



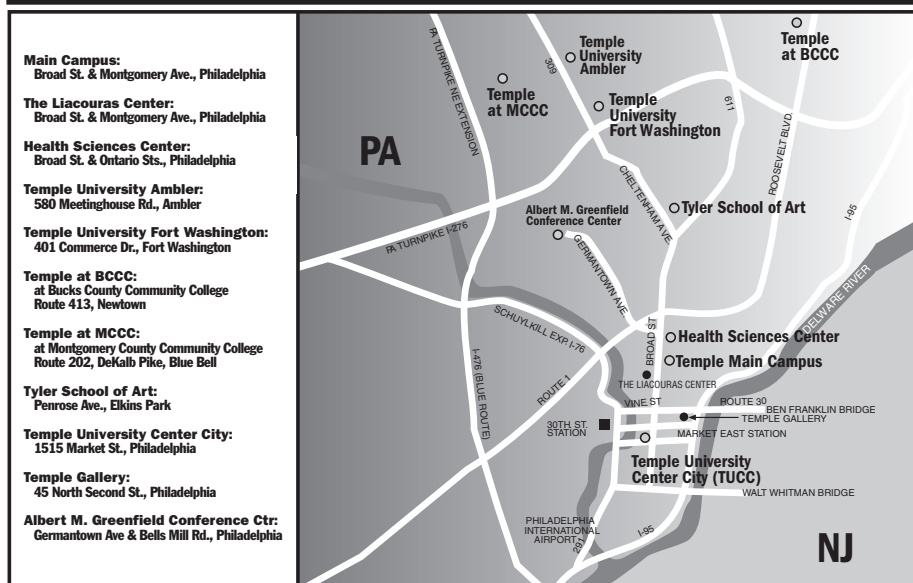
2005-2006
Undergraduate Bulletin



Academic Calendar 2005 – 2006

Fall Semester 2005	
Residence Hall Success Program (New student move-in dates)	Thu. and Fri., Aug. 25 and 26
Residence Halls Open (first meal served is dinner)	Sat., Aug. 28
Fall Semester classes begin	Mon., Aug. 29
Labor Day Holiday (no classes)	Sun., Sept. 4 - Mon., Sept. 5
Deadline/Application for January 2006 Graduation	Fri., Oct. 17
Priority Registration begins (Spring Semester)	Mon., Oct. 17
Residence Halls close for Thanksgiving Recess	Wed., Nov. 23 (7 p.m.)
Residence Halls reopen (first meal served is dinner)	Sun., Nov. 27 (10 a.m.)
Classes resume	Mon., Nov. 28
Study Days	Thu. and Fri., Dec. 8 and 9
Classes end	Sat., Dec. 10
Final Examinations	Mon., Dec. 12 – Sat., Dec. 17
Residence Halls close for Winter Recess (last meal served is breakfast)	Sat., Dec. 17 (10 p.m.)
Spring Semester 2006	
Residence Halls reopen (first meal served is dinner)	Sun., Jan. 15 (10 a.m.)
Martin Luther King, Jr. Day (no classes)	Mon., Jan. 16
Spring Semester classes begin	Tue., Jan. 17
Deadline/Application for May 2006 Graduation	Wed., Feb. 15
Residence Halls close for Spring Recess (last meal is breakfast)	Sat., Mar. 4 (12 noon)
Residence Halls reopen (first meal served is dinner)	Sun., Mar. 12 (10 a.m.)
Classes resume	Mon., Mar. 13
Registration begins (Summer Sessions)	Mon., Mar. 13
Priority Registration begins (Fall Semester)	Mon., Mar. 20
Classes end	Mon., May 1
Study Days	Tue. and Wed., May 2 and 3
Final Examinations	Thu., May 4 – Wed., May 10
Residence Halls close (last meal served is dinner)	Wed., May 10 (7 p.m.)
Commencement 2006	Thu., May 18
Summer Sessions 2006	
First Summer Session	Mon., May 15 – Tue., June 27
Memorial Day Holiday (no classes)	Mon., May 29
Deadline/Application for August 2006 Graduation	Thurs., Jun. 1
Second Summer Session	Wed., Jul. 5 – Tues., Aug. 15
Diploma Date	Fri., Aug. 25

Temple University Campuses and Locations



The Rules and Regulations as stated in the *Bulletin* are announcements only and in no way serve as a contract between the students and Temple University. All prospective and current students are responsible for contacting individual departments concerning the latest information on regulations and course offerings.

Temple University Undergraduate Bulletin 2005–2006 is produced by the Office of the Provost and Temple University Office of Publications (Jo Malone 102-05).

Photographers contributing to the cover are: Joseph Labolito
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Temple University Switchboard:
215-204-7000
TTY: 215-204-5919
Internet: www.temple.edu/
Undergraduate Bulletin Web site:
www.temple.edu/bulletin/

TEMPLE UNIVERSITY UNDERGRADUATE BULLETIN 2005-2006

Welcome from the President

What is this Undergraduate Bulletin? Yes, it's a listing of courses, a description of academic programs and degree requirements, and general information about the services and programs Temple offers.

But it's much more than that. The Bulletin is a reflection of Temple University's breadth and depth: 17 undergraduate and graduate professional schools and colleges, 140 undergraduate majors as well as 45 undergraduate minors and 43 concentrations. And more: a world-wide roster of places where Temple offers undergraduate courses: on campuses in Italy and Japan and Great Britain and in programs in Brazil, Costa Rica, France, Germany, Ghana, Mexico, Puerto Rico, Scotland, and Spain.

And still more: the Bulletin is a doorway into the wonders of human knowledge – more than 4,500 opportunities to learn about everything from accounting to wind instruments. The Bulletin is a guide for the Core Curriculum requirements and completing a major. If you browse further, you will surely find something fascinating, something unknown, something enjoyable, something provocative that you could dip into during your college years.

The Undergraduate Bulletin: A map to get you where you want to go, and a glimpse of side roads to learning advantages you didn't imagine. Appreciate it.



David Adamany

ABOUT THIS BULLETIN

The Undergraduate Bulletin is produced by the Office of the Provost to present general information about Temple University and specific information about undergraduate academic programs. Although every effort is made to provide complete and accurate information, the descriptions of programs and policies, either in print or on the web, are announcements only and in no way serve as a contract.

The online version of the *Undergraduate Bulletin* can be found at www.temple.edu/bulletin/ and it provides a highly useful resource with clearly identified updates as programs and policies change. It also has interactive links that take you directly to other sections of the *Bulletin*, to other publications important for students, and to websites across the University.

If you are a new student at Temple this year, this *Bulletin* contains the requirements of programs into which you will be enrolling. For that reason, your advisors may refer to Fall 2005 as “your *Bulletin* year.” In addition to this bulletin you will also find several other publications, that provide important information for Temple University undergraduate students. These publications include but are not limited to, *Temple University Student Handbook and Planner*, *Temple University Class Schedule*, *Undergraduate Course Descriptions*, *You and Campus Safety*, *Guide to Residential Life*, *Guide for Students with Disabilities*, *Temple University Transfer Student Information*, and *University Housing Staffing and Services*.

We hope this *Undergraduate Bulletin* will prove informative and useful to you as a Temple student. Questions or suggestions regarding the content of the *Undergraduate Bulletin* may be directed to the Curricular Publications Group in the Office of the Vice Provost for Undergraduate Studies 215-204-2044.

FOUNDED: 1884

PRESIDENT: David Adamany
Philadelphia, PA 19122
www.temple.edu

UNIVERSITY FACTBOOK:
www.temple.edu/factbook/

CAMPUSES:

Main Campus

215-204-7672

(Ambler Campus)

215-283-1399

(Center City Campus)

215-204-0955

Temple University is accredited by the Middle States Association of Colleges and Schools, Commission on Higher Education. Most of Temple's schools and colleges have received additional accreditation from other agencies, noted in each school and college's section of this *Bulletin*.

The Undergraduate University Policies specified in this *Bulletin* cover all students taking courses at all Temple University campuses worldwide.

Online Bulletin:
www.temple.edu/bulletin

Online Course Descriptions:
www.temple.edu/bulletin/ugradbulletin/ucd/ucdtoc.html

Faculty Information is located online only and can only be accessed through each school and college section.

A VIEW OF TEMPLE UNIVERSITY

Temple University: a lesson in contrasts. A commitment to teaching with a desire to learn from new experiences. The dazzle of the city and the rolling green of the suburbs. A dedication to new technologies and cutting-edge research built upon decades of practical experience in the field.

Located in the heart of metropolitan Philadelphia, Temple's Main Campus reflects the history and diversity of over 100 years of educating young men and women. From historic College Hall to state-of-the-art "smart" classrooms in Tuttleman Learning Center, to the Liacouras Center, a thriving sports, entertainment and recreation complex; Temple University affirms its commitment to learning, teaching, and living.

As an internationally recognized institution, Temple has earned its reputation. Temple's commitment to teaching and research has attracted top faculty members to each of its 130 bachelor's degree programs, as well as to its professional, master's and doctoral programs. Temple professors are committed not only to research and teaching but to their students as well. A 17:1 student-to-faculty ratio ensures that students and professors develop a close rapport that enhances the learning experience.

Temple's campus extends further than its North Philadelphia roots. It offers campuses and programs of study in many sections of Philadelphia and its surrounding suburbs, including Temple University Hospital, a world-class medical facility. For the diversity of an international program, Temple has campuses in Rome and Tokyo as well as opportunities to study on almost every continent in countries such as England, Germany, Ghana, France, Spain, India, and Scotland. On campus, programs such as the Latin American Studies Semester provide an in-depth study of foreign cultures right at home.

Temple understands that the college experience is not limited to what happens in the classroom. To that extent, the university offers an array of recreational and cultural activities that reflects the diversity of its student body. There are dozens of student-run organizations in health, business, recreation, or religion that fit your background or desire to learn. There are also many social and professional Greek associations to join. Temple's traditional Spring Fling and Cherry and White Day invigorate the campus every year. New on-campus student housing and an attractively renovated Student Center underscore Temple's commitment to enriching campus life.

Let's not forget Temple athletics and its tradition of excellence. Teams compete

in almost every intercollegiate sport, from basketball to fencing, most at the national-collegiate level. If participating in athletics is more your speed, you can choose from a variety of intramural sports, as well as the many offerings from the state-of-the-art recreation facilities.

If you've managed to exhaust Temple's recreational opportunities, Philadelphia is bound to keep you busy. Enjoy the Philadelphia Museum of Art, the Philadelphia Zoo, or the Philadelphia Orchestra. Tour the historic neighborhoods of Philadelphia, and see the Liberty Bell and Independence Mall. Or enjoy world-class theater from touring Broadway shows or local performances at the new Kimmel Center for the Performing Arts. The First Union Center on South Broad Street showcases a variety of entertainment opportunities. You can catch any of Philadelphia's four professional sports teams in action or concerts by any band or artist you can imagine.

Large or small, in the city or around the world, on the field or in the classroom, Temple University gives students every opportunity. Come find the one for you.

— Adapted from comments by Carrie Tolerico, journalism major, Class of 2003, and Brian White, political science and journalism/public relations and advertising major, Class of 2005

THE UNIVERSITY: WHERE WE'VE BEEN AND WHERE WE'RE GOING

Temple University was founded in 1884 by Dr. Russell Conwell as an outgrowth of his ministry at the Baptist Temple. Dr. Conwell wanted to make higher education available to all capable and motivated students regardless of their backgrounds and finances. His college began as informal classes for seven people and was first housed in the meeting rooms of his church.

One-hundred twenty years later, having emerged as a major educational enterprise, Temple University continues the Conwell mission. Temple is today the 39th largest university in the United States and the largest public university provider of professional education (law, dentistry, medicine, pharmacy, and podiatric medicine) in the country.

Temple is a world-class center of teaching, research, and health care. The University is identified in the Carnegie Classification of Institutions of Higher Education as one of only a hundred or so public institutions nationally (and one of six in Pennsylvania) that are designated as "Doctoral/Research Universities – Extensive." Temple serves as a vital research center for the United States government and is one of the three national survey research facilities.

From its roots in the historical and cultural richness of Philadelphia,

Temple has become a major international university. With seven regional campuses as well as foreign campuses in Tokyo, Japan, and Rome, Italy, Temple attracts over 35,000 students from across the nation and around the world. In addition to its campuses in Tokyo and Rome, Temple has connections to campuses on virtually every continent, and its professors are known both nationally and internationally.

Through its various schools and colleges, Temple University offers academic programs on both undergraduate and graduate levels. There are 2 associate degree areas, 130 bachelor's degree areas, 110 master's degree areas, 50 doctoral degree areas, and 5 first professional degree areas. In the 2004-05 academic year, Temple University awarded 7,160 degrees as follows: 4,524 undergraduate degrees, 1,827 graduate degrees and 809 first professional (JD, MD, DMD, DPM, PharmD) degrees.

The University is proud of its distinguished faculty, many of whom possess national and international reputations. These award-winning scholars and teachers offer students at the undergraduate, graduate, and professional levels the education and training they need to succeed. At the undergraduate level, average class size is 25, and most of these students are taught by senior faculty. One of the nation's major centers of teaching, research, and service, Temple is one of three public research universities in Pennsylvania and the second largest in the state. It is a leader in medicine and biomedical research, and the Temple University Health System, Inc., provides the most advanced care for thousands of residents throughout the region.

Temple has also been a leader in bold curricular initiatives. It was one of the first public research institutions to establish a rigorous, university-wide core curriculum in its undergraduate schools and colleges. Temple also has received national recognition for its Learning Communities, in which incoming freshmen form small groups according to their majors and interests. In addition, the University's Honors program is already a model for other colleges and universities.

Temple University is a member of the Commonwealth System of Higher Education in Pennsylvania and is supported by student tuition; annual appropriations from the Commonwealth; federal grants; gifts from alumni, corporations, and friends; and income from endowments. Temple University is governed by a 36-member Board of Trustees. David Adamany is the University's eighth president.

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■ College of Engineering	138
■ College of Health Professions	144
■ College of Liberal Arts	154
■ Boyer College of Music and Dance	188
■ College of Science and Technology	220
■ School of Social Administration	238
■ School of Tourism and Hospitality Management	244
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TEMPLE UNIVERSITY MAIN CAMPUS

FOUNDED: 1884

Peter R. Jones
Vice Provost for
Undergraduate Studies
215-204-7000 (general number)
Broad St. and Montgomery Ave.
Philadelphia, PA 19122
www.temple.edu

THE FOLLOWING SCHOOLS AND COLLEGES ARE LOCATED ON MAIN CAMPUS:

Tyler School of Art, Main Campus Program.....	4
Fox School of Business and Management.....	96
School of Communications and Theater.....	110
College of Education.....	126
College of Engineering.....	138
College of Liberal Arts.....	154
Boyer College of Music and Dance.....	188
College of Science and Technology.....	220
School of Social Administration.....	238
School of Tourism and Hospitality Management....	244

Located one mile north of Center City Philadelphia, Temple's 114-acre Main Campus serves students from the Delaware Valley area, from throughout the United States, and from 103 foreign nations. There are approximately 23,000 undergraduates and 5,000 graduate and professional school students attending classes on the Main Campus.

The Main Campus can be reached easily by public transportation using the "C" bus on Broad Street, the Broad Street Subway (Cecil B. Moore Avenue stop), AMTRAK at North Broad Street Station, and SEPTA Commuter Rail Lines at the Temple/Cecil B. Moore Station, Ninth and Berks Streets.

The major facilities of the Campus are located between 10th and 16th Streets and between Oxford and Diamond Streets. Nine Temple schools and colleges with undergraduate programs have their central administrative offices at the Main Campus, as well as most of their classrooms. See listing at left for schools and colleges located on Main Campus. The Graduate School and the James E. Beasley School of Law are also located on Main Campus. Many of these schools and colleges offer programs and courses on other campuses and at various extension centers. **Those offerings are described in each individual college section and are listed on the "Programs Offered" chart at www.temple.edu/bulletin/Academic_programs/chart_degrees/chart_program/chart.htm**

PROGRAMS OFFERED

All of the programs listed in the chart of Temple programs are offered on the Main Campus except those of the Ambler College (Landscape Architecture and Horticulture and Community and Regional Planning); the programs of the College of Health Professions, the

School of Dentistry, the School of Medicine, and the School of Pharmacy, which are offered at the Health Sciences Center only; the programs of the School of Podiatric Medicine, which are offered at 8th and Race Streets; and those of the Tyler School of Art, which are offered at the Tyler Campus.

PHYSICAL FACILITIES

In addition to housing the major classroom and administrative facilities of ten of the schools and colleges of Temple, the Main Campus is also the central location of the University's Library System and Computer Center. Other facilities include two stages for theatrical productions (Tomlinson Theater and Randall Theater), two music recital halls (Klein Recital Hall and Rock Hall), and a dance laboratory theater (Conwell Dance Lab).

The Main Campus is home to the Media Learning Center for the study of Critical Languages and other self-study courses and the Presser Learning Center, a nationally known multimedia laboratory for teacher education in music. The University's 20,000-watt, 24-hour classical and jazz and radio station, WRTI-FM, is located at the new Entertainment and Community Education Center, behind the Liacouras Center at 1509 Cecil B. Moore Ave, 3rd Floor, Philadelphia, PA 19121-3410.

The Liacouras Center, a venue for sports, entertainment, cultural, and educational activities, consists of an 11,000-seat concert and convocation center and is home to the Temple Owls Basketball team, the Esther Boyer Theater, the Independence Blue Cross Student Recreation Center, the Entertainment and Community Education Center, and a 1,200-car garage.

The Student Center has undergone a major renovation to provide a new 700-seat dining facility with a wide variety of food venues and a new entry atrium. The Student Center also houses the bookstore, post office, credit union, travel agency, information counter, the student newspaper, Temple Student Government Offices, Main Campus Program Board, the school yearbook, the Office of the Dean of Students, television lounge, quiet lounge and student organizational space.

Recreation facilities include a Student Fitness complex in the IBC recreation center; two Olympic-size swimming pools, several gymnasia, weight-training rooms, including a cardio-vascular fitness center, in Pearson and McGonigle Halls; an eight-lane 400 meter outdoor track; an indoor track (IBC center); a lighted outdoor recreation; and sports complex that includes four acres of artificial turf and a 4,500 seat arena. There is also a student recreation facility consisting of a 39,000-square foot Student Pavilion with lighted tennis courts and an outdoor in-line skating surface.

The new Tuttleman Learning Center is a hub for emerging learning technologies, with flexible classrooms, distance learning sites, student lounges, and personalized areas for small group activities, and is home to the University Writing Center, the University Honors Program, and International Programs. The Academic Resource Center and Math/Science Resources Center are located nearby in Curtis Hall.

Liacouras Walk, a major pedestrian way running through the center of Campus, provides new retail shops, food service, and the Conwell Inn.

TEMPLE UNIVERSITY HARRISBURG

234 Strawberry Square
Harrisburg, PA 17101
717-232-6400
www.temple.edu/harrisburg
Link Martin, M.S.W., Director,
School of Social Administration
717-231-6400
www.temple.edu/harrisburg
Kathleen Kramer, Assistant Director
717-232-6400
Darlene Spengler, M.A.,
Academic Advisor
717-232-6400
darlene.spengler@temple.edu

FACULTY INFORMATION:
www.temple.edu/harrisburg/faculty

Temple University Harrisburg (TUH) is a satellite of Temple University in Philadelphia, offering graduate programs and some undergraduate courses designed for the adult learner. TUH currently offers graduate degree programs in Educational Administration, Educational Psychology, Business Administration, Community & Regional Planning and Social Work. Principal, Superintendent, and Supervisory Certification programs are also available.

Temple University Harrisburg is located in the heart of downtown Harrisburg, the home of Pennsylvania's state government and capitol. Additionally, the campus is conveniently located within the Strawberry Square complex, close to many state associations and businesses.

For further information, please see the TUH Web site at the following Web address: www.temple.edu/harrisburg

Temple University Main Campus

1. Anderson Hall (AB, AC, AL)
2. Annenberg Hall (AH) (WRTI)
3. Atlantic Terminal
(Privately Developed Housing)
4. Avenue North Complex
4A. Student Housing
4B. Shops
5. Baptist Temple
6. Barrack Hall
7. Barton Hall
(Physical Science)
7A. north
7B. south
8. Beury Hall (BE)
9. Biology-Life Sciences Building (BL)
10. Campus Police Sub-Station
11. Campus Safety Services
12. Carnell Hall
13. Conwell Hall (CW)
14. Conwell House
15. Curtis Hall (CH)
16. Edberg-Olson Football Practice Facility
17. 1800 Block Liacouras Walk (student services)
18. Engineering and Architecture (EA)
19. Entertainment and Community Education Center and retail shops
20. Facilities Management Office
21. Founder's Garden
22. Gladfelter Hall (GH)
23. Hardwick Hall (student housing)
24. Hillel Foundation
25. Elmira Jeffries (student housing)
26. Johnson Hall (student housing)
27. Kardon Building (Privately Developed Housing)
28. Klein Law Building (James E. Beasley School of Law)
29. The Liacouras Center
29A. Esther Boyer Theater
29B. Independence Blue Cross Recreation Center
30. McGonigle Hall (MG)
31. Mitten Hall (Diamond Club)
32. Newman Center
33. "1940" (student housing)
34. Oxford Village (Privately Developed Housing)
35. Paley Library (PL)
36. Peabody Hall (student housing)
37. Pearson Hall (PH)
38. Presser Hall (PR)
39. Ritter Hall Annex (RA)/ Kiva Auditorium
40. Ritter Hall (RH)
41. Rock Hall (RC)
42. 1700 N. Broad St.
43. The Shops on Liacouras Walk 43A. and 43B.
44. Shusterman Hall
45. Small Business Development Center (1510 Cecil B. Moore Ave.)
46. Speakman Hall (SP) (The Fox School of Business and Management)
47. Sports and Recreation Fields
48. Student Center/Bookstore
49. Student Pavilion
50. Subway Station and Plaza (SEPTA)
50A. northbound
50B. southbound
51. Sullivan Hall (SN)
52. Temple Towers (student housing)
53. Temple U. Regional Rail Station (SEPTA)
54. Temple University Tech Center & Welcome Center
55. "1300" (student housing)
56. Tomlinson Theater (TT)
57. Triangle Apartments (student housing)
58. Tuttleman Learning Center
59. University Services Building
60. University Village (Privately Developed Housing)
61. Wachman Hall (Computer/Mathematics)
62. Walk Auditorium
63. Weiss Hall (WH)
64. James S. White Hall (student housing)



● Wheelchair Access

FOUNDED:

Ambler Campus: 1958

Ambler College: 2000

James Hilty, Acting Dean

580 Meetinghouse Road

Ambler, PA 19002

1-800-GO AMBLER

215-283-1201

www.ambler.temple.edu

welcome@blue.temple.edu

ACADEMIC ADVISING:

West Hall 109

215-283-1237

OFF-SITE CLASS LOCATIONS

Temple University Fort Washington

401 Commerce Drive

Fort Washington, PA 19034

215-283-1304

www.tufw.temple.edu/

Bucks County

Community College

Swamp Road

Newtown, PA

215-283-1248

Each year 3,300 students choose Temple University Ambler, where the campus goal is to weave three core values into the curricula of many of the programs and extra-curricular activities: student-centered learning, community engagement, and respect for the environment. Temple University Ambler, located in suburban Montgomery County, offers the benefits of both a small college campus and a large university.

The community enjoys Ambler's stunning grounds, student organizations and activities, and recreational facilities. Ambler's facilities include science labs, a library, top-quality computer labs, "smart" classrooms, Computer-Assisted Design (CAD) and Geographic Information Systems (GIS) lab/ classrooms, a Distance Education/ Videoconferencing room, and residence halls.

In Fall 2006, the campus will open the new Ambler Learning Center, a state-of-the-art facility. There will also be a math and writing center as well as a visual arts studio.

The Ambler campus offers hundreds of undergraduate courses, day and evening. Students can begin almost every undergraduate program at Ambler. Many popular majors can be completed at Ambler, including Business, Communications (interdepartmental major), Community and Regional Planning, Criminal Justice, Elementary Education (Early Childhood and Special Education), Horticulture, Landscape Architecture, Nursing (for RNs), and Psychology. Undergraduate courses include offerings from Temple's Core Curriculum and basic courses in Biology, Chemistry, Geology, and Physics. Pre-Nursing and Pre-Health Information Management students can complete the required first two years of prerequisite coursework. Pre-Medical, Pre-Dental, Pre-Pharmacy, Pre-Podiatry, Pre-Physical Therapy, or Pre-Occupational Therapy students can complete all courses required for admission to a professional school. Nurses may also complete the BSN entirely at Ambler. Pre-Law can complete an appropriate four-year degree program to prepare for Law School.

The Ambler College houses the Departments of Landscape Architecture and Horticulture, Community and Regional Planning (B.S. and M.S. programs), and the Center for Sustainable Communities.

The Landscape Arboretum of Temple Ambler features formal gardens, a sustainable wetland garden, an herb garden, wooded areas, a native plant propagation center, and much more.

Shuttle bus service allows Ambler students to take courses at Main Campus, Temple University Center City, or the Health Sciences Center. (See Bus Service below.) Temple also offers a selection of undergraduate courses at

Bucks County Community College.

Temple University Fort Washington Graduate and Professional Center provides another venue to pursue graduate studies. See the "Off-Site Class Locations/Fort Washington" section.

For more information about Ambler programs, call the Welcome Center at 215-283-1201 or toll-free at 1-888-GO AMBLER, or check the Temple Ambler Web site at www.ambler.temple.edu/.

ACADEMIC AWARDS AND STANDARDS AT AMBLER CAMPUS

See the Office of Student Services for more detail.

Ambler Collegial Assembly/ Ambler

Bookstore Award: a cash award to an Ambler campus graduating student.

See the criteria for the Ambler Collegial Assembly Awards.

Joseph R. Beltley Scholarship: a \$1000 scholarship awarded to an Ambler campus Psychology major who has distinguished herself/himself through outstanding participation in community service.

Elizabeth Clarke Award for

Conservation Education: an annual award presented to a graduating senior intending to study, teach, or work in the discipline of conservation education; based on the student's positive attitude and financial need.

Criminal Justice Scholar's Award:

given to an Ambler graduating senior in Criminal Justice who exhibits a passion for learning and outstanding academic achievement.

Gold Key Awards for Academic

Excellence: given to students in the sophomore, junior, and senior classes who've taken the greatest number of credits at the Ambler campus and achieved the highest grade point average.

Norman J. Kaner Memorial Award:

established by the Temple University History Department and supported by family, faculty, and former students in honor of Norman J. Kaner, a member of the History Department from 1968 to 1993. This award is given to an Ambler graduating senior in history with the highest grade point average who best exemplifies the values of critical thought, social curiosity, and intellectual vigor that characterized Professor Kaner's teaching and scholarship.

Patricia A. Woods Memorial Fund

Award: a cash award given annually to an undergraduate in the pre-health professions, who expresses the desire for advanced undergraduate study in health or post-graduate study in the health professions, with a cumulative grade point average of 3.5 or higher and a demonstrated commitment to the health professions through experience

or service.

Dean's List: letters are received by students from the Dean of the college in which they are enrolled in accordance with the academic criteria for scholastic distinction established by their college or school. See **Academic Policies and Regulations**.

Academic Standards: Students may receive an academic warning be placed on probation, or be dismissed from the University based on University standards. See **Academic Policies and Regulations**.

SUPPORT SERVICES

The services described below are tailored to the needs of Ambler Campus students. For further information see www.ambler.temple.edu/current/services.htm.

Academic Support Services

General Academic Advising

West Hall 109

215-283-1237

tuadvis@temple.edu

Academic Advising for Fox School of Business and Management

West Hall 112

215-283-1399

http://www.sbm.temple.edu/~amblerbu/

Academic Advising for Criminal Justice

West Hall, Lower Level 5

215-283-1543

http://www.temple.edu/cjus-ambler

Career Development Services

West Hall 109

215-283-1237

Externships, internships, and cooperative work experiences provide students with valuable hands-on learning experiences that can take them one step closer to their future careers. At Ambler, externships and other career opportunities are arranged through the Career Development Services office.

Center for Student Professional Development

West Hall 115

215-283-1674

The Center for Student Professional Development (CSPD), part of the Fox School of Business and Management, coordinates all activities that assist students towards career development.

Computer Centers

www.temple.edu/ambler/about/ambler_cs.htm

Help Desk: 215-283-1450

Computer Labs and Classrooms –

Ambler Campus

215-283-1450

- CAD/GIS Lab/classroom (Library Building Room 25)

- Computer Classrooms (Library Building Rooms 1 and 2; Widener Hall 207)

- Landscape Architecture and Horticulture Department CAD and GIS Computer Lab (Dixon Hall Room 108)

- Landscape Architecture and Horticulture Department Senior Digital Design Studio (Dixon Hall Room 208)
- Macintosh Lab (Library Building Room 21)
- Scholars Information Center (SIC) (Library Building Room 29)
- Video-Editing Lab (Library Building Room 13) Videoconferencing Room

Computer Labs/Classroom –

Temple University Fort Washington
215-283-1631

- PC Labs (four PC labs are available at Temple University Fort Washington for classroom instruction)
- Macintosh Lab
- Wireless Technology
- Videoconferencing Rooms (Widener 210)

Disability Resources and Services

West Hall 109
215-283-1237
215-283-1246 (TDD)
<http://www.temple.edu/disability>

Library

Library Building
215-283-1383
The Ambler Library supports the students and faculty with a collection of more than 96,000 books, current periodicals, microfilms, and maps, along with audiovisual materials. The Ambler Library is part of the Temple University Library system.

Mathematics and Science

Tutoring Center
Bright Hall 201
Main Campus: 215-204-8466
Ambler: 215-283-1237

Readmission
West Hall Lower Level 11
215-283-1254

Matriculated students who have not attended Temple for one semester or more must contact this office for readmission/reinstatement procedures prior to registering.

Tutoring
West Hall 109
215-283-1237
Tutorial services are available during day and evening hours depending on tutor availability. A semester schedule of free departmental tutoring options and a registry of private peer tutors are available in the offices of Academic and Career Development, the Fox School of Business and Management, Student Life, Widener Hall Faculty Offices, the Library Circulation Desk, East and West Residence Halls, and the Department of Landscape Architecture and Horticulture.

Writing Center
Bright Hall 201
Main Campus Hotline: 215-204-0700
Ambler Hotline: 215-283-1347
www.temple.edu/writingctr

Other Services
Admissions
West Hall
215-283-1252 or 1-888-GO-AMBLER
ambler@temple.edu

Bookstore
Bright Hall
215-283-1373
www.templeambler.bkstore.com

Bursar
West Hall 101
215-283-1247
The Bursar's Office is available for students to process tuition payments, resolve billing questions, and purchase Diamond Dollars and parking hangtags. It also provides a personal check cashing service for residence hall students for checks of up to \$50. Weekly payroll checks from Temple, Barnes and Noble, and Sodexo may also be cashed for up to \$150.

Bus Service
Bright Hall 101
215-283-1425
<http://www.temple.edu/facilities>

Temple University provides a free bus shuttle service between the Ambler SEPTA station and the Ambler campus and between Temple Philadelphia area campuses for students during the fall and spring semesters. Copies of the schedule and bus regulations are available in the Office of Student Life.

Copy Center
Bright Hall 103
215-283-1427

Health Services
Darwin Module
215-283-1430
The Health Services office allows students to drop in and discuss health concerns with the RNs certified in college health, and physicians. Brochures are available on a wide range of health topics. Services provided at Temple University Ambler include: General Medical Clinic, Allergy Clinic, Self-care Center, Psychiatric and Psychological Services. Services are available to all enrolled students with a valid University I.D. Appointments for psychiatric or psychological services may be made through the campus nurses. Many services are free; some have discount charges for medication and treatment.

Parking
West Hall 101
215-283-1247
Parking is available to both commuter and residential students. Special accommodations are available for students with disabilities. See the Bursar's Office for more details. Temple students must purchase a \$57 hang tag/decals from the Bursar's Office for any vehicle they wish to park on campus lots. The permit is good for a full academic year through August 31. There is no daily charge to park.

Student Financial Services/ Financial Aid (Also see Bursar above.)
West Hall 103
215-283-1403

<http://www.temple.edu/SFS>
Registration /ID Cards
West Hall 102
215-283-1248

This office provides information and assistance regarding: registration procedures, enrollment verifications, transcript requests, photo identification cards, and Pennsylvania residency requirements.

Welcome Center
Administration Building
1-888-GO AMBLER or 215-283-1201

SPECIAL FACILITIES

Athletic Facilities
<http://www.owlssports.com>
Temple University Ambler is the home for Temple's baseball, softball, and men's and women's soccer teams. The NCAA Division I teams practice and play all home games on new fields on the campus. Admission is free to all home games. In Fall 2005, the Ambler campus will unveil the new Intercollegiate Athletics Field House. With the help of a \$50,000 grant from PECO Energy, Temple University is developing "green roof" structures on this athletics facility. The green roof garden will provide substantial educational and research opportunities for students and faculty.

Center for Sustainable Communities (CSC) at Temple University Ambler
Jeffrey Featherstone, Ph.D., Director
215-283-1540
www.csc.temple.edu/

The Center for Sustainable Communities was established in July 2000 to develop and promote new approaches for protecting and preserving quality of life through sustainable development, balancing the relationship between environmental integrity, economic prosperity, and social equity. It builds on Ambler's strengths in horticulture and landscape architecture and draws upon the expertise of all Temple University faculty. As a working resource for

government agencies, community organizations, and developers, the Center provides objective information and services to improve decision-making relative to land use and water resources planning, in addition to conducting interdisciplinary research and offering educational and community outreach programs.

Greenhouse
215-283-1292
The Greenhouse at Ambler provides students with a first-class facility to study plant and soil science. The energy-efficient greenhouse includes computerized climate controls and thermal blankets to protect the plants in the winter and shade them in the summer. In addition to being used for coursework, the Greenhouse provides faculty and students with a facility to conduct horticulture research that is at the forefront of the industry.

Infant Study Lab
215-283-1565
infntlab@temple.edu
The Temple University Ambler Infant Lab invites parents and their children to shape the future by participating in research at the frontiers of science. The Lab is directed by professors Dr. Kathy Hirsh-Pasek and Dr. Nora Newcombe. Faculty and staff provide fun-filled activities for infants and toddlers who become part of cutting-edge scientific discoveries. At the Lab, infants and toddlers teach scientists new ways to optimize education and advance learning.

Landscape Arboretum of Temple University Ambler
Jenny Rose Carey, Director
215-283-1292
www.temple.edu/ambler/la-hort/aboutarboretum.htm

The Ambler campus has a long history and rich tradition of horticulture and landscape design. Established as the Pennsylvania School of Horticulture for Women in 1910, the 187-acre campus represents a unique mix of natural and designed landscapes. The gardens and campus serve as excellent outdoor teaching laboratories for numerous classes and as a source of inspiration for students, faculty, and visitors.

The Ambler campus was officially designated The Landscape Arboretum of Temple University Ambler in 2000. It continues to develop as a living laboratory. As the home of Temple University's Department of Landscape Architecture and Horticulture, the Ambler campus has a myriad of learning gardens, including an herb garden, ground cover garden, native plant garden, formal gardens, rock

wall, woodland garden, wetland garden, trial garden, large perennial borders, a planned winter contemplative garden featuring fragrant plants, a proposed xeriscape garden featuring a special collection of dwarf conifers, and a green roof garden.

STUDENT LIFE

Leadership Awards at Ambler Campus

For more information on leadership awards, contact the Office of Student Life. The following awards are presented annually:

- Alpha Chi Rho, Phi Kappa Chi chapter, Matthew Bythrow Memorial Book Scholarship
- Alpha Kappa Alpha Sorority, Phi Beta Omega Chapter, Book Award
- Alumni Scholarship
- Bob Sundermeier Award
- Criminal Justice Leadership Award
- Dean James Blackhurst Award
- Dean's Leadership Award
- Jamie Dickson Memorial Scholarship
- The Louise Bush-Brown Good Citizenship Award
- Mary Wald Banking and Finance Prize
- Outstanding Freshman Award
- Outstanding Student Leader of the Year Award
- Outstanding Student Organization of the Year Award
- Russell Conwell Award
- Special Achievement Award

Office Student Life

Bright Hall 101
215-283-1425

The Office of Student Life supports and complements the University's academic mission by promoting social, cultural, educational and developmental programs for the students at Ambler. Specifically, the Office provides opportunities through campus-wide programming and student organizations for students to develop special skills and interests, to regularly interact with other students, to plan and manage events, to participate in leadership training and self-governance, and to become involved in community service projects.

Student Activities Office

Bright Hall Lounge
215-283-1277

Students may obtain information about student activities including the campus activities calendar, ticket sales for athletic and entertainment events, bus schedules, off-campus housing, and general campus information.

Student Organizations

Bright Hall, 101
215-283-1425

Student organizations include the Alpha Chi Rho fraternity, Ambler Accounting Professional Society, Ambler Poker Players Association, Ambler Program Board, American Marketing Association, Beta Alpha Psi accounting honor society, Brothers and Sisters United, Communications Society, Criminal Justice Society, Equestrian Team, Gamma Sigma Sigma sorority, Hillel, Indian American Association, Land-scape Architecture and Horticulture Student Association, Latinos Unidos at Ambler, Learning to Include Numerous Cultures (L.I.N.C.), the Organization of African Students, Owl Reach, The Parable, Pi Alpha Xi Horticulture honor society, Pi Phi sorority, Psychology Society, Residence Hall Senate, Sigma Chi Delta sorority, Sigma Lambda Alpha Landscape Architecture honor society, Society for Exceptional Educators, Society for Human Resources Management, Student Ambassadors, Student Government Association, Temple Column news-paper, Transfer Student Organization (T.S.O.), United Voices of Praise, and WRFT-AM Radio 1610.

For information about student organizations in the Fox School of Business and Management, please refer to that section of the *Bulletin*.

Student Government Association

Bright Hall, 1st Floor
215-283-1283

The Ambler Student Government Association (ASGA) seeks solutions by serving as a liaison between the student body and University administration.

Recreation Services

Gymnasium: 215-283-1327
Pool: 215-283-1202

Recreational sports opportunities include intramurals, open recreation, aquatic programs, aerobics, and special events. A wide variety of activities are offered, ranging from structured, competitive leagues to self-directed fitness avenues. Facilities include an indoor/outdoor pool, a fitness room with both cardiovascular and free weight equipment, and basketball and tennis courts. Students may also participate in Main Campus recreational activities.

Residence Halls

215-204-7223/7224

East Hall and one wing of West Hall are two-story traditional residence halls, with double rooms, shared bathroom areas, social lounge areas, study rooms, computer lab, kitchens with microwaves, fitness equipment, and recreational areas. The halls have 24-hour security and are staffed by professional and paraprofessional staff. There is a Residence Hall Senate, which plans social and educational activities for residents.

Student Media

Bright Hall, 1st Floor

Newspaper

215-283-1283

Radio Station

215-283-1278

The Temple Column (newspaper) and WRFT-AM 1610 AM (radio station) are managed and operated entirely by students. These organizations provide students from all majors with challenging opportunities to become involved in various aspects of mass media production.

OFF-SITE CLASS LOCATIONS

Temple University Fort Washington

401 and 425 Commerce Drive
Fort Washington, PA 19034
215-283-1304

www.tufw.temple.edu/

The Temple University Fort Washington (TUFW) Graduate and Professional Education Center is the teaching site for most of Temple University Ambler's graduate programs. Located in the Fort Washington Office Park, over 1,000 students attend this center, featuring corporate-style classrooms, video conferencing rooms, and state-of-the-art computer labs. The Fort Washington Campus also facilitates a wireless infrastructure in five classrooms, two student lounges, and the vending area. Students may complete master's degrees in various graduate-level program areas.

The Office of Non-Credit and Special Programs, located at TUFW, provides seminars at the Graduate Center in professional development and computer applications for today's workforce. Temple University Fort Washington also provides hundreds of non-credit programs at the Ambler and Fort Washington Campuses throughout the year. From certificates in meeting and wedding planning, to digital photography, to trips to historical sites and museums, the non-credit courses are designed to enhance professional skills and enrich personal

interests. Workshops are also available to prepare for the SAT, GMAT, LSAT, and GRE.

Temple University Fort Washington's LifeLong Learning Society is comprised of a series of courses offered in the daytime during the fall and spring semesters for older individuals with an interest in furthering their education. These personal enrichment courses range from explorations of classical music to discussions of current events.

Bucks County Community College

Swamp Road
Newtown, PA

215-283-1248

Temple University offers undergraduate courses in Education and Nursing (for RNs) at Bucks County Community College. The partnership between the two schools enables Bucks students to continue their college education at a campus convenient to their home, enabling them to take courses toward their respective Temple bachelor's degree. Bucks students are welcome to attend Ambler's Transfer Days when information sessions are provided for transfer students.

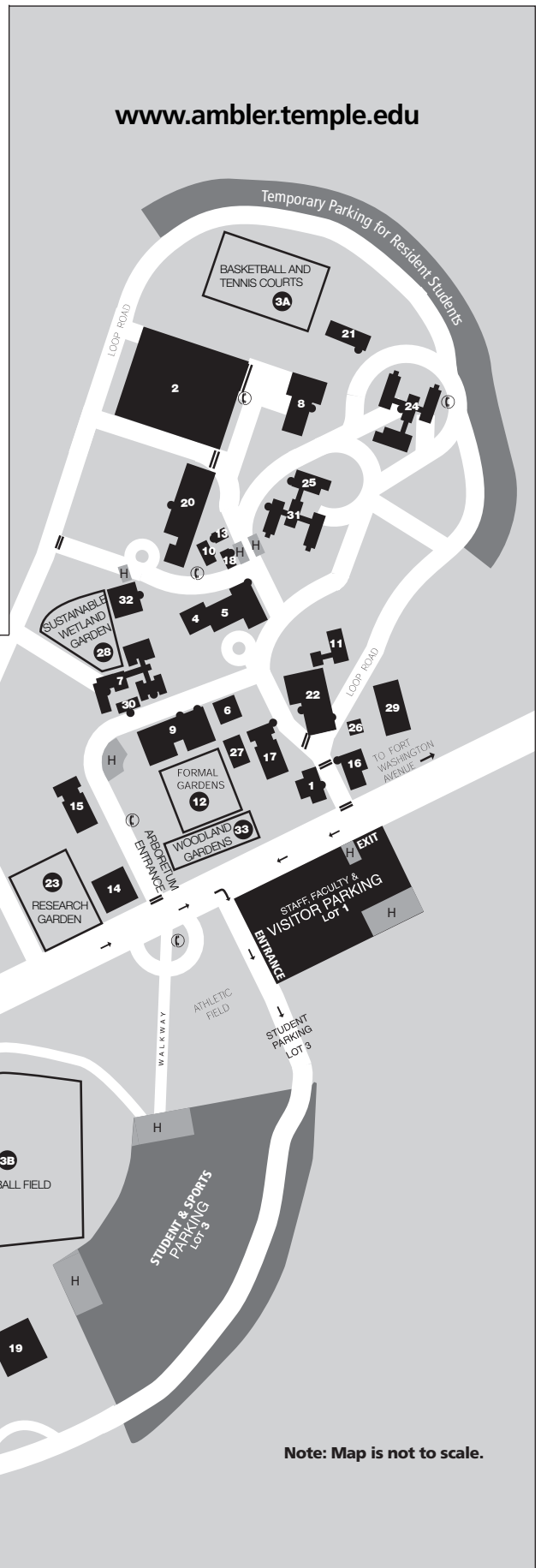
Temple University Ambler Campus

- 1. **Administration Building**
Development
Marketing and Public Relations
Office of the Dean
- 2. **Ambler Learning Center**
(future site)
- 3. **Athletic Facilities**
3A. Basketball and Tennis Courts
3B. Baseball Field
3C. Softball Field
3D. Soccer Match Field
3E. Soccer Practice Field
- 4. **Book Store**
- 5. **Bright Hall (BH)**
Classrooms
Copy Center
Fresh Bytes Too
Office of Student Life
Program Board
Radio Station WRFT
Student Activities Office
Student Government
Student Lounge
Temple Column
(Student newspaper)
- 6. **Campus Safety Services - Hilda Justice Building**
- 7. **Cottage Hall (CG)**
Classrooms
Faculty Offices
Landscape Architecture
and Horticulture
- 8. **Dining Hall/Food Court**
- 9. **Dixon Hall (DX)**
Classrooms
Faculty Offices
Landscape Architecture and Horticulture
Science Laboratories
- 10. **Douglass Module**
- 11. **Facilities Management**
- 12. **Formal Gardens**
- 13. **Freud Module**
- 14. **Gilbert House**
- 15. **Greenhouse**
- 16. **Haines House (HH)**
Criminal Justice Training Program
Infant Study Lab
Mailroom
- 17. **Head House**
- 18. **Health Services**
- 19. **Intercollegiate Athletics Field House/PECO Green Roof**
- 20. **Library and Computing Centers (LB)**
Computing Centers
Library
Media Center
- 21. **Pool**
Indoor/Outdoor Swimming Pool
- 22. **Recreation Services**
Fitness Center (AG)
Main Gym (MG)
- 23. **Research Garden**
- 24. **Residence Hall, East**
- 25. **Residence Hall, West**
- 26. **Rose Cottage (RC)**
Art Studio
- 27. **Shade House**
- 28. **Sustainable Wetland Garden**
- 29. **Tennis Courts**
- 30. **Van Gogh (VG) & Einstein (EN)**
- 31. **West Hall (WH)**
Academic Advising
Admissions
Bursar/Financial Aid
Career Development
Center for Sustainable Communities
- 31. **West Hall (WH) (continued)**
Community and Regional Planning
Curriculum and Planning
Disability Resources and Services
English Department
Fox School of Business and Management
Advising
Faculty Offices
Tutoring
GIS Lab
Registration
Student Financial Services
- 32. **Widener Hall (WI)**
Audio-Visual
Classrooms
Distance Learning Center
Faculty Offices
Instructional Support Center
Schedule Manager's Office
- 33. **Woodland Gardens**

**TEMPLE UNIVERSITY
FORT WASHINGTON**
34. **Graduate & Professional
Education Center**

- ★ **Handicapped Parking**
- **Wheelchair Access**
- Ⓢ **Security Phone**

www.ambler.temple.edu



Note: Map is not to scale.

DIRECTOR:

William E. Parshall, M.P.A.

ASSOCIATE DIRECTOR:

William H. Schreiber, M.A.

**1515 Market Street
Philadelphia, PA 19102
215-204-TUCC**

www.temple.edu/tucc

**Advisor: Ruth Gardner
215-204-4358**

**Conference Facilities
215-204-4370**

Located just across the street from City Hall and surrounded by the home offices of major national corporations, Temple University Center City offers an outstanding selection of undergraduate and graduate courses and full degree programs in the evening, as well as stimulating non-credit workshops and seminars during the day, in the evening, and on weekends.

CREDIT PROGRAMS

Most of Temple University's schools and colleges offer courses at TUCC during the academic year. It is possible to complete the following undergraduate degree programs at TUCC in the evening:

- Accounting
- Business Management
- Economics
- English
- History

STUDENT SERVICES

Hours of Operation

During the semester the TUCC administration office (suite 215) is open 8:30 a.m. to 8:00 p.m. Monday through Thursday, and 8:30 a.m. to 5:00 p.m. on Friday. There are limited services on Saturday. When Temple University is not in session, please call 215-204-TUCC for hours.

Academic Advising and Registration

TUCC's Advising Coordinator can give you the information and support you need to succeed. Office hours are scheduled into the evening so that you can make an appointment during your lunch hour or after work. You can also discuss transfer options and career-related topics. Call 215-204-4358 for information or an appointment. If you are admitted to a degree program, you must be advised by a representative of your school or college. If you are a student in the College of Liberal Arts, send an e-mail message to prob@temple.edu and specify that you want a TUCC appointment. If you are a student in the Fox School of Business and Management, call 215-204-7672 (Main Campus) and specify that you want a TUCC appointment.

The Bookstore

The Bookstore is located on the third floor. In addition to textbooks, it offers magazines, school supplies, light snacks, soft drinks, and Temple merchandise. Call 215-204-1514 for more information about specific items or store hours.

Career Advising

TUCC's Advising Coordinator can help you with career-related information. You can obtain information about your options to help get you going in the direction that is right for you. Call 215-204-4358 for an appointment.

Cash Operations

A Cash Operations representative is available on the ground floor to process payments for tuition and fees. It is possible to pay by cash, check, or money order, Master Card, Discover and American Express credit cards are accepted only over the web. A convenience fee will be charged when paying with a credit card Call 215-204-1175 for more information or hours of operation.

Computer and Media Services Center

Using a computer or accessing library information is as easy as a trip to the Computer and Media Services Center located on the fourth floor. The staff will assist you in using mainframe and personal computers or in conducting library research in the Scholar's Information Center (SIC). It is also possible to establish an e-mail account, obtain language tapes, and reserve audio-visual materials through the Center. Faculty can place books and articles on semester reserve. Call 215-204-1521 for more information about available resources or hours of operation.

Student Photo ID Cards

Students registering for the first time can have a photo ID card made in the student services area on the second floor. Call 215-204-TUCC for more information or hours of operation.

FACILITIES

The TUCC campus occupies six floors at 1515 Market Street. All together there are over 60 classrooms, conference rooms, and computer classrooms.

Conference Facilities

Located in the heart of downtown Philadelphia close to restaurants, shopping, and entertainment, TUCC's conference center provides ideal meeting space for 10 to 100 people. Flexible room configurations with customized set-ups let you plan activities for large and small groups. State-of-the-art presentation equipment and Internet connectivity are available to enliven your meetings. Call 215-204-4357 for more information.

Copy Machines

Copy machines for student use are available in the cafe areas on the third and fourth floors. Call 215-204-7271 if there is a problem with the machines.

Lounges and Cafe Areas

Lounges and cafe areas located on all floors provide a good place to rest or study. Ethernet connections around the perimeter of these areas allow you to connect your laptop to the Internet. Please note that you must first register the machine address code (MAC) of your laptop with Computer Services before you can take advantage of this service.

Parking

As a service to its students, TUCC has negotiated parking discounts with Central Parking at four of its locations. TUCC has no business relationship with these garages nor plays any role in the making of their policies. In order to get the discount, students must have their parking ticket stamped and show proof of Temple affiliation, if asked. The parking stamp and a detailed list of participating garages are available in the information center on the ground floor. A list of participating garages is also available on the TUCC Web site.

Vending Machines

Vending machines are located in the lounge area on the second floor, and in the cafe areas on the third, fourth, fifth, and sixth floors. Call 215-204-7271, if there is a problem with the machines.

NON-CREDIT PROGRAMS

The following constitute non-credit programs at TUCC. For detailed information on these programs, see the **Special Programs** section of this *Bulletin*.

The Business Agenda

Non-credit career and professional development training. Call 215-204-4335 for more information.

Continuing Studies

Non-credit personal enrichment programs. Call 215-204-6946 for more information.

Real Estate Institute

Non-credit real estate programs for professionals and consumers. Call 215-204-1530 for more information.

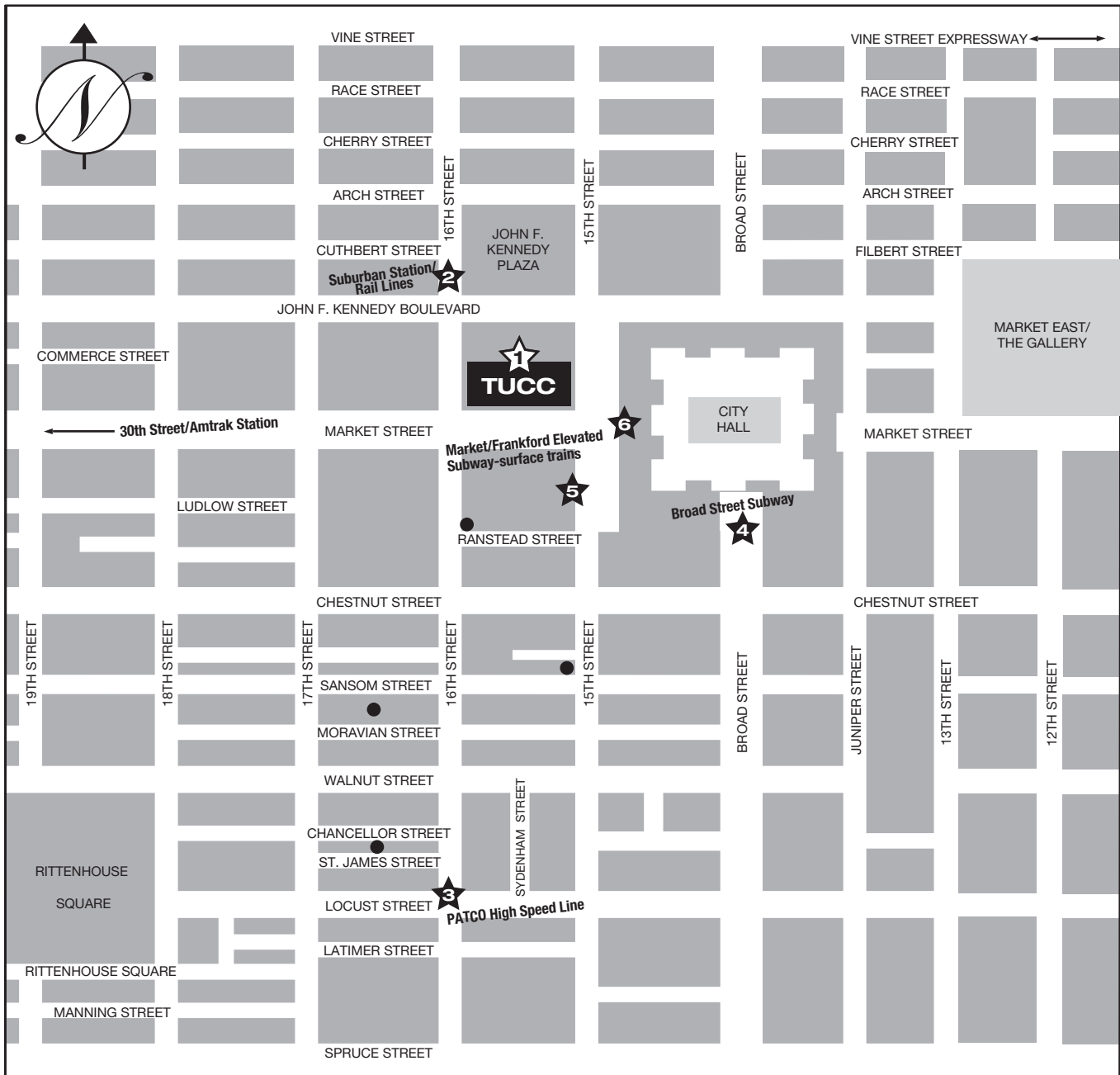
Music Prep

Dynamic non-credit music programs for children and adolescents. Call 215-204-1512 for more information.

Temple Association for Retired Professionals (TARP)

TARP is a membership organization that offers non-credit learning and enrichment programs for retirees. Call 215-204-1505 for more information.

Temple University Center City Campus



- 1. Tucc – 1515 Market Street
- 2. Suburban Station – Regional Rail Lines
- 3. PATCO Hi-Speed Line
Locust Street (between 15th-16th)
- 4. Broad Street Subway (City Hall)
- 5. Market-Frankford Elevated (15th Street)
- 6. Subway-surface cars
- Indicates lots with discount parking after 3:00 p.m., for those with a valid Temple University ID.

FACULTY AND INFORMATION:

See Web sites of individual schools and colleges below.

ACADEMIC ADVISING:

See Web sites of individual schools and colleges below.

www.temple.edu/CAHP

**Temple University
School of Dentistry**
3223 North Broad St.
Philadelphia, PA 19140
Martin F. Tansy, Ph.D., Dean
215-707-2803
www.temple.edu/dentistry

**Temple University
College of Health Professions**
3307 N. Broad St.
Philadelphia, PA 19107
Ronald T. Brown, Ph.D., Dean
215-707-4800
www.temple.edu/CAHP

**Temple University
School of Podiatric Medicine**
8th at Race Sts.
Philadelphia, PA 19107
John Mattiacci, Dean
215-629-0300
www.podiatry.temple.edu

**Temple University
School of Medicine**
3401 North Broad St.
Philadelphia, PA 19140
John M. Daly, Dean
215-707-7247
www.temple.edu/medschool

**Temple University
School of Pharmacy**
3307 N. Broad St.
Philadelphia, PA 19140
Peter H. Doukas, Dean
215-707-4900
www.temple.edu/pharmacy

TEMPLE UNIVERSITY HEALTH SYSTEM

Temple University Hospital
3401 N. Broad St.
Philadelphia, PA 19140

**Temple Children's Medical
Center**
3509 N. Broad St.
Philadelphia, PA 19140

PROGRAMS

Programs and services of the Schools of Medicine, Dentistry, and Pharmacy, the College of Health Professions, and Temple University Hospital are at the Health Sciences Center. Buildings and facilities, covering some 20 acres, extend to either side of North Broad Street from Allegheny Avenue to above Tioga Street. Public transportation to the campus includes the "C" bus on Broad Street, the Broad Street subway (Allegheny stop to the south, Erie stop to the north); the North Broad and the North Philadelphia stations of the Regional High-Speed transit lines are between the Health Sciences Center and Main Campus.

The School of Dentistry is located at 3223 North Broad Street. The College of Health Professions lecture rooms and laboratory and the School of Pharmacy are located at 3307 N. Broad Street. The College of Health Professions Dean's office and department offices are located in Jones Hall.

Many of the facilities of the School of Medicine, including the Medical School Library and Temple University Hospital, are located on N. Broad Street between Ontario and Tioga Streets. The Student Faculty Conference Center, on the southwest corner of Broad and Ontario Streets, provides a wide range of facilities, services, and educational programs. The Office of Student Activities provides educational, recreational, and auxiliary services, coordinates lounges and study areas, recreation classes, ping pong, pinball machines, basketball and volleyball intramurals, tennis, popular films, a cafeteria, art gallery, and seminars. The lower basement contains racquetball courts, weight rooms, and complete locker room facilities with saunas. The fourth floor houses a full continuing education and conference center. For more information, call 215-707-4017.

The School of Podiatric Medicine, part of the Health Sciences Center, is located at 8th and Race Sts.

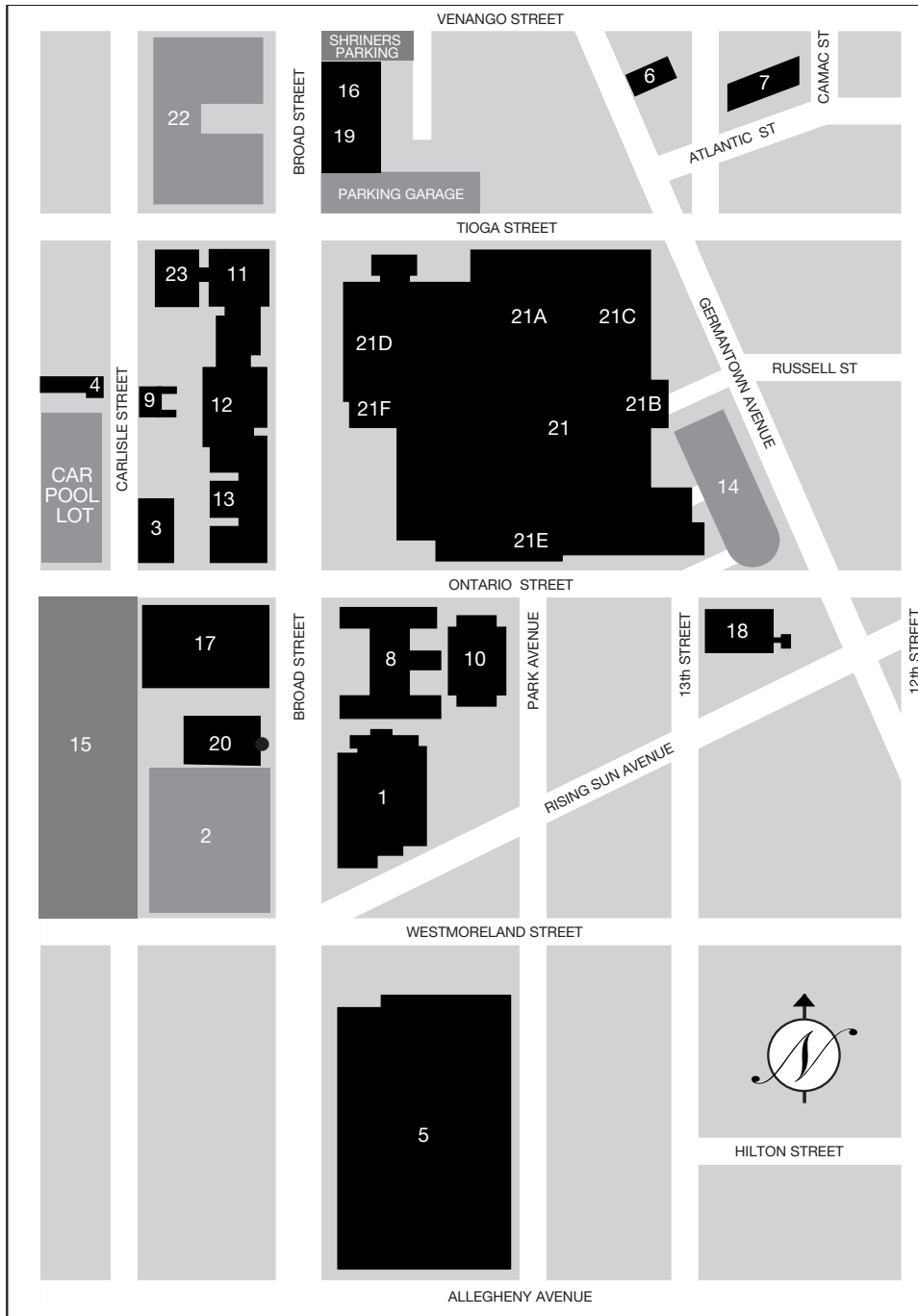
Each of the schools and colleges located at the Health Sciences Center offers student and academic services. For a specific program or service of the undergraduate schools, refer to the appropriate section of this *Bulletin*, or inquire at the Office of the Dean. For information about the schools of Medicine, Dentistry, and Podiatric Medicine contact their respective Dean's offices.

HOUSING AND DINING OPTIONS

Residential housing is provided on the Main Campus and is accessible by a Temple University shuttle bus or convenient public transportation. Dining options are available at the Student Faculty Conference Center, the Hospital cafeteria, and the Main Campus dining centers.



Temple University Health Sciences Campus



BUILDINGS & KEY LOCATIONS

1. Pharmacy, School of
 2. Battersby Parking Lot (employees only)
 3. Central Chill Water Plant
 4. Central Store Room
 5. Dentistry, School of
 6. Facilities Management
 7. Ford Building/Maintenance Shops
 8. General Services Building
 9. Hudson Building
 10. Jones Hall/Allied Health Professions
 11. Kresge Science Hall (School of Medicine)
 12. Medical Research Building (School of Medicine)
 13. Old Medical School Building (School of Medicine)
 14. Ontario Garage (Valet parking)
 15. Ontario West Parking Garage (employees only)
 16. Shriners Hospitals for Children
 17. Student Faculty Center
 18. Steam Plant
 19. Temple University Children's Medical Center
 20. Temple University Cancer Center
 21. Temple University Hospital
 - 21A. Out-Patient Building
 - 21B. Emergency Entrance/Trauma Center
 - 21C. Park Avenue Pavilion
 - 21D. Parkinson Pavilion
 - 21E. Rock Pavilion
 - 21F. J. Willet and Mary F. Boyer Pavilion
 22. Tioga Parking Lot (employees only)
 23. West Building (School of Medicine)
- Valet Parking

FOUNDED: 1935

Keith Morrison, Dean
7725 Penrose Ave.
Elkins Park, PA 19027
215-782-ARTS
www.temple.edu/tyler

ELKINS PARK CONTACT INFORMATION:**ACADEMIC ADVISING:**

207 Tyler Hall, 215-782-2780

ADMISSIONS OFFICE:

104 Admissions/Student Services Building, 215-782-2875
tylerart@temple.edu

ASSOCIATE DEAN'S OFFICE:

200 Tyler Hall, 215-782-2718

BEECH HALL RESIDENCE DIRECTOR

215-782-2866

BOOKSTORE:

007 Penrose Hall, 215-782-2819

BUSINESS OFFICE:

210 Tyler Hall, 215-782-2751

BURSAR:

107 Tyler Hall, 215-782-2751

EXHIBITIONS:

303 Tyler Hall, 215-782-2776

HEALTH SERVICES:

001 Penrose Hall, 215-782-2825

REGISTRATION AND RECORDS:

201 Tyler Hall, 215-782-2751

SECURITY OFFICE:

100 Presidents Hall
215-782-2800 or 215-204-1234

SLIDE LIBRARY:

109 Penrose Hall, 215-782-2848

STUDENT ACTIVITIES & SERVICES/STUDENT LIFE:

203 Admissions Building
215-782-2883

STUDENT FINANCIAL SERVICES:

300 Tyler Hall, 215-782-2769

TYLER LIBRARY AND STUDENT COMPUTER CENTER:

111 Penrose Hall, 215-782-2849

The Tyler School of Art BFA and MFA programs provide a comprehensive curriculum in the visual arts on both the undergraduate and graduate levels. Professional programs are offered in Ceramics and Glass, Fibers and Fabric Design, Graphic and Interactive Design, Metals/Jewelry/CAD-CAM, Painting, Photography, Printmaking, and Sculpture. Summer classes and weekend workshops are available. In addition to the studio component, the University Core Curriculum requirements necessary for the BFA Degree are offered on the Tyler Elkins Park Campus. Tyler students may elect to fulfill some of the core requirements on one of Temple's other campuses.

Tyler also offers the following programs on the Main campus of Temple University: BArch and BS in Architecture, BA in Art, BA in Art History, BS in Art Education. For more information on these programs, please go to the Tyler School of Art section in this bulletin or to the Tyler website listed above.

THE CAMPUS

The campus, located on a 14-acre estate in suburban Elkins Park, offers a diverse and active schedule of events.

Tyler's small size offers many opportunities for interaction with faculty members and other students. In addition to the close-knit community of faculty and students, Tyler boasts excellent studio facilities, a large art library, and exhibition spaces. There is an extensive program of visiting lecturers and artists throughout the year. Films, demonstrations, gallery openings, and social events provide a stimulating environment outside the classroom where students may meet to discuss work and make contacts with professional artists.

Tyler is conveniently located near public transportation, allowing easy access to Center City Philadelphia, which enables students to participate in the many activities a metropolitan area has to offer them. The Student Van Service provides safe, free travel within a 2.5-mile radius of the campus. The service operates Monday through Friday from 7:00 PM to 12:00 AM. It provides a safe means of transportation from the campus to SEPTA rail and transit stations or to students' local residences.

Tyler's Elkins Park Campus is also on the Temple University Shuttle Bus route, which provides free transportation to students between the Ambler, Tyler Elkins Park and Main campuses. Daily shuttle bus service is available during the fall and spring semesters. For a copy of the shuttle schedule call 215-204-2200.

Parking

All BFA students are allowed and, therefore, are expected to park on the Tyler Elkins Park campus while attending school. Although there is no daily charge for parking facilities, a yearly parking decal is required at a nominal fee. Both the Cheltenham Township and Temple University strictly prohibit illegal parking in fire zones or handicapped spaces. Vehicles will be towed. A copy of the parking policy may be obtained at the Student Services/Activities Office.

Residence Halls

Beech Hall, the dormitory located on the Tyler campus, is a three-story facility that houses 150 residents. It has shared double (and a few triple) rooms and common bathroom areas, a recreation and fitness center, a computer lab, a lounge with a large screen television, 24-hour work studios, and laundry facilities. The Residential Life Staff work in conjunction with a student governing board to create a positive community living environment through social, cultural, and educational activities. Students who live in Beech Hall Residence participate in a campus meal plan/declining balance program. The meal plan can be used at any of the Temple University Dining Halls and the declining balance can be used at Tyler's Starving Artist Cafeteria/Vendeteria among other participating restaurants and snack bars on Temple's campuses. Dining facilities are located in the lower level of Beech Hall Residence and serve three meals on weekdays and two on weekends.

Health Services

A well-equipped dispensary on campus, which offers a variety of services and art hazards information, operates in Penrose 001. It is staffed part-time with a registered nurse, a physician and a counselor. Information about dispensary hours or any other health-related issue can be found by calling 215-782-2825

Student Life

Student Services and Activities, located on the third floor of Tyler Hall, handles most of the non-academic, extra-curricular activities including: entertainment, assisting and developing student organizations, off-campus jobs and housing, museum bus trips, and the production of student publications.

Student Organizations

See Tyler School of Art section in this Bulletin.

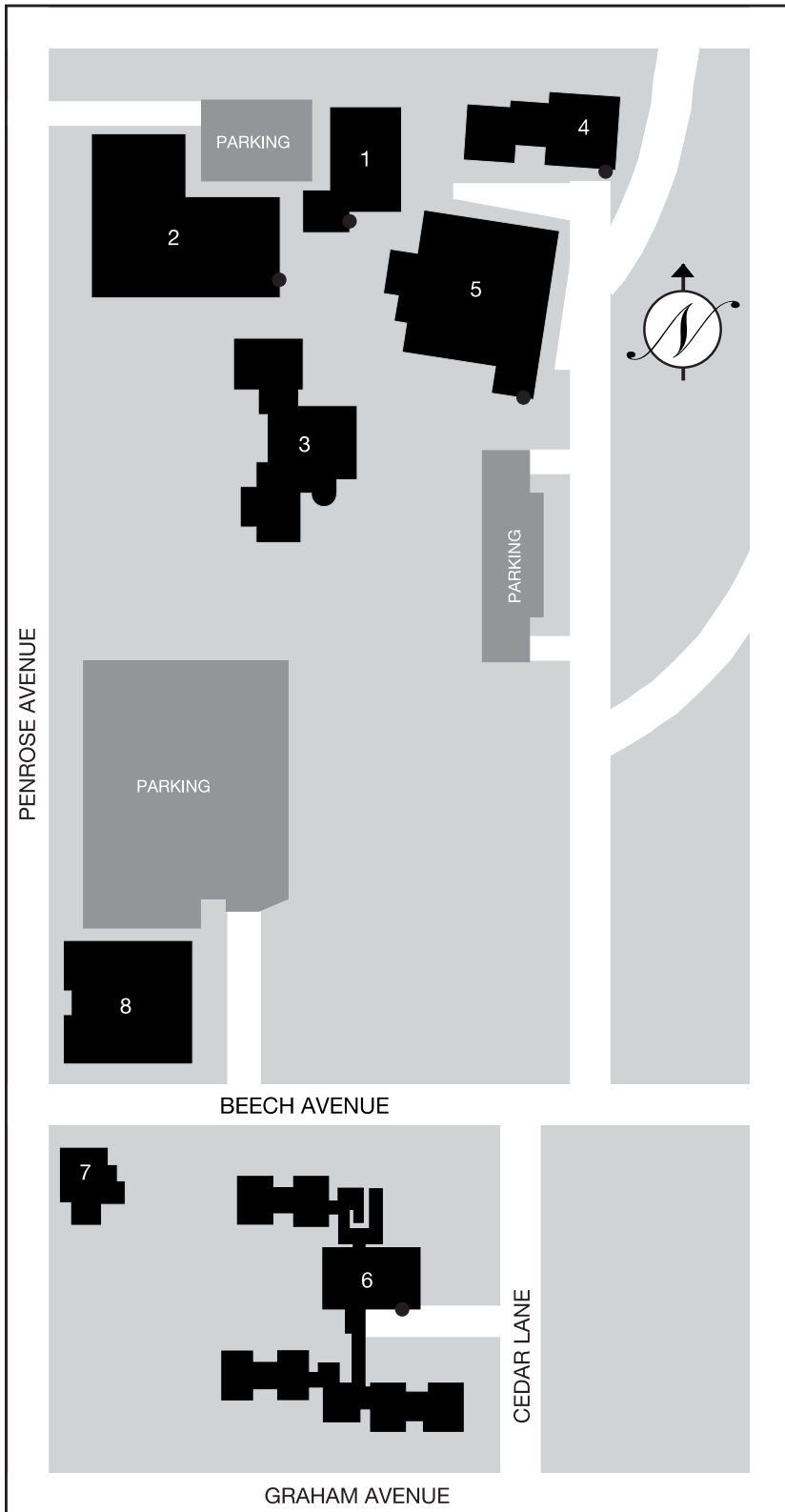
Special Facilities

Local and national exhibitions that demonstrate vital movements in contemporary art are scheduled in the Tyler Gallery on campus and the Temple Gallery in Old City Philadelphia. The openings for these shows allow students the opportunity to meet and talk with the artists. The student-run gallery on campus provides a continual showcase of student work. Call 215-204-8982 for more information.

The Elkins Park campus also houses the Barnes and Nobles Elkins Park campus bookstore (which also sells art supplies), a Bursar's Office (for payment of bills), the Starving Artist Cafeteria/Vendeteria, the Student Computer Center (located in the Penrose Hall Library), the Office of Student Financial Services, the Tyler Library, the Tyler Slide Library, and the Office of Registration and Records.



Temple University Tyler Campus



BUILDINGS & DEPARTMENTS

1. PRESIDENTS HALL (PT)
 - Auditorium
 - Fibers/Fabric Design
 - Safety Office
 2. PENROSE HALL (PE)
 - Art History
 - Audio-Visual
 - Bookstore
 - Cafeteria
 - Drawing
 - Gallery
 - Graphic Design
 - Health Services
 - Lecture Halls
 - Library
 - Offset Shop
 - Painting
 - Printmaking
 - Seminar Rooms
 - Slide Library
 3. TYLER HALL (TY)
 - Academic Coordinator
 - Academic Faculty
 - Administration
 - Art Education
 - Bursar
 - Design Workshop
 - Drawing
 - Facilities Management
 - Financial Aid
 - Gallery
 - Information
 - Public Relations
 - Registrar
 - Weekend Art Workshop
 4. BLAI HALL (BL)
 - Glass
 - Graduate Printmaking
 - Sculpture
 5. ELKINS HALL (EL)
 - Ceramics
 - Jewelry/Metalsmithing
 - Photography
 - Sculpture
 - Wood and Plastics Shop
 6. RESIDENCE HALL (BEECH HALL)
 7. 1950 BEECH
 - Career Services
 - Student Services Center
 - Admissions
 8. FACILITIES MANAGEMENT
- Wheelchair Access

1801 North Broad Street
Philadelphia PA 19122

ONLINE APPLICATION:
www.temple.edu/ugapp/

APPLICATION DEADLINES:

Fall Semester:
Freshmen – April 1
Transfers – June 15

Exceptions:

Music – Freshmen March 1
Music – Transfers May 1
Nursing – Transfers April 1
Health Information
Management – April 1

Spring Semester:

Freshmen – November 1
Transfers – November 1

Readmission:

Fall – July 1
Spring – November 1

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GENERAL ADMISSIONS INFORMATION

The Office of Undergraduate Admissions processes all undergraduate applications for admission to all campuses of Temple University.

Applications are reviewed on a rolling basis, and candidates are usually notified of decisions four to six weeks after receipt of a completed application.

Use the Web site to request an under-graduate application at www.temple.edu/ugapp/

Students must submit all application materials to the Office of Undergraduate Admissions by the stated deadlines (at left). Applications received after these dates will be considered on a space available basis. The admission application fee is \$35.00. The renewal application fee is \$10.00.

Special Requirements for Admission

The following programs have additional requirements for admission: College of Health Professions, Boyer College of Music and Dance, and the Tyler School of Art. Refer to the individual program description for the details on these special requirements. Adult applicants also have special requirements.

Tuition and Residence Hall Deposits

All students admitted to the University must pay a nonrefundable tuition deposit of \$150 in order to reserve a place in the incoming class. In addition, students who wish to live in the residence halls must pay a housing deposit of \$250.

Applying for Readmission

For further information see: Academic Policy 02.10.11 at http://policies.temple.edu/getdoc.asp?policy_no+02.10.11

Also see the Readmission Policy in the Academic Policy section of each School or College. Readmission to Temple University undergraduate programs is through the School or College that you last attended.

FRESHMEN

Diploma and Required High School Credits

The University requires that students hold a diploma from an accredited high school with the following recommended distribution of courses:

Subject field	Units
English	4
Mathematics, college preparatory	4
Foreign language (same language/culture)	2
History/Social Studies	3
Science (2 years lab)	3
The Arts	1
Other college preparatory courses	3
Total	20

Students are required to have earned a minimum of 16 units in academic subjects from the above chart. Students 18 years of age and older may submit a high school equivalency diploma earned through the General Education Development Test and the high school transcript for all grades completed.

College Entrance Examinations

Temple requires one of the following tests for college entrance:

- Scholastic Aptitude Test of the College Entrance Examination Board, Box 592, Princeton, NJ 08540
- American College Test of the American College Testing Program, Box 168, Iowa City, IA 52250

Temple suggests that students take either test in the spring of their junior year, as well as in the fall of their senior year. Results should be forwarded directly to the Office of Undergraduate Admissions. SAT or ACT scores are recommended but not required of applicants 22 years of age or older.

Entering with Academic Credit: Advanced Placement Tests

Temple awards college credits to students in the advanced placement program sponsored by the College Board. Credit may be earned as follows:

- Biology, Chemistry, Economics, English, History (American and European), and Physics, minimum score of 4
 - Others, minimum score of 3
- Scores should be sent directly to the Office of Undergraduate Admissions.

Placement Testing

Most newly admitted students are required to take placement tests upon admission to Temple. These tests are designed to help assess mastery of certain basic skills, point out particular strengths and weaknesses, and assist in designing a program of study for the student. Placement tests are offered in English, Mathematics, and Foreign Languages.

For more information about placement testing, sample questions, and news about changes in placement tests, visit the placement testing page on the Measurement and Research Center Web site www.temple.edu/marc/placements.html

Demographic Questionnaire (25 minutes). This is a personal data collection survey that must be completed by all students. Temple uses the results of this questionnaire to develop programs and procedures to serve the needs and interests of its students.

English Placement Examination (135 minutes). The English Placement Exam is required for all freshmen and for transfer students who are not transferring in the equivalent of English C050/51. The English Placement Exam scores are used in conjunction with the student's SAT verbal score and high school percentile to develop a base score. The essay score and the base score are then combined to determine the appropriate English course placement (English 0040/41, English C050/51, or exempt).

Mathematics Placement Examination (60 minutes). The Mathematics Placement Examination is required for all freshmen and for transfer students who are not transferring a credit-bearing, college-level Math course. In addition, any student who is considering taking a higher-level Math course should take the Mathematics Placement Exam.

Advisors have information concerning conditions under which a student may retest.

Foreign Language Placement Examination (60 minutes). The Foreign Language Placement Test is required 1) for freshmen who have previously studied a foreign language and 2) for transfer students who have previously studied a foreign language but are not transferring a credit-bearing, college-level foreign language course. In addition, any student who has previously studied a foreign language and either has questions about his/her readiness to take additional courses in that language, wants to try to qualify to take an upper-level course, or wants to be exempted from additional foreign language requirements should take the Foreign Language Placement Test.

Tests are offered in French, German, Modern Greek, Italian, Latin, and Spanish. Students who wish to be tested in a language other than these, or whose first language is not English, should contact their advisor.

Advisors may request that a student retest if there is strong evidence (e.g., good grades in foreign language courses, intensive study abroad, etc.) that the student's test performance was not typical.

Orientation for New Students

Following admission to the University and payment of the tuition deposit, students will be contacted regarding their orientation requirements. See **Office of Orientation and New Student Programs under Student Services section of the Bulletin**.

Immunizations

See **Student Health and Wellness under Student Services for required immunizations**.

TRANSFER STUDENTS

Transfer Admissions

Applicants who wish to be considered for transfer admission must have maintained at least a 2.50 grade point average in 15 or more transferable credits at an accredited two- or four-year institution of higher education for consideration, although this is no guarantee of admission. Temple requires the same high school units of transfer students as of freshmen.

Applicants must submit official transcripts from high schools and each college previously attended. The University defines "official transcript" as that which is sent directly from a high school or college to Temple's Office of Undergraduate Admissions. Ordinarily, SAT or ACT scores are not required unless specifically requested by the Admissions Office.

An evaluation showing accepted transfer credits and a list of Temple course equivalencies are sent to students who are admitted. Evaluations are based on the majors students indicate on their applications. The Temple school/college in which they enroll will make the final determination of which transfer credits are applicable to the degree.

Transfer Credit

Temple University accepts all college-level liberal arts courses beyond the developmental level. These courses must have been completed with a grade of C- or better, and taken at an accredited institution. Transfer students receive credit from all colleges and universities accredited by the appropriate commission of one of the regional accrediting Associations (Middle States, Northwest, North Central, Southern, Western, and the Commission on Institutions of Higher Education of the New England Association of Schools and Colleges). Temple does not award credit for courses from institutions accredited by the Commission on Technical and Career Institutions of the New England Association or from any university, college, school, institute, or program accredited only by a national, professional, or specialized accrediting body. Whenever possible, credit is allowed for courses completed more than 10 years before the date of admission.

Evaluation of transfer credits is based on a student's major, and the student's Temple school/college makes the final determination of which transfer credits are applicable to the student's degree program. Transfer evaluations may change for students who change majors.

To earn a degree from Temple, students must complete at least 30 hours of the last 45 semester hours as a matriculated student at Temple, fulfill all university requirements, and fulfill all of the degree requirements of the Temple college or school in which they are enrolled, as approved by the dean of that school. See **Academic Residency in the Academic Policies and Regulations section of the Bulletin**.

To graduate from Temple with Honors, students must complete at least their last 60 hours toward their degrees in residence as matriculated students at Temple University.

See **Honors in the Academic Policies and Regulations section of the Bulletin**.

Advanced Placement and College Level Examination Program (CLEP) credits, and courses taken as a non-matriculated student at Temple, are posted on a student's record as transfer credit, but do not always count as transfer credits for determining a student's eligibility for the 45+ Transfer University Core. See **45+ Transfer University Core in the Academic Programs section of the Bulletin**.

The number of credits that can be transferred into Temple varies with the date of a student's admission to Temple:

- Students matriculating at Temple *before fall 1998*: The number of credits that students can transfer from a four-year institution depends on their declared Temple major. The maximum number of semester hours that will be accepted in transfer from a two-year institution or a combination of all two-year institutions attended is 64, whether earned prior to or following credits earned at a four-year institution.
- Students matriculating at Temple in *fall 1998 and after*: The number of credits that students can transfer from another institution (two- and four-year) depends on their declared Temple major. This policy may not be retroactively applied to students who matriculated at Temple before that semester.

Credit for Academic and Prior Learning Experience

Some schools and colleges at Temple grant limited credit to qualified students for relevant experience in academic, employment, and life situations. See **Academic Policies and Regulations for further information**.

The College-Level Examination Program (CLEP)

Incoming students can also gain credits through the College Level Examination Program tests. See **Academic Policies and Regulations section of the Bulletin for the list of accepted CLEP tests and the Temple course equivalencies**.

Dual Admissions

To better encourage and facilitate transfer admission from other colleges to Temple University, Temple and these colleges have established articulation agreements with one another.

Dual Admissions agreements conditionally admit students to Temple at the same time they are admitted to a community college, and provide merit scholarships to Temple for those students. Students at five area community colleges (Bucks County, Delaware County, Montgomery County, Community College of Philadelphia, and Harrisburg Area Community College) may enroll in the Dual Admissions program before attaining 30 credits at the community colleges. Students are then conditionally admitted to Temple upon attaining their associate's degrees at the community college.

Program Articulation Agreements

These agreements between Temple schools and/or academic departments and other two-year institutions provide accurate curricular information for prospective transfer students and their academic advisors by lining up associate degree requirements and baccalaureate requirements. They indicate which courses students should take during their associate program in order to be prepared for the Temple baccalaureate program into which they wish to transfer. See **Articulation Agreements at www.temple.edu/undergrad/applying/transfer/tran_artic.html for lists of agreements currently in effect**.

Transfer Students and the University Core Curriculum

Every Temple undergraduate fulfills the requirements of the University Core Curriculum in some way.

Students entering Temple as freshmen and transfer students with fewer than 45 transfer credits complete the full University Core Curriculum. See **University Core Curriculum in the Academic Programs section of the Bulletin**.

Transfer students with 45 or more transferable credits satisfy the 45+ Transfer University Core version of the University Core. See **45+ Transfer University Core under University Core Curriculum in the Academic Programs section of the Bulletin**.

Students with an associate degree approved for Core-to-Core Transfer meet most University Core requirements with the general education courses taken for the associate degree. Associate degrees are approved for Core-to-Core Transfer by two university-wide faculty committees. See **Core-to-Core Transfer for information on the policy and a list of approved community college associate degrees**.

INTERNATIONAL STUDENTS

An individual is considered an international student if he/she meets either of the conditions described below:

- Applicants who hold or will hold a student visa, a visitor visa, exchange visa, or any other type of non-immigrant visa.
- Applicants who are permanent residents, naturalized citizens, or have refugee status in the United States and have not studied in the United States at the secondary or college level.

International students must complete the International Student Application available online or from the Admissions Office. International students are also required to complete a Financial Support Statement as part of the international student application.

Effective April 2002, U. S. federal regulations prohibit individuals in Visitor for Business/Pleasure (B-1/B-2) status from pursuing full-time academic studies at a university or college in the United States and from applying for a change of status from B-1/B-2 to Nonimmigrant Student (F-1) status while they remain in the United States. These individuals must seek Nonimmigrant Student (F-1 or J-1) status through a U. S. consulate outside of the United States.

Orientation and Immunizations

See **Services for International Students under Student Services for requirements.**

SPECIAL ADMISSIONS PROGRAMS

Dual Admissions Programs

See **Transfer Students**

Pre-professional Admissions Programs

TempleMed Scholars Program

Health Professions Advising Office
215-204-2500
www.temple.edu/healthadvising

The TempleMed Scholars Program provides an opportunity for outstanding students to gain conditional admission to the Temple University School of Medicine at the same time they are accepted into one of Temple's undergraduate colleges. As TempleMed Scholars, students will spend their undergraduate years in Temple's Honors program, after which they will enroll in the Temple University School of Medicine, leading to a degree of Doctor of Medicine.

A similar program, the **TempleDent Scholars Program**, enables entering freshmen to gain conditional admission to Temple's School of Dentistry. It is also administered by Susanne Lesnik-Emas (see above for information).

In the eight-year enriched option, a student receives a bachelor's degree in the first four years and enters medical school to receive a medical degree after an additional four years.

In the seven-year accelerated program, a student begins medical school after three years of undergraduate work and at the end of seven years receives a medical degree.

High school students interested in the TempleMed Scholars program should apply in the fall of their senior year. Both an application for undergraduate admission and an application for the TempleMed Scholars program are necessary. For further information, please contact the program director or visit the Web site listed above.

TempleRx Scholars Program

Health Professions Advising Office
215-204-2500

www.temple.edu/healthadvising

Marquette L. Cannon-Babb, Pharm D,
Assistant Dean
School of Pharmacy, HSC Campus
215-707-4900

This program admits approximately ten exceptional students per year, granting them provisional acceptance into the six-year Temple Doctor of Pharmacy program. More information is available in the School of Pharmacy Special programs section of the *Bulletin* and at the web address above.

Prospective students may apply for admission in the fall of their senior year of high school by completing a general college admissions form and a separate TempleRx Scholars application. For more details, contact Susanne Lesnik-Emas, Director, or Marquette Cannon-Babb, Assistant Dean of the School of Pharmacy.

The TempleLaw Scholars Program

Paul Crowe, Director, College of Liberal Arts
215-204-8591

pcrowe@temple.edu

Terry Halbert, Fox School of Business and Management
Chair, Legal Studies Department
215-204-5648

terry.halbert@temple.edu

The TempleLaw Scholars program provides an opportunity for outstanding students to gain provisional admission to Temple University School of Law at the same time they are accepted into an undergraduate program. As TempleLaw Scholars, students will spend their undergraduate years in Temple Honors program, after which they enroll in the Temple University School of Law, leading to the degree of Juris Doctor. There are two program options: The 3/3 offers an accelerated experience in which the student begins law school after three years of undergraduate work; the 4/3 program offers an enriched undergraduate experience in which the student receives the bachelor's degree after four years and the law degree after three years.

Students may enter the TempleLaw Scholars program from either the College of Liberal Arts or from the Fox School of Business and Management. For more information or an application, please contact Paul Crowe in the College of Liberal Arts or Terry Halbert in the Fox School of Business and Management.

University Honors Program

Qualified students who apply to any of the schools or colleges at Temple will be offered admission to the University Honors program. No separate application is necessary. Selection criteria include high school credentials, application essay, recommendations, and SAT I scores. See **University Honors Program under Academic Opportunities.**

Russell Conwell Educational Service Center

Working through the Office of Admissions, the Russell Conwell Center (RCC) provides university admission for students who have a competitive academic record in high school, but lack strong SAT/ACT scores. Once selected by the Office of Admissions, students are enrolled in the RCC, which serves as their academic advising unit in addition to the advising unit in their school or college. The RCC provides comprehensive academic

support from admission through graduation. Contact the Office of Admission for information at 215-204-7200. See **Student the Student Support Services section of this Bulletin for a more descriptive information about the services provided at the RCC or view the Web site at www.temple.edu/rcc.**

Continuing Education

See **Special Programs.**



MAIN CAMPUS CONTINUING EDUCATION

Karen Sofranko, Director
Academic Resource Center
 Curtis Hall, Rm. 113
 13th St. and Montgomery Ave.
 215-204-2500
 FAX: 215-204-2516

TEMPLE UNIVERSITY CENTER CITY (TUCC)

1515 Market Street
 215-204-TUCC
www.temple.edu/tucc/

TEMPLE UNIVERSITY AMBLER (TUA)/

TEMPLE UNIVERSITY FORT WASHINGTON (TUFW)

Welcome Center: 215-283-1201 or
 1-888-GO AMBLER

www.ambler.temple.edu
 Temple University Fort Washington
 (TUFW): 215-283-1304

HEALTH SCIENCES CENTER

Health Information Management
 215-707-4811
Nursing 215-707-4686
Occupational Therapy 215-707-4813
Communication Sciences
 215-204-7543
Physical Therapy 215-707-4815
School of Pharmacy 215-707-4959

EXTENSION SERVICES

215-204-7265
William E. Parshall, MPA, Director
Changbiao Yue, Ma, Manager, Off-Campus Credit Programs
Doris Clowney, MEd, Assistant Manager
Cassandra Bellew, BS, Assistant Manager

INSTITUTE ON AGING

Albert J. Finestone, MD
Interim Director
 422 Faculty Student Union
 215-707-4741
www.temple.edu/aging/

GENERAL INFORMATION

The programs listed in this section are available for all students intending to study at Temple University without having to be enrolled in a degree program.

*The academic policies and regulations generally apply to all students and provide a framework within which schools and colleges may specify further conditions or variations appropriate to students in their courses or programs. Statements of academic policies and regulations apply to both matriculated and non-matriculated undergraduates unless explicitly noted otherwise. In addition to the description below, please refer to the **Rights and Responsibilities and Academic Policies and Regulations** for further information on particular policies that relate to students in these programs.*

Temple University provides a broad administrative framework to present and support a wide range of University offerings not falling within the province of typical undergraduate and graduate degree work on Temple campuses. Credit-bearing courses are administered through the Continuing Education Office on various campuses. Registration for non-credit courses is handled through TUCC or Fort Washington.

Course offerings under special programs respond to the differing needs of adults seeking additional education. Some offerings are of common interest to all, such as writing and general computer skills. Other courses tailored for those adults who wish to change their work situation, focus on new skill and knowledge development. Course work is also designed for adults who wish to maintain their current work position in a profession that requires recertification to maintain appropriate licenses. Course offerings also are geared to those adults seeking personal enrichment as their primary goal.

The form of programming includes credit certificates, non-credit professional certificates, and non-credit personal enrichment courses. The courses are offered at the following Temple sites: Temple University Ambler, Temple University Fort Washington, Temple University Center City, Harrisburg, and a variety of public and private off-campus sites through the auspices of Extension Services. Information about the services offered at each campus is as follows:

Main Campus

The Main Campus Office of Continuing Education (TUCE) is the University's central office serving non-matriculated students. Non-matriculated students are those who have not been formally admitted to a degree program. The Office serves a variety of students, including adults returning to school for undergraduate or graduate courses, professionals updating their skills, students taking courses to meet admissions requirements into graduate or professional schools, qualified students seeking undergraduate admission, students taking courses for personal enrichment, and visiting students. There is no formal application to enroll as a Continuing Education student; however, first-time enrollers are asked to provide documentation of education completed (high school transcript, GED certificate, college transcripts, or college diploma).

Services include:

- individual academic advising
- informal evaluation of academic transcripts
- a general information center with University catalogs, course schedules, and admissions applications,
- placement testing
- registration and schedule revisions
- referrals to other University services and programs

See Academic Policies and Regulations for non-matriculated students for more information.

Ambler/Fort Washington

Temple University's Ambler and Fort Washington campuses offer extensive undergraduate, graduate, and non-credit courses/programs available days, evenings, and weekends. The Office of Non-Credit and Special Programs, located at TUFW, provides seminars at the Graduate Center in professional development and computer applications for today's workforce. Non-credit certificate programs can also be completed in Accounting, Editing, Interior Design, Meeting Planning, Wedding Planning, Computer Applications, Web Site Design, and IT programs. Workshops are also available to help prepare students for the SAT, GMAT, LSAT, and GRE. Personal enrichment courses are offered in writing, arts and literature, exercise, food and entertainment, horticulture, and wellness at Temple University Ambler. TUFW is also utilized by local corporations for training programs and meetings during the day. For more information about the workshops, open houses, or to receive catalogs or general information, please call or send an

e-mail to the Welcome Center or fill out an online form located on the Temple Ambler/Fort Washington Web site www.ambler.temple.edu

TUCC

TUCC offers a rich selection of non-credit programs and classes. These include courses for your personal enrichment from the Institute for Continuing Studies and Music Prep, courses leading to state licensure in the real estate field from the Real Estate Institute, lively classes on every conceivable subject for retirees provided by members of the Temple Association for Retired Persons (TARP), and career development seminars and professional certificate programs from The Business Agenda. Please check further information on non-credit programs in the section that follows and/or www.temple.edu/tucc/.

Health Sciences Center (HSC)

The Schools of Medicine www.temple.edu/medschool/, Dentistry www.temple.edu/dentistry/, and Pharmacy www.temple.edu/pharmacy/, and the College of Health Professions www.temple.edu/CHP/ sponsor continuing education activities for their graduates as well as for graduates of other institutions. Many programs meet the requirements of professional accrediting agencies to take refresher courses or seminars in order to keep abreast of changes in the field.

OFF-CAMPUS/CORPORATE PROGRAMS

Temple University has been bringing its rich educational resources to off-campus sites for over 60 years. The University's mission, articulated by Dr. Russell Conwell, is to bring higher education to all capable and motivated students regardless of their backgrounds and finances. Through its Office of Extension Services, Temple University continues this mission today by offering both off-campus and customized corporate programs across the Philadelphia five-county area and beyond. We offer a wide array of credit and non-credit courses, seminar/workshops, certificate and full degree programs

The staff of Extension Services acts as partners and colleagues with the University faculty and with the appropriate officers of external organizations. Together, we initiate and collaborate on flexible, creative and innovative programs to solve community and industry problems throughout the region. We have developed strong affiliations with businesses, school districts, units of government, and non-profit associations. We deliver, to your site, the most effective credit and non-

credit programs in the Delaware Valley. Extension Services strives to anticipate education and training needs while providing the utmost quality customer service when delivering courses.

CERTIFICATE PROGRAMS

At Temple University, a certificate is a credit-bearing program of courses leading to a credential that recognizes the student's work in a specialized area of knowledge. An undergraduate certificate may be part of a degree program, or it may stand alone. It is distinct from an academic major or minor and should not be confused with the process of professional certification for teaching and other fields. Certificate programs often focus on the acquisition of specific skills recognized in the job market. They are

open to undergraduates in all Temple schools and colleges and majors and are particularly useful to students seeking to document their exposure to fields and disciplines outside of their academic major and minor. Some majors recommend particular certificate programs to their students. Non-matriculated students should contact the department offering a certificate, as some certificates are restricted to matriculated students. The University Honors Program and the Fox School of Business and Management offer Honors certificates. You will find a partial listing of certificate programs below. For more detailed information, contact the school, college, or campus where the program is offered.

Certificates of Completion

<i>Certificates of Completion</i>	<i>Department</i>	<i>School</i>
Asian Business and Society	Asian Studies	CLA
Chinese	Critical Languages	CLA
e-Tourism	Tourism and Hospitality Mgmt	STHM
French	French, German, Italian and Slavic	CLA
Geography of Sports, Recreation and Tourism Planning	Geography and Urban Studies	CLA/STHM
Geography of Tourism	Geography and Urban Studies	CLA
German	French, German, Italian and Slavic	CLA
Gerontology	Institute on Aging	SSA
Italian	French, German, Italian and Slavic	CLA
Japanese	Critical Languages	CLA
Landscape Plants	Horticulture	Ambler
Latin American Studies Semester	Spanish and Portuguese	CLA
Management Career	Economics	CLA/FSBM
Multilingual Business and Government Studies	Spanish and Portuguese	CLA
People First	Human Resource Admin	FSBM
Political Economy	Political Science and Economics	CLA/FSBM
Russian	FGIS	CLA
Spanish	Spanish and Portuguese	CLA
Spanish and Latin American Studies for Business	Spanish and Portuguese	CLA
Spanish and Latino Studies for the Health and Human Services Professions	Spanish and Portuguese	CLA
Travel and Tourism	Geography and Urban Studies	CLA
Women's Studies	Women's Studies	CLA
Writing	English	CLA

PROGRAMS WITH ACADEMIC CREDIT

Temple University offers a variety of special programs with academic credit. For further details, contact the school, college, or campus where the program is offered.

Visiting Students

Temple University welcomes students from other colleges and universities who wish to enroll in courses on any of our campuses. Students should bring or fax a permission form from their home institution, listing the specific Temple courses that have been approved for transfer. If the courses have prerequisites, students must provide proof of having taken and passed them. Some courses may also require special authorization from instructors or departments at Temple (e.g., business courses numbered 0100 and above).

In lieu of using the permission form from their home institutions, students may use the comprehensive, non-matriculated and visiting student registration form. This form must be faxed or sent via postal mail to the Temple University campus you are planning to attend. The full listing of the campus contact information for all campuses is available by visiting the Instructions for completing the Registration Form page at www.temple.edu/summer.

Credit Transfer to Your Home Institution

In order to facilitate the transfer of credits, students should request that an academic transcript be sent from Temple to their home institution. The transcript request form is available by visiting Temple's Office of Academic Records website. It will not be sent out automatically. For further information, please contact the Office of Academic Records at 215-204-1131 or visit in person on the second floor, Conwell Hall, Broad Street and Montgomery Avenue, on the Main Campus. You may also visit the registration office at your campus of choice or go to their Web site at www.temple.edu/registrar for more information.

Undergraduate (non-matriculated) Students

Students who are not currently enrolled at another institution may be permitted to register for some courses as non-matriculated (non-degree) students. To enroll in undergraduate courses they must have earned a high school diploma with at least a 2.00 cumulative grade-point-average or a G.E.D. certificate. Students who have attended another college or university must provide a transcript of their previous academic work. With some exceptions, these students are required to take the University placement test before they can register. However, meeting these minimum requirements does not guarantee enrollment as a non-matriculated student. For more information, and to speak with an academic advisor, please contact the Main Campus Office of Continuing Education or the office of the campus you wish to attend.

High School Students

High school students who will be entering their senior year in September 2005 may be eligible to register for college-level courses. Before they can register, they must secure and provide written authorization from their guidance counselor or high school principal, specifying the course(s) the student is authorized to take.

Summer Sessions

Temple University welcomes students from other colleges and universities, international students, as well as our own students, to enroll in a summer course at any one of our several campuses. We offer credit, non-credit, day and evening courses at our campuses. We also have several Study Abroad Programs in France, Germany, Italy, and Great Britain. The faculty at Temple includes scientists, writers, artists, business experts, and consultants, all actively engaged in scholarship and research.

Institute on Aging

Gerontology is the study of aging and the issues that surround the aging process. The Institute on Aging offers a Certificate in Gerontology program in cooperation with schools and colleges throughout the University. Therefore, the certificate program is designed to provide the student with an interdisciplinary education along with practical experience in the field of aging.

Certificates in Gerontology are offered at the undergraduate and graduate level. The 18-credit-hour program may be completed in conjunction with a degree program or as a separate emphasis program for persons not currently enrolled in a degree program. All students must register and complete 15 credit hours and a field placement or action research project. Students are expected to finish the program within a five-year time span. No more than two gerontology electives may be taken prior to admission into the Program.

NON-CREDIT PROGRAMS

For further information on the following non-credit programs, you can visit Temple University Center City www.temple.edu/tucc/, Temple University Fort Washington www.temple.edu/ambler/tufw/, Temple University Alumni and Friends www.temple.edu/alumni_friends/index.html and Russell Conwell Center www.temple.edu/RCC/ Web sites.

The Business Agenda

This program offers year-round training on a wide range of practical topics geared to all employee levels. Its curriculum has been carefully designed to meet the ongoing education needs of today's business community in the areas of communications, management and leadership, computer applications, and computer programming. Call 215-204-4335 for more information.

Continuing Studies

Continuing Studies responds to the needs of the growing number of adults who seek new avenues for personal growth. Explore new areas of interest and meet others like yourself in an educational environment designed to fit your schedule. Continuing Studies offers courses in the following areas: Acting, Creative Arts, Dance, Financial Management, Food and Entertainment, Health and Well-Being, Languages, Practical Skills (including GRE, GMAT, and LSAT Preparation), Reading and Writing, and Trips and Tours. Call 215-204-6946 for more information.

Real Estate Institute

Real Estate Institute is the largest professional consumer education program in the tri-state area offering pre-licensure or basic real estate courses as well as a broad spectrum of elective courses, all taught by state-certified real estate instructors. The Real Estate Institute's courses are fully accredited by the Pennsylvania Real Estate Commission and are intended for those seeking state licensure and/or professional advancement but not an academic degree. The courses allow you to qualify for the Pennsylvania Salesperson Licensing examination and, together with a three-year apprenticeship and additional courses, for the Pennsylvania Real Estate Brokers examination. All students who successfully complete each course of study are awarded Real Estate educational credits and a Temple Real Estate Institute transcript plus certificate. Call 215-204-1530 for more information.

Music Prep

Music Prep offers continuing opportunities for musical growth and enrichment for people of all ages and abilities, from the beginner to the experienced musician. There are programs designed for pre-school through high school age students who are considering music as a future career or serious avocation and for adults who wish to develop their musical skills and interests. Call 215-204-1512 for more information.

Temple Association for Retired Professionals (TARP)

TARP is a membership organization designed for retirees. Men and women join TARP to pursue their educational interests at the university level without the traditional course structure. Members become both students and leaders/teachers in the special courses, seminars, workshops, and other educational programs sponsored by TARP. Study and discussion courses cover such topics as current affairs, literature, languages, art, physical education, music, religion, theater, and science. Members also may sit-in on one University undergraduate course each semester, subject to University policy. Call 215-204-1505 for more information.

Temple Senior Scholars

Temple University welcomes its senior alumni back to campus through the Temple Senior Scholars, now in its third year. Co-sponsored by the University and the General Alumni Association, Temple Senior Scholars offers alumni age 60 and up the

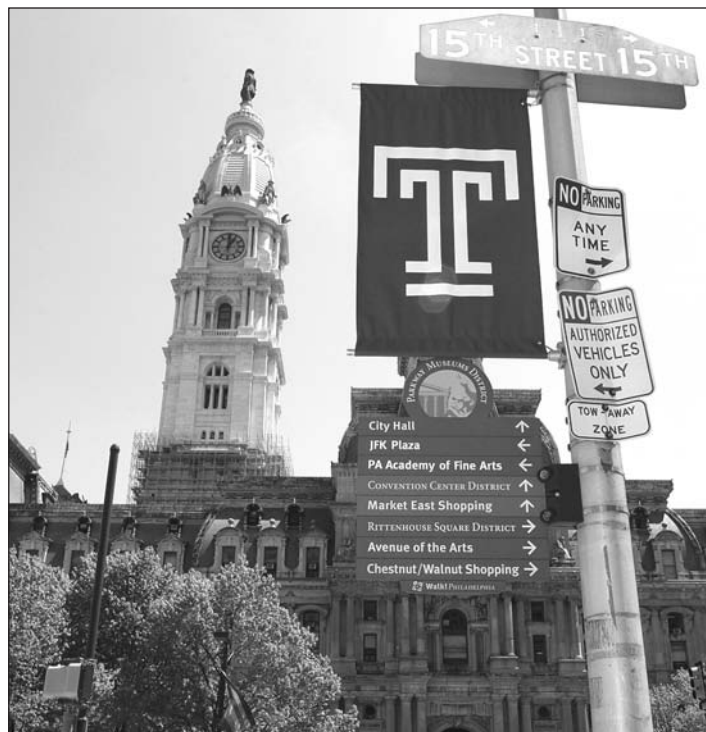
opportunity to return to Temple's thriving Main Campus and audit a variety of regularly scheduled classes for a nominal fee. All courses are taught by Temple's accomplished professors and offer senior alumni the opportunity to interact with a new generation of Temple students while experiencing the joy of lifelong learning.

Discounted parking, library privileges, and courtesy computer accounts are provided to Senior Scholars for the semester. If you are an alumnus/a age 60+ and reside in the greater Delaware Valley and would like to become a Temple Senior Scholar, please contact Christine Brady, Associate Director of Alumni Relations, at 215-204-4313 or christine.brady@temple.edu.

Russell Conwell Center Non-Credit Programs

The Russell Conwell Center (RCC) offers a series of Certificate Programs designed to increase student's proficiency in various skill areas. Sample Certificate Programs include: Public Speaking, Creating Professional Presentations with PowerPoint, Utilizing Access, Becoming Proficient with Excel, and Financial Management, Budgeting and Investing.

To register or for more information, contact the RCC at 215-204-1252.



COURSE SCHEDULE:

www.temple.edu/tu_courses

OWLnet:

owlnet.temple.edu

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OFFICE OF ACADEMIC RECORDS

2004 Conwell Hall
 1801 N. Broad Street
 Philadelphia, Pa 19122
www.temple.edu/registrar

GENERAL INFORMATION

Students planning to register for classes should obtain a Class Schedule.

Separate editions are produced for the fall, spring, and summer semesters.

These publications list the time and location of all courses offered. Copies are available in each advising office.

These listings are also available on the web at the Course Schedule Web site at www.temple.edu/tu_courses.

Advising is required prior to initial registration for students who must register at terminals and is strongly recommended for all students who register through the DiamondLine (215-204-2525) or OWLnet at owlnet.temple.edu. Students should contact their school, college, or department advisors for appointments or information. Generally, advisors and students review options and requirements, select courses, and complete and sign a registration form when necessary. For further information on academic advising, please see **Advising under Student Support and Services section of the Bulletin**.

Also, read the General Registration and Online Registration Information (the DiamondLine and OWLnet) provided on the Web site of the Office of Academic Records

www.temple.edu/registrar.

REGISTRATION POLICIES

Enrollment is not complete until payment of tuition and fees has been made and processed through the Department of the Bursar. Failure to satisfy financial obligations may result in cancellation of a student's current registration; withholding of official transcripts, grades, degrees, and diplomas; denial of the right to register for future sessions; and the assessment of late fees, and collection costs.

Students who withdraw from classes by the end of term's drop/add period (the end of the second week of the fall and spring semesters and summer session) will have the courses deleted from their rosters. This will relieve them of academic responsibility and in many instances financial responsibility associated with the course.

Students who withdraw from classes after the drop/add period are responsible for full payment of all tuition and fees. Unpaid tuition balances may be referred for collection and students held liable for paying all associated collection costs and/or legal fees.

CONTINUING STUDENT REGISTRATION

Continuing Student Registration is the period in which all currently enrolled, matriculated students are required to register each semester, currently enrolled students receive information that outlines the registration schedule and contains important information regarding advising. An installment tuition payment plan is available for students who register for the fall or spring semesters during this period. See **Tuition and Fees section of the Bulletin as well as the printed Class Schedule for payment information**.

Please note the following important information with respect to continuing registration for matriculated students (graduates and undergraduates) enrolled in the current semester:

- For fall semester, held mid-March to mid-April, with initial fall semester bills mailed beginning in late July and due mid-August.
- For spring semester, held mid-October to mid-November, with initial spring semester bills mailed beginning in late November and due in late December.
- Continuing, matriculated students (graduates and undergraduates) may continue to register beyond these dates but must register for their next semester by stated deadlines or risk a late registration penalty. Generally, they must be registered for the spring semester no later than the last day of the fall semester and for the fall semester by July 31. See the **Continuing Student Registration brochure, Registration Dates and Information, and the Class Schedule for the specific deadlines each spring and fall semester**.

This policy is subject to change during the 2005-2006 academic year.

OPEN REGISTRATION

Open registration is available:

- For new students, readmitted students, and continuing students who could not register during continuing student registration
 - For fall semester, held mid-April to late August
 - For spring semester, held late November to mid-January
- An installment tuition payment plan is available for most students who register during this period. See **Tuition and Fees and the Class Schedule for payment information and registration dates**.

LATE REGISTRATION

Temple conducts late registration at the beginning of each semester or summer session. Registration appointments may be required.

A late fee of \$50.00* will be assessed beginning the first day of classes in the fall and spring semesters and each summer session. No initial registrations or registration revisions will be processed after the 2nd week of classes in all semesters. These charges and restrictions apply to both initial and reinstated registrations and are subject to change.

* This fee is assessed earlier to continuing matriculated students who delay their registration. See Continuing Student Registration above.

SCHEDULE REVISION (DROP/ADD)

Students may revise their schedules at any time after they have registered. Students who cannot register by the Web but wish to make changes in their course schedules should complete a Schedule Revision (Drop/Add) form. Approvals required vary according to the time the transaction is completed and the student's college. See the **Schedule Revision Matrix in the printed Class Schedule for information**.

These students must:

- Obtain a schedule revision form from their advising office.
- Complete form with appropriate signatures.
- Take the completed form to their campus registration office.

Students may not add courses or change course sections after the first week of fall and spring semesters and third day of the summer sessions. Dropping a course within the first two weeks of the fall and spring semesters or the summer session results in the deletion of the class from the student's roster. In some instances, it also relieves the student of the financial liability associated with the deleted course. If a refund is due, the provisions of the refund policy will apply.

A charge of \$12.00 is assessed for schedule revision after the first week of classes during the fall and spring semesters and after the first two days of the summer sessions. This fee is assessed each day that a revision is transacted. **See Late Registration and Withdrawal from Classes in Academic Policies and Regulations.**

STUDENT IDENTIFICATION CARDS

Student ID cards are produced on the Main Campus by the Office of Academic Records during New Student Orientation, and at scheduled times throughout the semester. Call 215-204-1131 and select "information on obtaining a student ID" for instructions and scheduled hours.

An ID card is needed for entry into buildings, library privileges, and many University services. Confirmation Cards are issued to all enrolled students at the beginning of each new semester and must be carried with the photo ID.

Replacement cards are available on the Main Campus in the Office of Academic Records, Second floor, Conwell Hall; the Office of Student Financial Services, Ground floor, Carnell Hall; and the Diamond Dollars office, 1910 Liacouras Walk. The cost of a replacement is \$10.00.

ID cards also are issued on the Ambler Campus, Tyler Campus, Health Sciences Center, and on scheduled days and times at the Center City Campus.

ADDITIONAL REGISTRATION INFORMATION

Veterans

Veterans may enroll as full-time or part-time students; however, benefits are based on enrollment status. The Veterans Coordinator in the Office of Academic Records is available to answer questions concerning V.A. benefits at 215-204-7358.

International Students

If a student is on a non-immigrant visa, enrollment for a minimum of 12 credits each semester is required to meet immigration regulations. Non-resident tuition charges are assessed.

Continuing Education Students (non-matriculated students attending Temple prior to formal admission into a degree program)

First-year students may register for a maximum of 11 credits per semester. Second-year students' registrations are based upon academic progress. Continuing Education students are urged to apply for admission after the successful completion of 30 s.h. (2.0 GPA). Preadmission counseling, academic advising, registration, and other support services are provided for non-matriculated day and evening students. Information is available in the *Class Schedule*. **Also see the Continuing Education section of the *Bulletin*.**



OFFICE OF THE BURSAR

115 Carnell Hall
215-204-6720
david.glezerman@temple.edu

STUDENT FINANCIAL SERVICES

LOCATIONS:

Main, Conwell Hall/Carnell Hall
215-204-2244

Richard J. Fox School of Business,
102 Speakman Hall
215-204-8449

Ambler Campus, West Hall 103,
215-283-1403

Health Sciences Center,
LB 41, F.S.U. Bldg.
215-707-2667

Tyler, 300 Tyler Hall
(Wednesday and Thursday only)
215-782-2769

**WEBSITE FOR TEMPLE UNIVERSITY
SCHOLARSHIP OPPORTUNITIES**

www.temple.edu/sfs
Also see individual schools and
colleges.

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PAYMENT OF TUITION

Students' registrations are not finalized until all applicable tuition and fees are processed by the Department of the Bursar. Failure to satisfy all financial obligations, when due, will result in cancellation of a student's current registration, withholding of final grades, official transcripts and diplomas, and denial of the right to register for future sessions. **Students who do not withdraw by the published deadline are responsible for payment of all tuition and fee charges.**

All students must confirm that they will be attending the University with the Department of Student Financial Services. This includes students whose financial aid or tuition remission benefit credits are equal to or exceed the amount due. Confirmation can be accomplished in person at the Office of Student Financial Services, by mail, on the Financial Services section of OWLnet or when paying your bill at the Bursar's office on your campus.

Students have the option to pay their tuition in full or can automatically enroll in the Temple Easy Payment Plan (TEPP), which allows for the tuition to be paid in up to four installments over the semester. Students should refer to the latest *Class Schedule* or other publications for a more detailed explanation of the plans.

Students who select courses, but fail to make their payment on or before the due date on the tuition invoice will have their registration canceled and will be required to re-register and pay late fees.

Acceptable forms of payment include: financial aid vouchers, tuition remission forms, checks (paper and electronic), cash, credit cards, and money orders. Checks or money orders should be made payable to Temple University. Credit cards accepted for on-line payment only through OWLnet include: MasterCard, American Express, and Discover. Please note that credit card payments are subject to a 2.75% convenience fee by the University's processor.

Payment Plans

Temple University offers an Easy Payment Plan for the Fall and Spring semesters to help students who are not fully paying their bills to budget the costs for tuition, room and board, and fees as best fits their personal situations. The Temple Easy Payment Plan will allow students to make up to four payments over the semester. Students who use the Temple Easy Payment Plan pay an \$11 fee per installment.

The University also offers the Temple Installment Payment Plan (TIPP) for those students who need an extended payment option. For more information about this plan, offered through Higher Education Services (HES), go to http://www.temple.edu/bursar/credit_collections/TempleUniv.pdf

Financial Counseling

Students who need assistance in financing their education should see a Financial Counselor in the Office of Student Financial Services (Ground Floor, Conwell/Carnell Hall). Call 215-204-2244 for an appointment.

Student Loan Counseling

The Office of Student Financial Services (SFS) is responsible for completing loan counseling for all students who are receiving federal student loans for the first time (entrance interviews). In addition, this staff can assist students with related financial planning that would help them complete their education at Temple. Students can go to <http://www.fc.campusoncall.com/cgi-bin/home.pl?FromAdmin=1&campus=temple> to complete the entrance interview or call SFS for additional information at 215-204-2244.

Students who are graduating must complete an exit interview on line at <http://www.fc.campusoncall.com/cgibin/home.pl?FromAdmin=1&campus=temple> or contact the Bursar's Office of Credit and Collections, 2nd floor, Carnell Hall at 215-204-5262. This counseling is mandatory for all federal student loan borrowers.

ASSESSING TUITION CHARGES

Tuition assessment at Temple University is based on full-time or part-time status; undergraduate, graduate, or professional classification; level of courses; and in-state/out-of-state residency status.

Full-time Status

Undergraduate students are considered full-time students when carrying between 12-17 semester hours (s.h.). Credits in excess of 17 s.h. are additionally assessed at the per semester hour tuition rate.

International students, holders of non-immigrant visas, are required to pay out-of-state tuition fees and register as full-time students.

There is no distinction between full-time and part-time graduate tuition rates. All graduate students are assessed at a credit hour rate, regardless of the number of credit hours they are taking.

Part-time Status

Undergraduates are considered part-time students when taking fewer than

12 s.h. per semester. Tuition is charged by the semester hour for part-time undergraduates.

Undergraduate Level Course Classification

Undergraduate courses numbered 0001-0399 that are approved for graduate credit are assessed at the graduate tuition rate. Courses numbered 0400 and above are assessed at the graduate tuition rate.

In-State/Out-of-State Residency Status

A student is classified as a Pennsylvania resident for tuition purposes if his or her permanent, legal residence is in Pennsylvania. In-state residency is generally established within the context of the following overall guidelines:

An individual who has not lived in Pennsylvania for a continuous 12-month period immediately prior to registration as a student at a Pennsylvania college or university is presumed not to be a Pennsylvania resident. A student may rebut this presumption with convincing evidence.

A student under 22 years of age is presumed to have the residency of his or her parents or legal guardians. A student may rebut this presumption by presenting convincing evidence of emancipation and independent domicile.

A student who receives financial aid based on residence in a state other than Pennsylvania will not be considered a resident of Pennsylvania.

Students who are not United States citizens or permanent residents of the U.S. cannot be considered residents of Pennsylvania for tuition purposes.

An individual attempting to establish residency for tuition purposes must file a Residency Application with the Office of Academic Records. Evidence requested in support of an application may include, but may not be restricted to, the following: lease or purchase of a permanent, independent Pennsylvania apartment or home; payment of Pennsylvania state and local taxes; transfer to Pennsylvania of bank accounts, stock, automobile, and other registered property; acquisition of Pennsylvania driver's license; acceptance of a permanent full-time job in Pennsylvania upon graduation; membership in Pennsylvania social, athletic, civic, political, and religious organizations; registration to vote in Pennsylvania; and an affidavit of intention to reside indefinitely in Pennsylvania.

Specific questions pertaining to Pennsylvania residency status should be directed to the Office of Academic Records. The telephone number is 215-204-1131.

2005-06 TUITION SCHEDULE

The following schedule applies to the Fall, Spring, First and Second Summer semesters. For a full listing of all tuition rates, visit www.temple.edu/bursar/tuition_rates.htm

Tuition is subject to change by action of Temple University's Board of Trustees.

2005-2006 Rate

Full-time Undergraduate

Pennsylvania Residents	\$9,140
Out-of-State Residents	\$16,736

Boyer College of Music and Dance (Music students only)

Pennsylvania Residents	\$9,288
Out-of-State Residents	\$17,494

Tyler School of Art

Pennsylvania Residents	\$11,054
Out-of-State Residents	\$19,858

Architecture

Pennsylvania Residents	\$9,582
Out-of-State Residents	\$17,530

Health Professions

Pennsylvania Residents	\$11,044
Out-of-State Residents	\$19,692

Part-time Undergraduate

Pennsylvania Residents (per course)	\$354
Out-of-State Residents (per course)	\$596

Health Sciences Programs (Pharmacy, Health Professions)

Pennsylvania Residents (per course)	\$413
Out-of-State Residents (per course)	\$683

UNIVERSITY-WIDE FEES 2005-2006

Fees 2005-2006 are subject to change.

General Activities Fee

Part-time students	\$5
Summer Sessions students	0
Full-time students	\$35 per semester

A Computer and Technology Fee is assessed per semester as follows:

Full-time students	\$100
9 to 11 credit hours	\$100
5 to 8 credit hours	\$72
1 to 4 credit hours	\$34

A Student Health Services Fee is assessed per semester as follows:

Full-time students	\$60
9 to 11 credit hours	\$60
6 to 8 credit hours	\$20
All students in the summer	\$10

Student Recreation Services Fee

Full-time students	\$30 per semester
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A Student Facilities Fee* is assessed as follows:

Fall and spring semesters	\$25 per student per semester
Summer sessions	\$12.50 per student per session

*Excluded from paying this fee are students in TU Rome, Harrisburg, Beijing, and Off-campus locations.

DESCRIPTION OF SPECIAL CHARGES AND FEES

Students may be required to pay some or all of the following (subject to change):

Application Fee

\$35.00 for standard application for admission or \$5.00 for students applying for readmission.

Matriculation Fee

A one-time \$45.00 charge is assessed of all first year students who are degree-

seeking candidates. This fee includes the student orientation program.

General Activities Fee

All full-time students (12 or more semester hours for undergraduate students, nine or more hours for graduate students; and professional law students working toward a degree even if technically part-time) are required to pay a \$35.00 per semester General Activities Fee (GAF).

The purpose of the fee and its related services is to promote and enhance the educational, recreational, social, and cultural life of the student body. Funds derived from the fee will be directly tied to the support of activities and events for students.

Students will receive a Confirmation Card in the mail when the fee is paid. This entitles them to free or discounted admission to a number of campus programs.

Part-time students may purchase a sticker for \$25.00.

Computer and Technology Fee

All students are required to pay the Computer and Technology Fee, which is based on their registration status. Students enrolled for nine or more credits are required to pay a \$100.00 per semester fee, students enrolled for five to eight credits must pay a \$72.00 per semester fee, and students enrolled for one to four credits are required to pay a \$34.00 per semester fee.

The purpose of this fee is to fund purchases of computer equipment and sophisticated technologies for student use. Some of the benefits that students receive from the Computer Tech fee include OWLnet enhancements and development, up to date computer labs and access to a Temple University e-mail account.

Recreation Services Fee

A Student Recreation Services fee of \$30.00 is assessed each semester to all full-time students each semester, excluding students enrolled at Temple University Center City and programs abroad. This fee is designed to provide access to University recreation facilities.

Student Health Fee

Full- and part-time students (nine semester hours or more) are charged \$60.00 per semester during the academic year to help subsidize the basic diagnostic and treatment services provided by nurses and physicians at all four campus locations. Half-time students (six to eight semester hours) pay \$20.00 per semester and all students enrolled for summer sessions pay \$10.00. Gynecology/family planning services and laboratory testing are specialized services available at Main Campus for an additional fee(s).

Student Facilities Fee

Students are charged \$25.00 per semester for the fall and spring semesters and \$12.50 for each summer session to help subsidize the expansion and maintenance of facilities that enhance and improve student life. Excluded from paying this fee are students in Temple University Beijing, Japan, Rome, Harrisburg, and off-campus locations.

Special Tuition Charges

Certain courses have special tuition in lieu of the standard tuition rates. This charge is assessed at the time of registration for the course.

Additional Fees

Certain courses have special fees assessed in addition to the standard tuition. This charge is assessed at the time of registration for the course. See the *Course Schedule* for a listing of courses with additional fees.

The College of Education Program in Jamaica carries a fee of \$663 per course.

Change of Course

A \$12.00 charge is assessed for dropping or adding courses after the initial Schedule Revision period. See *Registration* for details.

Late Registration and Reinstatement Fee Policy

Continuing matriculated students eligible to register but who fail to do so by August 1 for the fall semester, or by the end of the fall semester for the spring semester, will be assessed a \$50.00 late registration fee. All other students will be assessed the \$50.00 late registration beginning the first day of the term. No new registrations or registration revisions will be processed after the end of the 12th week of classes during the fall and spring semesters and after the end of the fourth week of summer sessions.

Late Payment

Tuition payments not received by due dates will be subject to a \$50.00 late payment fee. Students who fail to pay their initial payment by the due date may also have their registrations canceled.

Bad Check Penalty

A \$25.00 fee is assessed for all checks issued to the University and not paid upon presentation to the bank. Registration may be canceled as a result.

Transcript Fee

A \$6.00 fee is assessed for official transcripts from the University.

Graduation Fee

A \$40.00 fee is assessed for graduating seniors.

Health Insurance

Group medical insurance to defray certain medical expenses at hospitals is offered to full-time students during a limited period of time at the start of each semester. Students should contact the Human Resources Benefits Office 215-204-1321, for details concerning costs and application procedures. International students are required to buy medical insurance or show proof of comparable coverage to the Human Resources Benefits Office.

TEMPLE UNIVERSITY TUITION AND FEES POLICY

I. Policy

- A. Tuition charges and fees are based upon the student's enrollment status in the respective schools or colleges. Refunds are made in accordance with the student's academic records.
- B. Students will be charged 100% of their semester bill unless a withdrawal form is processed by a registration office of the University by the Drop/Add deadline date. The Drop/Add deadline date is published in the Class Schedule each semester and is at the end of the second week of the semester. Students who process their withdrawal form by the deadline date will be issued a 100% refund.
- C. No credits will be made if a student does not process a withdrawal form for all registered classes.

II. Exceptions

A. Failure to Process Withdrawal Form by Deadline

Under extreme, extenuating circumstances, an appeal may be made to the Office of Academic Records if the drop transaction is not completed by the deadline and the student did not attend classes after the deadline date. All appeals must be accompanied by the following information:

1. A letter explaining the extenuating circumstances of the appeal.
2. A properly signed schedule revision or official withdrawal form available from the Dean's Office.
3. Supporting documentation that will establish that the student never attended the semester in question or that he/she did not attend beyond the official refund period.
4. Appeals for retroactive withdrawals must be filed within one (1) year from the end date of the semester for refunds to be approved. If the above conditions are met, the Office of Academic Records will direct the removal of the semester's records from the academic history. This automatically results in a 100% refund of tuition and fee charges for the semester.

B. Death of a Student

In the event of death during a semester, the student's account will be credited with a 100% refund of tuition and fee charges for the semester.

C. Serious Illness Which Prevents a Student from Attending Classes

In the event of a serious personal or family member's illness, the following steps can be taken:

1. The student should provide the Department of Student Financial Services with:
 - a. A letter from the student listing the reason(s) for their refund request (i.e., personal or family illness, etc.).
 - b. Certification from a licensed physician verifying that the student or family member was ill. In the case of the student's illness, the certification should indicate that the illness prevented the student from attending class, and
 - c. Letter(s) from the student's instructor(s) or department chairperson(s) that, based on the actual or anticipated length of the student's leave, the course work cannot be completed within the current term and the last day of attendance.
 - d. The student must withdraw from all registered courses. NOTE: For purposes of this policy, a family member is defined as the student's parents, spouse, child(ren), or any other family member noted under the federal Family Leave Act.
2. When the above criteria in C.1 are met, the student's bill will reflect an adjusted tuition charge in accordance with the attached schedule. A credit will be issued on a pro-rated basis after:
 - a. Confirming that the student has no other outstanding balances, and
 - b. Having the Department of Student Financial Services adjust any financial aid awards, where applicable, in accordance with state and federal regulations. NOTE: Student refunds will be issued as a credit towards tuition and fees for future registrations up to one (1) year after the end of the semester in which the withdrawal took place. Unused credits will be forfeited after that time.
3. The effective date for all medical credits will be based on the earlier of either:
 - a. The official date of withdrawal, as established by the Office of Academic Records, or
 - b. The physician's date of certification, if the student is physically unable to complete a withdrawal by the end of the semester.
4. Refunds or credits resulting from the death or serious illness of the student will not require the deletion of courses from the student's academic records. The student's record will reflect withdrawals.

D. Employment Change/Relocation

1. If a student must withdraw from classes because of a job change or shift in work hours, the student may request a pro-rata credit, based on the actual withdrawal date and in accordance with the Fee Schedule of Adjusted Tuition Charges, if documentation from the employer is provided showing that the individual is no longer able to take classes because of a change in job status.
2. This provision applies solely for the student and only after the student has totally withdrawn from all registered courses.

III. Authority

- A. The Office of Academic Records will have authority for determining the student's academic records.
- B. The Director of Student Financial Services will have authority for approving financial exceptions to the policy.
- C. Appeals of any decision outlined under this policy will be made to the University Refund Appeal Committee, whose decision is final.

TUITION AND FEES REFUND POLICY

Fee Schedule of Adjusted Tuition Charges in the Event of an Exception to the General Policy

Date of Official Withdrawal Fall and Spring Semesters	Adjusted Tuition Charges You Pay
1st through 7th calendar day after the end of the Drop/Add deadline date	30%
8th through 14th calendar day after the end of the Drop/Add deadline date	40%
15th through 21st calendar day after the end of the Drop/Add deadline date	50%
22nd through 28th calendar day after the end of the Drop/Add deadline date	60%
29th through 35th calendar day after the end of the Drop/Add deadline date	70%
36th through 42nd calendar day after the end of the Drop/Add deadline date	80%
43rd through 49th calendar day after the end of the Drop/Add deadline date	90%
Thereafter	100%
Date of Official Withdrawal 1st and 2nd Summer Semesters	Adjusted Tuition Charges You Pay
1st through 3rd calendar day after the end of the Drop/Add deadline date	30%
4th through 7th calendar day after the end of the Drop/Add deadline date	40%
8th through 10th calendar day after the end of the Drop/Add deadline date	50%
11th through 14th calendar day after the end of the Drop/Add deadline date	60%
15th through 17th calendar day after the end of the Drop/Add deadline date	70%
18th through 21st calendar day after the end of the Drop/Add deadline date	80%
22nd through 24th calendar day after the end of the Drop/Add deadline date	90%
Thereafter	100%

STUDENT FINANCIAL SERVICES

John F. Morris, Director, Student Services

*Conwell Hall, Ground Floor
215-204-8760*

*www.temple.edu/sfs
sfs@temple.edu*

LOCATIONS:

*Main, Conwell Hall/Carnell Hall
215-204-2244*

*Fox School of Business and Management,
102 Speakman Hall
215-204-8449*

*Ambler Campus, West Hall 103
215-283-1403*

*Health Sciences Center,
LB 41, F.S.U. Bldg.
215-707-2667*

*Tyler, 300 Tyler Hall
(Wednesday and Thursday only)
215-782-2769*

**WEBSITE FOR TEMPLE UNIVERSITY
SCHOLARSHIP OPPORTUNITIES**

www.temple.edu/sfs

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**Sample Budgets for 2005-2006
Academic Year**

	<i>In-state</i>	<i>Out-of-state</i>
<i>Tuition and Fees</i>	<i>\$ 9,640</i>	<i>\$17,235</i>
<i>Books/Supplies</i>	<i>\$ 800</i>	<i>\$ 800</i>
<i>Living Expenses/ Transportation</i>	<i>\$ 8,680*</i>	<i>\$ 8,680*</i>
Totals	\$19,012*	\$26,536*

**NOTE: This is an average. Actual rates may vary depending on college, school, program, housing location and meal plan selected.*

APPLICATION PROCEDURES

Documents Needed to Apply

The only document required is the Free Application for Federal Student Aid (FAFSA). A FAFSA must be filed each year a student expects to receive financial aid. Applications are available at all SFS locations and also may be filed online, at www.fafsa.ed.gov. The federal code for Temple University, Main Campus is 003371. Locations and phone numbers for Temple campuses are listed in the Information at a Glance section.

Application Deadlines

New Students – March 1

Continuing Students – March 1

Priority consideration is given to new and renewal applications received by the Federal Processor by this date. Late applicants will be considered, but all funding sources may not be available.

INTERNATIONAL STUDENTS

The Office of International Services, 215-204-7229, offers limited financial assistance to persons holding non-immigrant visas. Federal regulations limit most financial aid to U.S. citizens or eligible non-citizens, i.e., permanent resident aliens. Questions about immigrant status should be referred to the office.

ACADEMIC REQUIREMENTS

Applicants for Federal, State, and University financial aid programs administered by Temple University must be accepted for admission or currently enrolled as a matriculated student in a degree or certificate program. Exceptions to this requirement are the Federal Stafford Loan or PLUS Loan Programs. A non-matriculated student may be eligible for a Federal Stafford or PLUS Loan if the student is enrolled in a course of study necessary to prepare for admission in a degree or certificate program. Students enrolled in the Qualifying Program have one 12-month period beginning on the first day of the loan period for which the student is enrolled.

Satisfactory Academic Progress

Financial aid funds are restricted to students who make satisfactory academic progress. This is defined as maintaining Academic Good Standing according to University Policy and successfully completing a specified number of credits per academic year based on the student's enrollment status. See **Academic Warning, Probation, Dismissal and Reinstatement.**

Enrollment Status

Some financial aid programs are restricted to full-time students. Other aid programs are available to both full-

time and part-time students. (Note: High school students accepted under the Early Admissions Program are not eligible for financial aid until they receive their high school diploma.)

Students should be aware that dropping and adding courses can affect financial aid eligibility, and they must notify the Department of Student Financial Services of any change in enrollment status.

Academic Dismissal/Reinstatement:

Eligibility for financial aid, including federal work-study, ends if a student is academically dismissed.

**FINANCIAL AID ELIGIBILITY –
NEED ANALYSIS**

Financial aid is offered to students based on financial need. The U.S. Department of Education establishes the federal definition of need. Need is determined by the following formula:

$$\text{(Estimated cost of attendance) – (Expected Family Contribution*) = (Expected Financial Aid) = Need}$$

*Family contribution is determined by a federal formula based on information reported on the student's application.

The result of a need determination is met by a combination of awards called a financial aid package. Packages in 2004-2005 generally met 78% of student need, including the Federal Family Educational loans.

Other sources exist that may be available to students for educational assistance. Some of these are private scholarship programs, Cooperative Education programs, Veterans Administration benefits, public assistance, and Social Security benefits. If outside assistance is received, financial aid awarded by the University may be adjusted.

**INDEPENDENT STUDENT
DEFINITION**

Federal regulations define an independent student if he/she meets one of the following criteria:

1. You were born before January 1, 1982.
2. You are a veteran of the U.S. Armed Forces.
3. You are a graduate or professional student.
4. You are married.
5. You are a ward of the court, or both your parents are deceased.
6. You have legal dependents other than a spouse.

Federal regulations require that a student not meeting the definition of independent apply as a **dependent**. These students must provide income, asset, and household information for themselves and their parent(s) (including stepparent(s)).

EDUCATIONAL BUDGET

Financing one's education takes planning and budgeting. Students should try to plan ahead, anticipating costs and resources, and should request aid for the entire academic year. The basic budget for a year at Temple should include tuition and fees, books and supplies, living expenses, and transportation. Tuition example shown at left is for undergraduates attending Main Campus. Financial aid awards will be adjusted accordingly for programs having different tuition rates. The figures in the table are based on estimates from the U.S. Bureau of Labor Statistics. The economy and one's style of living may make actual costs higher or lower.

**FINANCIAL AID NOTIFICATION
AND REFUND POLICY**

Applicants are notified of aid eligibility by letter after applications have been reviewed. Financial aid may consist of a combination of grant, loan, and/or work assistance.

Recipients receiving aid in excess of institution charges will receive a refund. Checks are issued according to the University's established schedule, starting immediately after the end of the first week of classes each semester.

STUDENT EMPLOYMENT

Academic Year

The Federal Work Study (FWS) program at Temple promotes part-time employment of college students with demonstrated financial need. FWS is awarded as part of the student's financial aid package, but the award is not credited to the student's tuition account.

Employment may be within the University or at other public and private non-profit organizations. Each year, the Office of Student Financial Services lists available work-study positions for students in the Job Bank on their website, www.temple.edu/sfs; however, students are responsible for arranging their own employment.

Summer Sessions

Summer Federal Work-Study Program awards need-based funds to full-time students currently enrolled in degree or certificate programs. The Student Financial Service Office compiles a list of available positions, but you must arrange your own employment. You must complete a separate Temple Summer Financial Aid application as well as the FAFSA. Both applications are available on the SFS website under the Applying for Aid section, or please call the Student Financial Services Office at 215-204-2244 to request both applications.

STUDENT FINANCIAL SERVICES**LOCATIONS:**

Main, Conwell Hall/Carnell Hall
215-204-2244

Richard J. Fox School of Business,
102 Speakman Hall
215-204-8449

Ambler Campus, West Hall 103,
215-283-1403

Health Sciences Center,
LB 41, F.S.U. Bldg.
215-707-2667

Tyler, 300 Tyler Hall
(Wednesday and Thursday only)
215-782-2769

WEBSITE FOR TEMPLE UNIVERSITY SCHOLARSHIP OPPORTUNITIES

www.temple.edu/sfs

The following grants and scholarships have individual eligibility requirements and procedures. Be sure to read the requirements for each carefully.

State Grant information for Pennsylvania residents is listed under "Pennsylvania State Grant (PHEAA)".

Non-Pennsylvania residents should check with their respective state agency for state grant information.

The U.S. Department of Education provides a full list of higher education agencies by state at the Education Resource Organizations Directory.

http://wdcrobcolp01.ed.gov/Programs/EROD/org_list.cfm?category_ID=SEA

Students residing in states other than Pennsylvania can contact their state education department directly to inquire about scholarship and grant opportunities. A directory of state educational grant agencies can also be found online through the College Financing Guide Web site. <http://www.collegefinancingguide.com/directory.html>

Not all state grant programs are transferable if a student is attending a school outside of their home state.

TEMPLE UNIVERSITY GRANTS

Temple University Grants are institutional funds available to students as a way of supplementing other aid sources. These funds are generally awarded based on need, with priority consideration given to applicants whose FAFSA is received by the federal processor by March 1.

Temple Scholars Award

Entering freshmen with excellent high school grades and test scores are offered four-year academic merit scholarships ranging from \$1,000 to \$10,000 for up to four years of full-time undergraduate study. The award is made by the Office of Undergraduate Admissions at the time of acceptance based on the admission application.

Philadelphia Outstanding Achievement Scholarships:

Entering freshmen who live and attend high school in Philadelphia may apply. Recipients are generally in the top 10% of their high school graduating classes. Scholarships are renewable for four years as long as the student maintains a 3.0 GPA. Awards are for either half or full tuition. Students are nominated by their high schools. A University committee reviews the nominees and notifies schools and students of their awards, usually by March 15. Students must apply for admission to Temple by February 15. Up to three students may be selected from each nominating high school. Interested students should contact their high school principals or guidance counselors by January 1.

Music Scholarships

Music scholarships are awarded on a competitive basis to students of exceptional musical ability. These awards are given to vocalists participating in the various University choirs and instrumentalists participating in the University Orchestra, bands, and other ensembles. Recipients may matriculate in any of the undergraduate colleges. Prospective applicants should contact the College of Music at 215-204-8301 to arrange for an interview.

Temple University Diamond Bands

Membership in the Diamond Bands is open to all qualifying students from any school, college, or campus of the University. At Temple, the Bands serve the entire student population; membership, therefore, includes not only music majors but also a large proportion of students representing almost every academic area of the University.

Scholarships are available to students selected for membership in the Diamond Bands in varying amounts based on participation and musicianship as determined by the College of Music.

For further information, contact the Director of Bands, Room 315, Presser Hall, Temple University, Philadelphia, PA 19122 or call 215-204-8321.

Athletic Scholarships

Athletic scholarships are available in all varsity sports. The number of scholarships, the requirements, standards, and awards are controlled by Temple University and by the National Collegiate Athletic Association (NCAA). For further information, contact the Department of Intercollegiate Athletics, 215-204-7447.

Army ROTC Scholarships and Grants and Air Force ROTC Scholarships:

See Military Science under Academic Services and Programs.

STATE AND FEDERAL GRANT PROGRAMS

To be eligible for the following grants, students must complete the Free Application for Federal Student Aid (FAFSA).

Pennsylvania State Grant (PHEAA)

The Commonwealth of Pennsylvania funds a grant program for undergraduate Pennsylvania residents who will be matriculated students enrolled full time (12 or more credit hours per semester) and part-time (6 -11 credits) during the academic year. This program is administered by the Pennsylvania Higher Education Assistance Agency (PHEAA).

See note for non-Pennsylvania residents grant information in side bar.

Federal Pell Grants

To be eligible for a Pell Grant, one must be a matriculated student enrolled in an undergraduate degree program who has not earned a bachelor's or professional degree. Notification of awards will be made in the student's award letter.

Federal Supplemental Educational Opportunity Grant (FSEOG)

FSEOG is a federal grant program administered by the University. Awards are based on exceptional need and availability of funds.

STUDENT LOANS**Federal Perkins Loans**

Perkins Loans are made by the University from funds provided by the Federal government. These loans are included as part of the financial aid package. The amount of the loan is based on the student's need and availability of funds.

Federal Stafford Loans

Stafford Loans are available to students enrolled for at least six credits per semester. Annual limits are: \$2,625 freshman, \$3,500 sophomore, and \$5,500 all other undergraduate levels. For all undergraduate study, the maximum

that may be borrowed is \$23,000.

Unsubsidized Stafford loans are available to independent undergraduate students at a variable interest rate. Dependent students may borrow only if the parent(s) is unable to borrow a PLUS. Loans may be requested up to \$4,000 for freshmen and sophomores and \$5,000 for the junior year and above.

Federal Parent Loans for Undergraduate Students (PLUS)

PLUS loans are available to the parents of undergraduate students at a variable interest rate. Parents may borrow amounts not to exceed the cost of attendance.

Nursing Student Loans (NSL)

NSL are made by the University from funds provided by the federal government. These loans are included as part of the financial aid package. The amount of the loan is based on the student's need and availability of funds. Students may borrow up to \$2,500 per academic year.

Pharmacy Health Profession Loans

Pharmacy Health Profession Loans are made by the University based on demonstrated financial need. Funds are provided by the federal government. Pharmacy students may borrow a maximum of \$2,500 plus the cost of tuition.

Entrance/Exit Interviews

Federal law requires that every student borrowing from the programs listed above have an entrance and/or exit interview. During these sessions, a counselor will explain the provisions of loan repayment and deferment options.

Stafford loan funds will not be released without the entrance requirement, and students may not graduate until the exit interview is completed. Any student withdrawing from the University before graduation must contact the Office of the Bursar at 215-204-6170 to schedule an exit interview. Students failing to do so will have a hold placed on their records.

School and College Loan Fund

Loans are available from the University's individual schools and colleges based on financial need and/or other criteria. Students should contact the appropriate Dean's Office or department chair for more information.

OTHER PROGRAMS

In addition, a number of Temple's schools and colleges have Privately Sponsored Scholarships available for students in their programs. Details may be found in the individual school or college descriptions.

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Every registered student agrees to abide by an overall set of values, principles and regulations mandated by the University. In order to remain in good standing, it is imperative that each student assume responsibilities throughout his/her enrollment at Temple. Students also have a number of rights, which protect their interests. This section details these important responsibilities and rights.

ACADEMIC HONESTY

Temple University believes strongly in academic honesty and integrity. Plagiarism and academic cheating are, therefore, prohibited. Essential to intellectual growth is the development of independent thought and a respect for the thoughts of others. The prohibition against plagiarism and cheating is intended to foster this independence and respect.

Plagiarism is the unacknowledged use of another person’s labor, another person’s ideas, another person’s words, another person’s assistance. Normally, all work done for courses – papers, examinations, homework exercises, laboratory reports, oral presentations – is expected to be the individual effort of the student presenting the work. Any assistance must be reported to the instructor. If the work has entailed consulting other resources – journals, books, or other media – these resources must be cited in a manner appropriate to the course. It is the instructor’s responsibility to indicate the appropriate manner of citation. Everything used from other sources – suggestions for organization of ideas, ideas themselves, or actual language – must be cited. Failure to cite borrowed material constitutes plagiarism. Undocumented use of materials from the World Wide Web is plagiarism.

Academic cheating is, generally, the thwarting or breaking of the general rules of academic work or the specific rules of the individual courses. It includes falsifying data; submitting, without the instructor’s approval, work in one course which was done for another; helping others to plagiarize or cheat from one’s own or another’s work; or actually doing the work of another person.

The penalty for academic dishonesty can vary from receiving a reprimand and a failing grade for a particular assignment, to a failing grade in the course, to suspension or expulsion from the University. The penalty varies with the nature of the offense, the individual instructor, the department, and the school or college.

Students who believe that they have been unfairly accused may appeal through the School or College’s academic grievance procedure. See **Grievances under Student Rights in this section.**

ATTENDANCE

Enrollment in a course presupposes intention to attend regularly. Attendance requirements should be announced by the instructor at the beginning of the course. The student who is absent for any reason is responsible for work missed. If a pattern of excessive absences develops, the instructor may report this fact to the student’s advisor through the department in which the student is enrolled.

The student should understand that excessive absences may, at the option of the instructor, jeopardize the grade and/or continuance in the course. Although attendance is basically a matter between the student and the instructor, either may request the counsel of the advisor or the Office of the Dean in special cases.

Students should consult the policies and regulations of their own school or college for any further specifications of attendance policy.

CLEARING HOLDS

A “hold” is a note placed on a student’s record by an administrator or Dean’s Office that may affect a student’s ability to register for courses, to apply for graduation or to receive transcript services or degree audit reports.

Students may receive holds on their records for financial, academic, or disciplinary reasons. Students are obligated to resolve holds as quickly as possible, working with their academic advising office, student financial services or other offices, as appropriate. Academic holds may be caused by failure to declare a major by the appropriate time, low GPA, or failure to make academic progress. Students receiving a “See College Dean” hold should meet with their academic advisor as soon as possible.

CODE OF CONDUCT

The Temple University Student Code of Conduct can be viewed at <http://policies.temple.edu>. Printed copies are available at the Dean of Students’ Office.

Temple University has the responsibility to formulate and enforce rules of conduct which are necessary for the furtherance of its educational goals and essential activities. In particular, the University has an obligation to protect itself from any acts which tend to impede, obstruct, or threaten its normal operations. While this authority is inherent, the University attempts to delineate its expectations as clearly as possible and publish its regulations. Students, both as individuals and as members of student organizations, are responsible for apprising themselves of and complying with all applicable, existing regulations in the *Undergraduate Bulletin* and in the *Student Handbook* and any regulations that may be subsequently promulgated through appropriate publications of the University community. Copies of *Student Rights*, the *Code of Conduct*, and the *Disciplinary Procedure* may be obtained from the Office of Judicial Affairs.

The University Disciplinary Committee is responsible for administering the Student Code of Conduct. Violations of the University’s Code of Conduct including, among other things, stealing, cheating, disorderly conduct, plagiarism, and possession of illegal drugs may result in a student’s being brought before the University Disciplinary Committee. A finding of responsibility may result in a fine, suspension, and/or dismissal. A disciplinary hold is placed on the student’s record until sanctions are fulfilled.

FINANCIAL OBLIGATION TO THE UNIVERSITY

Being a Temple student means incurring a financial obligation to the University. An important part of taking responsibility for your education is to be aware of financial charges, payment and financial aid procedures, and all relevant deadlines, and to make sure that forms are submitted and bills paid on time. Even if someone else is paying the bills, you are responsible for remaining in good financial standing with the University. Failure to satisfy financial obligations, when due, can result in cancellation of your current registration, denial of the right to register for future sessions, delay in graduation, and withholding of official transcripts and diplomas after graduation.

Your registration for courses is not final until all applicable tuition and fees are processed by the Office of Student Financial Services. For information on registration, its financial aspects, and the impact of registration changes on your financial obligation to the University, please see Registration section of the Bulletin.

For current tuition rates and fees, see **Tuition and Fees in this Bulletin and the Student Financial Services Web site** www.temple.edu/SFS/.

For information about payment, and about Financial Aid, Financial Aid requirements for satisfactory academic progress, and the impact of registration changes on your eligibility for aid, see **Student Financial Services in this Bulletin and the Student Financial Services Web site** www.temple.edu/SFS/.

For information on campus housing and meal plans, see **Student Support and Services in this Bulletin, and the Office of University Housing Web site at** www.temple.edu/housing.

See your school's or college's policies on graduation procedures for information on the impact of unmet financial obligations on clearance for graduation.

HEALTH AND SAFETY ISSUES

Alcohol Policy

In accordance with Pennsylvania law, no individual under the age of 21 may possess or consume alcohol on University property. Student organizations may not serve alcohol at campus events. The use of alcohol in the Residence Halls and University-owned housing is covered in the Proprietary Policies developed by the Office of University Housing and in the Student Code of Conduct. Please also see the University's Student Alcohol and Drug Policy www.policies.temple.edu/, *Student Code of Conduct* www.temple.edu/assistance and *Guide to Residential Life* www.temple.edu/housing.

Drug Policy

The unlawful manufacture, distribution, dispensation, possession or use of controlled substances in any facility or worksite of Temple University is strictly prohibited. Please see the University's Student Alcohol and Drug Policy www.policies.temple.edu/

Immunizations

Under Pennsylvania state law, all students living in University-owned or operated Housing are required to submit proof of a one-time meningococcal vaccination, or submit a signed waiver. In addition, entering students are strongly advised to submit to Student Health Services proof of two measles immunizations (usually given as MMR), or serologic proof of measles immunity. Other immunizations which are routinely recommended for college students are rubella, mumps, diphtheria-tetanus, varicella (chickenpox) for those who have not had the disease, and Hepatitis B. Some students may also need Hepatitis A, IPV (polio booster), pneumococcal, or influenza vaccines; check with your doctor.

International students must demonstrate that they are free of active tuberculosis. Students will be advised to have a PPD skin test and have a Tuberculosis Screening Record completed. Prior BCG vaccination does not exempt students from this evaluation.

Medical Fees and Insurance

Students are responsible for any medical fees incurred outside of Student Health Services, including those incurred at Temple University Hospital. Group medical insurance is offered at the beginning of each semester through the Benefits Office. Full-time students may enroll for health coverage in the months of September (effective September 1) or February (effective March 1). Students are urged to carry this insurance or a comparable policy. Students who are insured should keep in their possession the receipt of the above group policies or identification cards for other policies. All new and continuing international students in both J-1 and F-1 status are required to carry health insurance that meets certain minimum standards determined by the United States Information Agency (USIA). These students will be enrolled in the Low Option of Blue Cross/Blue Shield Plan, as well as the International Group Services Plan. For more information, contact the Benefits Office at 215-204-1321.

SARS

Temple University has adopted a policy on SARS, which may be viewed at policies.temple.edu/getdoc.asp?policy_no=04.64.11.

INTERNATIONAL STUDENTS

Temple University requires all new and continuing international students in Nonimmigrant Student (both F-1 and J-1) status to carry health insurance that meets certain minimum standards determined by the United States Department of State. For detailed information, please see:

www.temple.edu/ois/insur.htm.

All international students in Nonimmigrant Student (F-1 and J-1) status must maintain their nonimmigrant status insofar as regulations of the United States Citizenship and Immigration Services (USCIS) and the United States Department of State (DOS) are concerned. In general, students in this status must complete a full-time course load each academic term while they remain in the United States and must not accept unauthorized on-campus or off-campus employment. For detailed information, please see:

www.temple.edu/ois/maintain.htm.

Eligibility for employment for individuals in Nonimmigrant Student (F-1 and J-1) status is based on regulations of the USCIS and the DOS. For detailed information, please see www.temple.edu/ois/empleig.htm.

Major medical health insurance is required for all international students in Non-immigrant Student (F-1 and J-1) status. International students are required to submit to the University's Benefits Office evidence of coverage by a health insurance policy that meets the minimum coverage required by Temple University (consistent with standards established by the United States Department of State): maximum deductible of \$500 per accident or illness; payment of at least 75% of covered medical expenses; maximum benefit of \$50,000 per accident or illness; repatriation benefits of no less than \$7,500; and medical evacuation benefits of no less than \$10,000. Students may also purchase such health insurance upon arrival at Temple University. For further information, please contact the University's Benefits Office at 215-204-1321.

In addition, international students must demonstrate that they are free of active tuberculosis by submitting to Student Health Services a Tuberculosis Screening Record, which has been certified by a licensed physician. International students may meet this requirement upon arrival at Temple University by taking a PPD test at Student Health Services.

A mandatory orientation session is held for new international students at the beginning of each academic term;

for more information, please see the **Orientation section in this Bulletin**.

For more information about maintaining Nonimmigrant Student (F-1 and J-1) status, please see www.temple.edu/ois.

REGISTRATION

Students must be appropriately registered for courses. Students not on the published grade list may not receive a grade or credit for a course. Use your OWLnet screens to confirm your billing and registration status. If you add or drop a course, or revise your class schedule, check OWLnet to make sure that your registration record is accurate. Be warned, if you are registered for a course but don't attend, you will be billed for the course, and your instructor should post a final grade of "F"

TEMPLE E-MAIL ACCOUNTS

All students are required to obtain a Temple e-mail address and follow guidelines for University use of e-mail; the policy establishes your Temple e-mail account as an approved channel of communication for sending you official University notifications and important information. Visit <https://accounts.temple.edu/> in order to obtain your account.

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OFFICE OF AFFIRMATIVE ACTION

Sandra A. Foehl,
Associate Vice President
 109 University Services Building
 215-204-7303/7335
 Fax: 215-204-8052
www.temple.edu/affirmative_action

DISABILITY RESOURCES AND SERVICES

Dorothy Cebula, Ph.D., Director
 100 Ritter Annex
 215-204-1280
 215-204-1786 (TTY)
 215-204-6794 (Fax)
www.temple.edu/disability/

STUDENT OMBUDPERSONS

See your school and college Dean's office or Student Assistance Center.

FERPA/PRIVACY GUIDELINES

As is required by the Family Educational Rights and Privacy Act (FERPA) of 1974, with certain exceptions, generally Temple University cannot disclose a student's education records without the written consent of a student or without proof by a parent that the student is dependent on his/her parents for federal income tax purposes.

FERPA provides the following rights for students, as described above, and for the parents of dependent students attending Temple University:

- The right of a student, with minor limitations, to inspect and review his or her education records;
- The right to request amendment of a student's education records to ensure that they are not inaccurate, misleading, or otherwise in violation of the student's privacy or other rights;
- The right, with certain exceptions, to consent to disclosures of personally identifiable information contained in the student's education records;
- The right to withhold public disclosure of any or all items of so-called "Directory Information" by written notification to the Office of the Dean of Students within two weeks after publication of this notice. Under current University policy, the item "Directory Information" includes a student's name, street address, e-mail address, confirmation of enrollment status (full-time/part-time), dates of attendance, degree received, awards received (e.g., Dean's List), major field of study, participation in officially recognized activities and sports, and weight and height of members of athletic teams.
- The right to file a complaint with the United States Department of Education concerning the alleged failure of Temple University to comply with the requirements of FERPA and of the implementing regulations.

The procedures for exercising the above rights are explained in "Temple University's Policy Regarding Confidentiality of Student Records," copies of which are available in the office of the Dean of Students, and on Temple's Web site at www.policies.temple.edu/ferpa.

Included in this Policy is a description of the types and locations of educational records maintained by the University.

If you or your parents' primary or home language is not English, upon your request, reasonable efforts will be made to provide you with a translated copy of this "Annual Notice," as well as

with "Temple University's Guidelines Pertaining to Confidentiality of Student Records."

Please note that, in compliance with a 1997 federal statute designed to advance military recruiting, Temple may release dates of birth to the military unless the student notifies Temple that he or she wishes this information withheld.

FERPA Waiver

A student may consent to the release of information from education records to parents, guardians or other appropriate persons. Students may provide the University with their consent by completing the FERPA waiver on-line via OWLnet <http://owlnet.temple.edu>.

DISABILITY SERVICES:

Dorothy M. Cebula, Ph.D., Director
 100 Ritter Annex
 215-204-1280
 215-204-1786 (TTY)
 215-204-6794 (Fax)

<http://www.temple.edu/disability>

Under the Americans with Disabilities Act (ADA), Section 504 of The Rehabilitation Act of 1973, and Section 508 of the Rehabilitation Act of 1998, Temple University strives to make programs, activities and services accessible for persons with disabilities. Disability Resources and Services (DRS) is the department that facilitates access for students with disabilities at the University. Please see [Support_services/support_services.shtm](http://support_services/support_services.shtm) Student Support and Services section of the Bulletin for detailed information on Disability Resources and Services.

PROTECTION FROM DISCRIMINATION AND HARASSMENT

Equal Opportunity

Temple University is committed to a policy of equal opportunity for all in every aspect of its operations. The University has pledged not to discriminate on the basis of race, color, sex, age, religion, national origin, sexual orientation, marital status, or disability. This policy extends to all educational, service, and employment programs of the University.

Affirmative Action at Temple has these inclusive objectives: To support the admission and successful participation of disadvantaged students, students with disabilities, and those for whom English is a second language. To employ and advance in employment qualified women, minorities, individuals with disabilities, disabled veterans, and veterans of the Vietnam era.

Temple University's equal opportunity/affirmative action program complies with federal regulations. For more information or to review Temple's Affirmative Action Plan, contact the Office of Affirmative Action, 109 University Services Building 215-204-7303.

Discrimination

A student or employee who thinks he or she is being discriminated against because of race, color, religion, gender, national origin, age, disability, sexual orientation, or marital status should contact the Office of Affirmative Action. It is this office's responsibility to help the student file a complaint through the appropriate grievance procedures and attempt to remedy any affirmative action problem it discovers in the course of an investigation. Complaints of sexual harassment may also be reported here.

Sexual Harassment

Temple University is committed to providing a learning, working, and teaching environment that emphasizes the dignity and worth of every member of its community, free from discriminatory conduct. Sexual harassment in any form or context is inimical to this and will not be tolerated. Sexual harassment subverts the mission and the work of the University and can threaten the career, educational experience, and well-being of students, faculty, and staff.

The University recognizes that sexual harassment may occur regardless of the formal position or status of each person involved. Sexual harassment is especially offensive, however, when it occurs in relationships between teacher and student or between supervisor and subordinate. In those situations, sexual harassment exploits unfairly the power inherent in the position of the faculty member or supervisor.

Sexual harassment also constitutes a form of sex discrimination that is illegal under Title VII of the Civil Rights Act of 1964, Title IX of the Elementary/Secondary Education Act of 1972, and state law. In addition to any sanctions that may be imposed by the University for violation of this policy, a person who sexually harasses another person may be held personally liable to the victim and be subject to sanctions independent of those imposed by the University.

Persons who feel they have been the victim of sexual harassment may make an informal complaint to any Sexual Harassment Ombudsperson. For the names of the Sexual Harassment Ombudspersons designated in a specific school or college, contact the Dean's Office, the Office of Affirmative

Action www.temple.edu/affirmative_action, 215-204-7303/7335 or the Sexual Assault Counseling and Education Program www.temple.edu/counseling/services.html#sace, 215-204-7276.

Students, faculty, and staff may bring a formal administrative complaint of sexual harassment by filing a written complaint directly with the University's Office of Affirmative Action and are not required, but are encouraged, to utilize informal resolution procedures before filing a formal complaint.

University policies on sexual assault and harassment, which includes procedures for filing complaints, are available from the Office of Affirmative Action, 109 University Services Building, 215-204-7303 or TTY: 215-204-6772.

GRIEVANCES

Title IX of the Education Amendments Act of 1972 requires that each college or university establish due process for the resolution of academic grievances. Undergraduate students enrolled at Temple University have the right to appeal any academic or non-academic matter in which they feel they have been treated unfairly.

While each school and college at Temple University has established and adheres to its own grievance procedure, all have in common the following steps:

1. Students attempt resolution through discussion with the instructor.
2. Failing agreement, students present appeals to the Chair of the Department, specifying the nature of the grievance, the result of the previous discussion, and the resolution sought.
3. Failing agreement at the Department Chair level, students may appeal to the Office of the Dean of the College.
4. When appeals warrant review beyond the school or college, students, faculty members, or the dean's office may appeal to the Vice Provost for Undergraduate Studies.

Details that may vary from school to school include the involvement of a student-ombudsperson; the constitution of grievance hearing committees, which may be a part of either step two or three; and time limits, both for students' filing and for the administrative response.

Students should be advised that filing a formal grievance, that is, beyond the level of the instructor, is serious and should be avoided until all informal methods of adjudication have been used.

For further information on academic grievance procedures, students should inquire in their Dean's office or with an advisor or the student-ombudsperson in the relevant school. For non-academic grievances, further information is available from the Office of the Student Affairs Ombudsperson, Katie D'Angelo, Director, Student Assistance Center 215-204-8531.

INSTRUCTOR OFFICE HOURS

Full-time faculty are required to hold a minimum of three office hours per week and should schedule one hour immediately before or after one of the scheduled class meeting times for each course. Adjunct instructors are required to schedule on office hour per week for each class they teach and should schedule that hour either immediately before or after one of the scheduled class meeting times for that course. Make it a point to talk with you instructors about your academic work and progress.

NONSMOKING POLICY:

Temple University is committed to providing a smoke-free environment for everyone at Temple. All University facilities are designated as non-smoking. In addition, all indoor Temple University-sponsored activities that take place in facilities not owned or operated by Temple University are smoke-free in those areas under Temple's control. This policy will be enforced according to established University policies and procedures.

STUDENT SERVICES OFFICE HOURS

All University offices directly serving students will maintain uniform business hours (8:30 am to 5:00 pm).



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ADVISING

It is recommended, and in some cases required, that students consult with an advisor prior to registration. The advisor reviews the proposed coursework and attempts to keep students informed of the requirements for graduation. In addition, the advisor helps the students achieve breadth in the curriculum and provides other assistance needed.

Academic advisors strive to avoid errors when advising students about program requirements, although the college cannot assume liability for errors in advising. Students must, therefore, assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Students are required to meet with an advisor when they don't meet the academic standards set by their college. See the academic policies section of the Bulletin: Warning and Dismissal, for detailed information.

Each school, college, and campus of the University offers a range of academic advising for students. Professional advisors and/or faculty advisors help students plan curriculum, choose majors, make vocational and post graduate plans, and resolve a variety of academic issues. Students should consult the specific advising unit in their colleges and schools for services and policies that apply to them. Please refer to your school or college section of this Bulletin for locations and specific information about these units.

Some of the services offered by the advising centers are:

- **New Student Orientation** for freshmen and first semester transfer students.
- **Curriculum Advising** for continuing students who have completed fewer than 30 credit hours. Students with a declared major and more than 30 credits should see their school or college Advising section of this Bulletin to determine advising policies that apply.
- **Students enrolled in the University Honors Program** may also be advised in the Honors Office in Tuttleman Learning Center until they have completed 60 semester hours with the exception of the Fox School of Business and Management. All other students are advised in their departments.

- **Registration Assistance** for students ineligible for Web registration. This includes online processing of original registrations and/or schedule revisions, and course withdrawals through the ninth week of the spring/fall semester and the third day of the summer sessions.

- **Academic counseling** for students to develop a meaningful education plan compatible with life goals. Through contact with departmental faculty, students gain an in-depth appreciation of a specific discipline and discover opportunities associated with their field of interest. Students can also meet with advisors to discuss a variety of academic concerns and develop some possible solutions. Students experiencing academic difficulty work with advisors to learn strategies for overcoming the obstacles to success.

- **The advising centers help students understand the policies and procedures** that are integral to achieving a successful and fluid transition through university life. This includes such things as Academic Good Standing, Grievance procedures, registration policies, etc.

- **Intra-University Transfer (IUT) Advising** for students changing programs at Temple.

- **Withdrawal and Readmission** interviews.

- **Graduation Reviews** for students entering their senior year.

- **Petition Requests** are initiated by the advising center on behalf of the student and include: attending another university for a semester or summer course, grading in one course on a credit/no credit system, registering for an overload, evaluating life experience credit and credit by examination, reviewing transfer credit evaluation, considering DARS exceptions, and receiving approval for an exception to policy.

- **Referral to other services.** Advisors make referrals to such services as financial aid, career development, counseling, tutoring, disability services, testing, etc.

- **Preparation for Registration.** Advisors aid students in the period during the fall and spring semesters when currently enrolled students register. Prior to the processing of their registrations, students should meet with advisors to review their DARS documents and discuss course selections for the upcoming semester. DARS for all students are available on the Web through OWLnet.

COMPUTER SERVICES

Main Campus, Conwell Hall, 7th floor

<http://www.temple.edu/cs>

Help Desk: 215-204-8000

Students can take advantage of a number of first-class technology resources available at Temple. The most recent addition to these resources is the TECH Center, a state-of-the-art technology facility on Main Campus at 12th & Montgomery Avenue with over 600 computers available for student use. Software needed for all academic disciplines is centralized in the Center making it easy for students to find the programs they need. Additional features include specialized multimedia labs, breakout rooms for group study, video served to lab computer desktops, wireless lounge space, EZ-Stop Internet browsing stations, and a Starbucks café. In addition, for the convenience of students, there is 24-hour access to the Center. For more information on the TECH Center, go to <http://techcenter.temple.edu>.

The Computer Services Help Desk is also located in the TECH Center. At the Help Desk, professional consultants offer technical assistance on a wide range of computer topics. To obtain assistance, students can stop by the Help Desk (the TECH Center, 1st floor), call (215-204-8000), or send e-mail (help@temple.edu).

In order to use the computer resources at the TECH Center as well as Temple's numerous applications and systems available online, you will need your AccessNet username and password. With this login information, you can gain entry to the TUportal Web site (<http://tuportal.temple.edu>), a single gateway to the University's most popular services, including TUmil, Blackboard, OWLnet, Diamond Dollars, the Cherry & White Pages, My Backpack, and My Housing.

TUmil is an integrated e-mail system accessible to students anywhere on the Internet using a Web browser or software such as Microsoft Outlook or Netscape Mail. The Blackboard system enables faculty and students to share coursework materials and discuss topics online. OWLnet allows students to review course prerequisites and register for classes, view rosters, check grades, view account balances and financial aid information, and pay bills, all on the Web.

For up-to-date information on the rapidly changing nature of technology at Temple including wireless access and security awareness initiatives, go the Computer Services Web site at <http://www.temple.edu/cs>.

DEGREE AUDIT REPORTING SYSTEM (DARS)

Debbie Bennett-Kennedy, DARS and Transfer Systems Coordinator
Sheila Brogden, DARS Encoder
dars@temple.edu

www.temple.edu/dars/

DARS stands for the Degree Audit Reporting System. Students and advisors can use DARS to both track and plan students' academic progress toward completion of an undergraduate degree in their declared or proposed major. DARS shows students how their Temple University courses, transfer courses, and courses in progress apply toward degree requirements. It enables a student to explore alternative academic programs and gives detailed and accurate information about the student's academic record.

DARS is updated every week on the second business day. Students can access and print out their individual DARS document through OWLnet. Students can learn more about DARS at the DARS Web site, including how often the reports are updated, information about how to interpret the DARS, general resources available in the DARS office, and general information about the system.

MATH AND SCIENCE RESOURCES CENTER (MSRC)

Mona Zaoudeh, Director
17 Curtis Hall

Monday and Tuesday, 8:30am-8:30pm

Wednesday and Thursday,
8:30am-7:30pm

Friday, 8:30am-2:30pm

Saturday, 10:30am-2:30pm

215-204-8466

www.temple.edu/MSRC/

The Math and Science Resources Center's (MSRC) mission is to create an effective learning atmosphere for all Temple undergraduates. The MSRC is not only for students experiencing difficulties in their studies, but also for those excelling in their academic endeavors. The Center offers free, one-on-one tutorial and enrichment assistance to all students enrolled in any Core mathematics, science (biology, chemistry and physics), or statistics course. To demonstrate the MSRC's commitment in helping all Temple students achieve academic excellence, the Center offers a various array of additional resources beyond individual-based tutoring.

At the end of each semester, final exam review sessions are coordinated for classes with high enrollments. After input from faculty, tutors use past exams as guides to review fundamental principles introduced throughout the semester. During these sessions, peer

tutors address specific questions students may have and reinforce previously presented material.

The dedicated computer laboratory/classroom is designed for mathematics, science, and other students required to complete coursework electronically. The workstations have access to the Internet and a scanner, as well as connections to both color and laser printers. The computers can also be utilized in Distance Learning/Tutoring.

Students who are physically unable to attend the Center can receive tutoring via the Internet at www.temple.edu/msrc. A tutor will address submitted questions and respond to inquiries within twenty-four hours.

In addition to the computer laboratory, the MSRC houses a resource library where students may borrow materials, such as textbooks, student solutions manuals, reference books, and programmable calculators.

MSRC tutors are all graduate and upper-level undergraduate students who major in Biology, Chemistry, Mathematics, Physics, Statistics, and other related fields. These highly motivated students are specially trained to deliver comprehensive instruction in their specified field of study. Tutors are particularly sensitive to students who are taking these courses for the first time or who are new to the University atmosphere. Tutors are eager to help students achieve their academic goals!

Appointments are never necessary! Students can walk in to the MSRC at any time. A valid Temple student ID is required.

THE UNIVERSITY LIBRARIES

Larry P. Alford, Vice Provost for Libraries and University Librarian
215-204-8231

<http://library.temple.edu>

The Libraries of Temple University form an extensive network of services and resources to support the educational and research needs of the University's students and faculty.

The combined collections of the Temple University Libraries include more than 2.9 million volumes and 20,000 current serial subscriptions, as well as extensive collections of microforms, maps, photographs, and audiovisual materials.

The University participates in the Federal Depository Library Program, and receives 65 percent of the publications issued by the U.S. Government Printing Office. Special collections include the Urban Archives, which document the development of the Philadelphia metropolitan area since the mid-19th century; the Blockson Afro-American Historical Collection; the Rare Books and

Manuscripts Collection; the Contemporary Culture Collection; the Science Fiction and Fantasy collections; the Philadelphia Dance Collection, and the University Archives.

Information retrieval: Research databases, full text resources, the online catalog, electronic reference, and other information and services are at library.temple.edu. The online catalog (diamond.temple.edu) lists library holdings and course reserves and their circulation status, and links directly to selected electronic course reserve materials.

Expert assistance in using the libraries is provided by reference staff. Students are introduced to basic research skills through a self-paced online tutorial, the completion of which is a requirement of the University's Core Curriculum for all incoming freshmen and transfer students. Librarians also provide user education classes tailored to individual courses. Individual questions are answered in person, as well as by phone, e-mail, the Libraries' online chat service and IM.

When local resources do not supply needed material, Temple students and faculty may directly request books from other universities and colleges through the E-Z Borrow Program, or request article copies and books indirectly via the Temple Libraries' interlibrary loan service.

Locations

The resources of the University Libraries are housed in Paley Library (the main library) and in a number of separate facilities serving specific disciplines and campus locations. Hours and information for the following are on the Libraries' Web site.

- Ambler Library, 580 Meetinghouse Road, Ambler, PA 19002, 215-283-1383
- Biology Library, 248 Biology Life Sciences Building, Main Campus, 215-204-8878
- Charles L. Blockson Afro-American Historical Collection, Sullivan Hall, Main Campus, 215-204-6632
- Chemistry Library, Beury Hall, first floor, Main Campus, 215-204-7120
- Engineering and Architecture Library, College of Engineering, 2nd floor, Main Campus, 215-204-7828
- Harrisburg Library, 234 Strawberry Square, Harrisburg, PA 17101, 717-232-6400
- Health Sciences Center (HSC), Kresge Library, Kresge Building, HSC Campus, 3440 N. Broad Street, Philadelphia, PA 19124 215-707-2665 (BOOK)

- Health Sciences Center (HSC), Charles E. Krausz Library of Podiatric Medicine, School of Podiatric Medicine, 8th and Race Streets, 6th Floor, Philadelphia, PA 19122, 215-629-0300
- Health Sciences Center (HSC), South Library, Old Dental School Bldg., 3223 North Broad Street, 2nd Floor, Philadelphia, PA 19124, 215-707-2850
- Law Library, Charles Klein Law Bldg., 1719 N. Broad Street, Philadelphia, PA 19124, 215-204-7981
- Mathematical Sciences Library, 407 Wachman Hall, Main Campus, 215-204-8434
- Paley Library, 1210 W. Berks Street, Main Campus, 215-204-8211
- Physics Library, 209A Barton Hall, Main Campus, 215-204-7649
- Temple University Center City, 1515 Market Street, Ste., 402, Philadelphia, PA 19103, 215-204-1521
- Tyler School of Art Library, Beech and Penrose Avenues, Elkins Park, PA 19027, 215-782-2849
- Zahn Library, (Education and Social Administration), 139 Ritter Annex, Main Campus 215-204-8481

Reading rooms and libraries are also maintained by several academic programs. The following facilities are located on the Main Campus.

- College of Liberal Arts Educational Technology Center, AL-21 Anderson Hall, 215-204-8265
- Boyer College of Music and Dance Alice Tully Library, Rock Hall, 215-204-5531
- Boyer College of Music and Dance Listening Library, 100 Presser Hall, 215-204-8338
- Social Science Data Library, 863 Gladfelter Hall, 215-204-5001

THE UNIVERSITY WRITING CENTER

Lori Salem, Director
Eli Goldblatt, Faculty Co-director
www.temple.edu/writingctr

Locations and Hours:

Main Campus

Monday – Thursday
8:30 am to 8:30 pm
Friday, 8:30 am to 4:30 pm
Saturday 10:00 am to 4:00 pm
201 Tuttleman Learning Center
215-204-0700

Ambler Campus

Call 215-283-1347 for hours
204 Bright Hall

The University Writing Center provides services to students and faculty across the University and to the surrounding community. These services include tutoring, technology, a computer classroom, a resource library, workshops, and seminars. Many of these services, including tutoring, are accessible online through the Center's Website. All services are free-of-charge to Temple students and faculty. Tutoring services are offered on a drop-in basis or by appointment.

Center staff include faculty, graduate students, and advanced undergraduates from a variety of fields and disciplines, including English, Education, and Honors. All are selected based on their demonstrated writing ability and teaching aptitude. Staff participate in regular professional development sessions.

Services to Students

Students can work one-on-one or in small groups with Center staff on writing being done for any course. They may also bring writing being done outside of coursework. Center staff work with students at any stage of a writing project. They encourage students to focus on specific aspects of their writing, such as organization, sentence clarity, or paragraph structure. Writing Center staff cannot edit students' papers for them.

Students who come to the Center for tutoring can also make use of the Center's computer lab. They can use desktop publishing software to write and print papers; plan, outline, revise, edit, and proofread; to format and generate bibliographies and citations. The lab is connected to the Internet; students may access the Web and all library research facilities. Help is available for using these technologies. The lab also includes hardware and software designed to assist students with disabilities.

The Center maintains an interactive Web site. Students can download materials, meet with other writers online, and access online reference materials. Tutoring via the Internet is

available through the Center's website. Students can get responses to their writing within 24 hours via e-mail.

Services to Faculty

Faculty can use the Center to offer in-class workshops. They can use the Center's resource library to support teaching writing and writing-intensive courses. They can reserve the Center's computer class-room to introduce information technology into a writing-intensive course.

Faculty teaching a writing or writing-intensive course can request a workshop on a wide variety of topics. Center staff tailors each workshop to the assignments and student needs identified by the faculty member. Each workshop is "hands on." To request a workshop, faculty can call the Center or access the Center's Web site.

The Center maintains an extensive library of resource materials. Faculty can request books and articles related to the teaching of writing in the disciplines. The Center's Website offers resources organized by course.

Faculty teaching writing-intensive courses are invited to request use of the Center's state of the art computer classroom. This 27-station classroom is organized in a seminar style, with access to projection and to the Internet. Faculty can use software that facilitates collaboration, revision, peer response to work in progress, and online discussion groups. Technical support for faculty using this facility is also available.

Outreach

The Center is involved in a variety of projects that reach across and beyond the University.

The Center sponsors a Writing Fellows program. Writing Fellows are specially selected upper-division undergraduates carefully trained to work as peer tutors. Fellows are paired with writing-intensive courses in the disciplines, and they provide extensive support for students in those classes.

In collaboration with the College of Education, the Center offers a variety of internship experiences to graduate and undergraduate students, especially to TESOL students. Masters and Doctoral students in the TESOL program work with the large number of students using the Center whose first language is other than English.

TUTORING SERVICES

Tutoring at no charge is available in the following schools, colleges, and departments:

- Accounting
382 Speakman Hall
215-204-8110
- Alliance for Minority Participation (AMP) Bridges to Baccalaureate Program
A306 Barton Hall
(Tutoring takes place at the MSRC in Curtis Hall)
215-204-4550
- College of Health Professions
1316 Ontario St.
Jones Hall, Room 518
215-707-8214
- Economics
626 Ritter Annex
215-204-8880
- Engineering
Engineering and Architecture Bldg.
Room 323
215-204-7818
- Finance
205F Speakman Hall
215-204-8451
- French
Anderson Hall, Room 512
215-204-8266
- Intellectual Heritage
215A Anderson Hall
215-204-1770
- Kinesiology (formerly Physical Education) Tutoring is available to students enrolled in C100 or C101, Anatomy and Physiology.
215-204-1947
- Management Information Systems
29 Speakman Hall (BizTech lab)
<http://gefund.temple.edu/tutor>
- Mathematics and Sciences Resources Center (MSRC)
Walk-in basis, no appointments necessary
Curtis Hall, Room 18
215-204-8466
www.temple.edu/MSRC/
- Pharmacy, School of
Tutorials available for undergraduate students in the School of Pharmacy.
3307 N. Broad Street, Room 141
215-707-4900
- Praxis Tests
Office of Student Services
College of Education
215-204-6010
- Ritter Management and Insurance (RMI)
479 Ritter Annex
Tutoring is available for RMI 100

- Russell Conwell Educational Services Center
Group and individual tutoring are available in numerous courses upon request, as well as the opportunity to join ongoing, structured study sessions.
1700 N. Broad Street, Rm. 202
215-204-1251
www.temple.edu/rcc
- Social Administration, School of
New Career Ladders in Social Work
521 Ritter Annex
215-204-7611
William Thompson Communication Skills Instructor
650 Ritter Annex
215-204-6029
- Statistics
203 Speakman Hall
215-204-8144
- University Writing Center
201 Tuttleman Learning Center
215-204-0702
- Ambler Campus
Office of Academic and Career Development
109 West Hall
215-283-1237
Statistics: 123 West Hall
215-283-1399
Math: 201 Bright Hall
Writing: 204 Bright Hall
- Center City Campus
Statistics
Second Floor, 1515 Market St.

Other Tutoring Sources

- Instructors may be able to recommend tutors, often graduate students working toward master's or doctoral degrees in the department.
- Departmental offices generally have lists of qualified tutors available to work with undergraduates.
- The Student Assistance Center, first floor, Student Center, Main Campus, maintains a list of students available to tutor in a variety of subjects. These tutoring services often are available for a nominal hourly fee, arranged with the tutor.
- At the Ambler campus, the Office of Academic and Career Development, 109 West Hall, 215-782-2780 maintains information about tutoring services.

THE RUSSELL CONWELL EDUCATIONAL SERVICES CENTER

Michael Stokes, M.Ed., Director
1700 N. Broad St., Ste. 202
215-204-1252

www.temple.edu/rcc

Do you want to do better academically or review/prepare for a class? Come to the Russell Conwell Educational Services Center, commonly referred to as the Russell Conwell Center (RCC). The RCC is a network of programs providing university access and

facilitating student retention and graduation. The RCC fosters a community of scholars who are engaged in their university and surrounding community. The RCC provides Temple University students with comprehensive academic support to facilitate their academic, co-curricular, and professional development. Throughout the academic year, specialized assessments, educational workshops, tutorial services, certificate programs, professional development seminars, peer mentoring, leadership enrichment, academic counseling, and multiple computer labs are available to students. Furthermore, the RCC serves as the home of the Supplement Scholarship Committee, providing annual scholarships to over 100 Temple University students. These services, which improve student satisfaction, retention, and graduation, are available to all students regardless of college, matriculation status, or year of admission. In addition to providing the academic year program, the RCC offers a six-week Summer Bridge Program for entering freshmen through its “Freshman Admission Programs” described below. The RCC also provides a simulated graduate school experience with preparatory services to Temple University students who desire to pursue a doctoral degree through its Ronald McNair Program (see below), as well as serves Philadelphia high school students who aspire to attend college through two Temple University Upward Bound Programs. The RCC employs numerous students as tutors, Assistant Teachers, and instructors during the year. If you are interested in enhancing your skills, while providing service to your peers, we encourage you to submit your resume.

Freshman Admission Programs to the Russell Conwell Center [Act 101, Student Support Services, and Educational Services Component]:

These three university access programs provide academic support and retention services for talented high school graduates who have demonstrated the potential for academic achievement at Temple University. The primary distinctions between the programs are established by state or federal requirements, reflecting the somewhat varied program foci. Students admitted by the Temple Office of Undergraduate Admissions and assigned to the RCC for services and support begin their university experience during a six-week Summer Bridge Program prior to their fall enrollment. Upon successful completion of the Summer Bridge, students matriculate as Temple

University freshmen in the fall semester and receive academic support and service from the RCC throughout their undergraduate career. The Summer Bridge Programs provide academic skill preparation in mathematics, computer science, technology, English, and library skills, along with academic assessment and counseling to facilitate student's successful transition into the collegiate academic, social, and cultural milieu, creating a foundation for academic excellence.

Pre-Graduate School Program [Ronald E. McNair Post-baccalaureate Achievement Faculty-in-Training Undergraduate Program]:

This pre-graduate school program for undergraduate students (funded by the U.S. Department of Education) is designed to prepare 20 junior and senior students for successful entry into, and graduation from, a doctoral program. Prospective participants must aspire to enroll in graduate education and have an interest in teaching at the collegiate level. In addition, students must be a first generation college student with a low-income economic status (as defined by the U.S. Department of Education) or be from a group that is underrepresented in graduate education. Students will participate in a simulated graduate school experience during the academic year and summer program. While they live in the residence halls during the summer program, students will complete a faculty guided research project, enhance their academic skills as they assist a faculty member teach a course in “Intellectual Heritage,” prepare for the Graduate Record Exam (GRE), become learned in the graduate application process, and visit various graduate programs. Students will culminate their participation by presenting their research at the McNair Scholars Summer Research Conference, as well as additional conferences throughout the nation. McNair Scholars will receive a stipend during their program participation. RCC also provides a simulated graduate school experience with preparatory services to Temple University students who desire to pursue a doctoral degree through its Ronald McNair Program (see below), as well as serves Philadelphia high school students who aspire to attend college through two Temple University Upward Bound Programs.

Pre-College Programs [Upward Bound and Upward Bound Math Science Programs]:

These programs prepare Philadelphia high school students for successful entry into, and graduation from, college. During the academic year and six-week Summer Bridge Programs, students participate in numerous activities, including academic enrichment, core mathematics, English and science classes, workshops, tutorial services, and leadership development. A full range of academic assessment and counseling is also provided with a focus on academic, career, financial, and personal development. During the Summer Bridge Programs, students reside on campus at Temple University during the week to gain insight into, and experience the nuances of, college life. In addition, the programs provide extensive field trips, college tours, and site-visits to educational, cultural, and science-related institutions. Students also have the opportunity to conduct scientific, biological, mathematical, or technological research and present their findings at various Science Fair events.

PRE-PROFESSIONAL ADVISING AND PROGRAMS:

In addition to the Post-Baccalaureate Program in Health Professions described below, please also see **RCC resource center for a pre-graduate school program, and School of Education for Teacher Certification Programs.**

Post-Baccalaureate Program in Health Professions

*Ray Coughlin, Director
Academic Resource Center
215-204-8669
coughlin@temple.edu
www.temple.edu/healthadvising*

This program is designed to help recent college graduates prepare to enter professional schools in medicine and dentistry. The ideal candidate is a recent college graduate with a strong academic record in a field other than science. This is not a remedial program or a program for those wishing to raise their academic records. The core program consists of four year-long courses: General Chemistry, Organic Chemistry, General Biology, and General Physics.

Standard Temple University undergraduate tuition schedules and fees apply. Financial aid loans are available for qualified students. For more information contact the Director.

CAREER DEVELOPMENT SERVICES

*Chet Rispoli, Ed.D., Director
2nd floor, Mitten Hall
215-204-7981
215-204-4462 (Fax)
www.temple.edu/careerdev*

Career Development Services (CDS) assists students and alumni in all phases of the career development process, including career self-assessment, career exploration, the job search, and success on the job. Students are encouraged to begin their career assessment and exploration as early as their freshman year. Career counseling and advising is offered, as well as online assessments through DISCOVER, a computerized career guidance system. Lots of valuable information can also be obtained in the CDS Career Library and Cyber Center. Full-time, part-time, seasonal, co-op, internship and other experiential learning opportunities are posted online. They can be accessed by students anytime, anywhere!

Workshops are held regularly throughout the semester on a broad range of career-related topics including résumé writing, interview techniques, the job search, career decision making, selecting a major, and many others. Each semester, a University-wide career fair attracts hundreds of quality employers to the spacious Liacouras Center.

Cooperative Education

Cooperative Education (Co-op), which links classroom instruction with practical application in the workplace, is coordinated by Career Development Services. This program is currently available to students enrolled in Business and Management, Mathematics, and Computer and Information Sciences.

Extern Program

The Extern program is an optional work experience/career education program designed to aid students in making better-informed career decisions based on practical experience and self-assessment. It is sponsored by Career Development Services. Students accepted into the program receive individualized career counseling, on-the-job experience, and academic assignments. Students are placed as volunteers with organizations in areas that complement their career objectives and/or fields of study. The program is usually offered during the first two full weeks of January, coinciding with the University's winter break. Participating students receive two or three academic credits.

On-Campus Recruitment

The On-Campus Recruitment Program brings a wide range of top-notch employers to campus to interview Temple students. On the day of the appointment, both students and employers meet in the CDS Interview Suite right on campus. It's easy, convenient, and very effective. Often employers hold information sessions prior to their scheduled interview day; students are strongly encouraged to attend. Check out the Web site or stop by the CDS office for further details.

Student Employment

Each year, Temple University students find part-time, temporary, and summer employment, both on- and off-campus, through the Student Employment Program in Career Development Services. Employers from around the Philadelphia region actively seek to hire Temple students in a variety of opportunities on an ongoing basis. Students simply need to stop by CDS to receive instructions and a password, and the rest is easy. Student Employment opportunities are on line at www.temple.edu/careerdev. Please note: international students must contact the Office of International Services for approval and clearance before seeking employment.

Internships

CDS posts a wide range of Internship opportunities that may or may not provide academic credit or pay but are great opportunities to explore the job market and gain valuable experience in your field.

Professional Development

Temple University offers support and advising for professional development. Please check with Career Development Services and/or with your school and college's advising unit for further information.

DISABILITY RESOURCES AND SERVICES

Dorothy M. Cebula, Ph.D., Director
100 Ritter Annex
215-204-1280
215-204-1786 (TTY)
215-204-6794 (Fax)

www.temple.edu/disability/

Disability Resources and Services facilitate accommodations and provide information on accessing University programs and facilities for students with disabilities at all campuses. Frequently requested services include the development of academic adjustment letters and arrangements for accommodations such as sign language interpreting, test proctoring, library research, note taking, and reader services. Information on mobility, adaptive computing, small

equipment loan, specialized scholarships, and career/internship resources is also available.

RECREATION SERVICES

Steve Young, M.Ed., Director
Suite 102, McGonigle Hall
1800 N. Broad Street
215-204-1267
215-204-3223 (Recreation Hotline)
215-204-3800 (Fax)

www.temple.edu/recsvcs

Recreation Services is the coordinating office for recreational sports programs at Main Campus. Over 2,800 students, faculty and staff participate daily in one or more of the various activities offered by this department. These activities include intramurals (men's, women's, co-rec, and open), sports clubs, informal recreation, special events and programs, group fitness, adapted recreation, aquatics and student staff development. Each of these programs is designed for active participation and enjoyment, and can provide hours of fun, fitness, and friendship.

Two first-class facilities are available to accommodate a wide range of recreational opportunities. The 59,000-square-foot Independence Blue Cross Student Center provides participants with a first-class environment for fitness conditioning, aerobics, martial arts, and racquetball; the Center has an indoor jogging track and an outdoor multi-purpose court. The Student Pavilion is a 52,000-square-foot space, which provides opportunities for activities such as basketball, volleyball, badminton, indoor tennis, table tennis, indoor soccer and indoor flag football, as well as an indoor golf driving range. Additionally, the Pavilion Complex includes a sand volleyball court and seven outdoor lighted tennis courts. One of the tennis courts has a special surface that accommodates rollerblading and in-line hockey. Other amenities also include day lockers and equipment check-out.

All of Recreation Services' aquatics programs are held in Pearson Hall Pools 30 & 31. Pool 30 is available for scheduled recreational swimming hours with some specific hours identified for lap swimming only. Other aquatics events throughout the semester include: Splash into Shape, Water Aerobics, and the Temple Triathlon.

Intramural Sports and Sport Clubs

The Intramural Program is designed to provide you with a flexible, yet structured, environment in which to participate. Sport activities include basketball, flag football, floor hockey, indoor and outdoor soccer, softball, and volleyball. They are administered

in league format with various divisions servicing men's, women's, informal, and co-recreational teams. Teams and individuals must formally register for activities. Specific guidelines can be found in the current *Intramural Handbook*. Sport Clubs are groups of individuals who share a common interest in a sport activity and have gained University recognition via registration procedures governed by Recreation Services. Clubs differ in scope and purpose, as some are highly competitive, while others are more social in nature. The key element to the club program is that it is student-initiated and organized, with an emphasis placed on participation and interest in the same activity. There are currently 15 active clubs, including men's and women's rugby, men's lacrosse, bowling, cricket, indoor rock climbing, roller hockey, swimming, frisbee, men's volleyball, aikido, tae kwon do, karate, ice hockey, and fencing. Additional clubs may be added pending feasibility and registration guidelines.

For further information, visit the Recreation Services Office or call 215-204-1267 or visit the department Web site at www.temple.edu/recsvcs

INTERNATIONAL SERVICES/INTERNATIONAL STUDENTS

Martyn J. Miller, Ph.D., Director
Office 203B
1700 N. Broad Street
215-204-7708
215-204-6166 (Fax)
www.temple.edu/ois and
www.temple.edu/ielp

International Services (OIS) provides service and support to Temple University's international students, scholars and researchers. Contributing to Temple's intellectual and cultural diversity, the international student and scholar community represents more than 100 countries and offers a unique opportunity to expand one's cultural and academic horizons. To accomplish its mission, International Services generates all legal documents required for non-immigrant students and scholars; provides advisory and counseling services; serves as a liaison to University departments, U.S. and foreign government agencies and the greater community; facilitates the assimilation of international students and scholars into the larger Temple community; and contributes to the international community's cross-cultural understanding and appreciation. Detailed information on programs and services offered by OIS is available for the office in 1700 N. Broad St. or the office's Web site at www.temple.edu/ois.

SARS

Temple University has adopted a policy on SARS, which may be viewed at http://policies.temple.edu/getdoc.asp?policy_no=04.64.11

DEPARTMENT OF INTERCOLLEGIATE ATHLETICS

www.owlsports.com/

The Department of Intercollegiate Athletics is committed to pursuing excellence at the Division I-A level and providing opportunities for its diverse student-athletes to maximize their athletic, academic and life-skill potential. The Department will provide high-level coaches and administrators, whose goal is to instill a winning attitude on and off the field of play through core values such as teamwork, leadership and service to others. As one of the most visible messengers of the Temple story, the Department of Intercollegiate Athletics strives to be a unifying force for the University with the city of Philadelphia, The Commonwealth of Pennsylvania, as well as the nation. Temple University is a proud member of the National Collegiate Athletic Association and the Atlantic 10 Conference.

OFFICES OF THE DEAN OF STUDENTS

Kathryn D'Angelo, M.S., Associate Dean of Students
A6 Student Center
215-204-8531
215-204-3287 (Fax)

www.temple.edu/assistance

The Offices of the Dean of Students are staffed by peer consultants and professionals for the purpose of providing an information and referral service for the University community. These departments also provide specialized services for the student population through its sponsored programs. The services include:

- New Student Orientation
- Parent Orientation
- Student Handbook
- Student Affairs Ombudsperson for non-academic issues
- Comprehensive Leadership Development Program
- Student Development Transcript Program
- Office of Community Service
- Judicial Affairs and University Disciplinary Committee

STUDENT HEALTH AND WELLNESS

Student Health Services

Lower Level, Mitten Hall
1913 N. Broad Street
215-204-7500
215-204-4660 (Fax)

www.temple.edu/studhealth/

Student Health Services strives to promote a high standard of health among Temple University students through programs in preventive medicine and health education, in addition to diagnosis and treatment of injury and illness. Care providers include doctors, nurse practitioners, and nurses. Services offered at the Main, Ambler, Tyler, and Health Sciences Center campuses include basic medical care, an immunization/allergy injection clinic, family planning services, health education, empowerment, and a self-care center. Other services offered at Main Campus include dermatology consultation and HIV testing.

Temple Health Empowerment Office (THEO)

The Temple Health Empowerment Office's mission is to provide comprehensive wellness education, resources, and prevention services to empower and support Temple University students in making informed healthier choices and achieving academic success.

Our goal is to create an environment in which students feel comfortable to stop by and talk about any health-related issue. Topics might include sexuality issues, questions about HIV or other sexually-transmitted infections, birth control information, stress management, tobacco cessation, eating/food issues, and general wellness.

THEO is located in the Lower Level of Mitten Hall. Although we are part of Student Health Services, our separate location provides additional privacy. We offer free and confidential individual or group health empowerment counseling on the Amber, Main, Health Sciences Center, and Tyler campuses.

Educational outreach services include: workshops for campus communities; information campaigns, and a resource center with brochures, books, videos, and Internet access.

Contact us at theo.info@temple.edu or 215-204-7509.

Student Health Fee

Students are charged a fee each semester during the academic year to help subsidize the basic diagnostic and treatment services provided by health care providers at all four campus locations. There are charges for services not covered by the Student Health Fee such as dispensed medications, orthopedic supplies, and immunizations. Office laboratory tests can be performed at Tyler, Ambler, and HSC offices, while more extensive laboratory testing is available at the Main Campus office.

Please check the Student Responsibilities section for further information on health fee and insurance.

Tuttleman Counseling Services

John DiMimo, Ph.D., Director
Lower Level, Sullivan Hall
215-204-7276
215-204-5419 (Fax)

www.temple.edu/counseling/

TCS is a comprehensive provider of mental health services to Temple's student population. Our mission is to support and enhance the psychological functioning of our students and thereby support the academic mission of the University. It is recognized that our students are dealing with a variety of major life issues as they pursue their education. These include separation and individuation, identity formation, relationships, affiliation, and career choices. In addition, some students come to us with prior mental health histories and medication needs.

TCS is first and foremost a provider of individual, couple, and group counseling services. This foundation provides students with support and guidance for a wide variety of problems, from adjustment issues and transitory difficulties to more serious psychological problems and even severe mental illness. In addition, TCS staff provides a full range of preventative services through orientation, outreach programs, and workshops. Whenever possible, we seek to help students avoid or reduce self-harm that may stem from making poor choices. All of our services are geared toward increasing self-awareness, understanding, and problem-solving skills that serve our students throughout their lives.

TCS provides services in the following areas:

Psychological Services: Psychological Services is staffed by licensed psychologists who provide brief individual, couple, and group counseling, as well as referral, consultation, and educational workshops. Some common issues that are addressed, either individually or in groups include:

- relationship problems
- stress, depression, anxiety
- eating disorders
- loss and/or grief
- procrastination
- shyness
- academic performance
- career decisions
- family problems
- sexuality and sexually transmitted diseases
- gay, lesbian, bisexual and transgender issues
- racism
- sexism
- vocational counseling

The Psychological Services staff will also assist students in locating resources and other services available on campus or in the city that are specific to their needs.

C.E.R.T. (Conflict Education Resource Team):

C.E.R.T., a peer education program supervised by psychological services staff, exists to assist in the resolution of conflict and to provide information regarding the nature and value of conflict. In addition to offering educational workshops and programs, C.E.R.T. provides free conflict mediation and coaching to students who wish to find alternatives to resolve conflicts such as roommate disputes, organizational or club conflict, borrowing or lending disputes, family conflict, and more. These services are available by appointment.

Psychiatric Services: Psychiatric Services is committed to caring for the mental health needs of Temple University students, by providing psychiatric evaluations, medication consultations, and short-term individual psychotherapy. The psychiatrist also responds to referrals from other TCS units and serves as a liaison to the Health Sciences Center. Students are seen by appointment, except in emergency situations when immediate care is required.

CASA (Campus Alcohol and Substance Awareness):

The Campus Alcohol and Substance Awareness (CASA) program is a comprehensive program focusing on all aspects of alcohol and other drug use and abuse. The CASA program is staffed by certified addictions counselors who work with students individually and in groups. CASA also sponsors a group of trained peer educators who offer workshops and other educational activities. These workshops emphasize positive decision-making and alternatives to alcohol and other drug use. Several anonymous recovery groups including AA, NA, ACOA, and ACOA meet regularly on Temple's campus.

SACE (Sexual Assault Counseling and Education):

Recognizing that college students are often at risk for sexual assault, harassment, and other forms of interpersonal violence, the SACE program plays a pivotal role in changing attitudes and myths about violence through education and workshops within the University community. In addition, the program provides resources for workshops, participation in curriculum development, and coordination of services for survivors of assault. The SACE staff provides crisis intervention, survivor advocacy, individual counseling, and groups for survivors of assault, child sexual abuse, domestic violence, and sexual harassment. SACE also utilizes peer educators who provide student support and training throughout the year. All services are confidential.

Hours are 8:30 a.m. to 5:00 p.m. Monday - Friday. The staff also provides onsite services at the Ambler and Tyler campuses. Students are seen by appointment except in emergency situations when immediate care is required. Services are free and confidential for all registered students.

Please call 215-204-7276 for more information.

HOUSING AND DINING SERVICES

University Housing

John Niven, Director
1910 Liacouras Walk
215-204-7184
215-204-3261 (Fax)

www.temple.edu/housing/

Residence halls at the Main, Ambler, and Tyler School of Art campuses, as well as several leased, off-campus housing options provide an opportunity for students to extend their learning experiences beyond the classroom, library, and laboratory. University Housing attempts to create group living environments in which each student is encouraged to develop as an individual in an atmosphere that promotes emotional, social, and intellectual development. In addition, University Housing is committed to creating community living environments that value and promote an appreciation for diversity of cultures, lifestyles, and people. Please check the Office of University Housing's Web site, as well as Tyler and Ambler campus Web sites, for additional information on residential services available.

The Office of University Housing Web site also provides online resources to assist Temple University students in locating off-campus housing.

Dining and Food Services

On each of our campuses Temple University is pleased to offer students a multitude of dining options that are flexible and adaptable to a student's schedule and eating habits. A full-service Dining Center is located at the Main, Ambler and Tyler campuses. The expanded Food Court, located in the Student Center on the Main Campus, offers students dining options from Burger King to Taco Bell, to Freshens Smoothies, as well as a world tour of tastes at the International Emporium, to name just a few. Additionally, a number of independent eating establishments are located throughout the Main Campus, many of which accept Diamond Dollars.

Temple Dining Services Meal Plan Packages

Many of the plan options offered to students are combined packages that include a specific number of meals per week in addition to a set amount of Diamond Dollars. These meal plan packages allow students to dine in dining centers and the food courts and to purchase items from vending machines, convenience stores in the residence halls, and other eateries across Temple's campuses. All of the meal plan packages include a university debit program that allows students to utilize their University I.D. cards as a debit card. Diamond Dollars provide students with a method to purchase food at all Temple Dining Services locations and several independent eating establishments without having to carry cash. Diamond Dollars are purchased in advance and credited to students' accounts. Students may add additional Diamond Dollars at any time during the school year. Students can always access their accounts through the Diamond Dollars Web site to check their balance or even see where they've been spending their Diamond Dollars. Every time a purchase is made with Diamond Dollars, the cashier can state how much money is remaining on an account. Check www.temple.edu/housing/services/DiningServices.htm for detailed information.

Dining on the Ambler and Tyler Campuses

The Ambler Dining Center and the Tyler Dining Center are "all-you-can-eat" facilities offering a large variety of meal choices seven days a week. The Dining Centers offer continuous service from Monday through Friday for breakfast through the "Fourth Meal" ending at midnight. Students from Ambler or Tyler may use their meal plan for a meal equivalency at any Dining Center and the new Student Center Food Court.

UNIVERSITY SERVICES

Temple General Alumni Association

Raymond L. Burkley Alumni Center
West Balcony, Mitten Hall
215-204-7521

www.temple.edu/alumni_friends

As the official alumni organization of Temple University, the General Alumni Association (GAA) is dedicated to strengthening the University and enhancing relationships between and among the University, the Association, and current and future alumni. Any former student with an earned Temple degree is a member of the GAA as well as their Temple school/college alumni association. Additionally, all alumni who have graduated in the past ten years are members of The Young Alumni Association (YAA). The Student Alumni Association consists of current Temple students who serve as ambassadors at premier alumni events, bridging the gap between current students and active alumni.

The GAA hosts such events as Founder's Dinner, reunions, Homecoming, Temple on the Road, and programs such as Senior Scholars, through which alumni age 60 and over audit courses in a variety of disciplines. Alumni also benefit from a variety of services such as alumni auto, life, medical, and homeowner's insurance programs as well as travel programs and the alumni online community.

Upon graduation, alumni are urged to keep the University informed of changes in address and to continue their association with Temple University through the many services of the GAA and Office of Alumni Relations.

Bookstore

There are six Temple University Bookstore locations. Each store stocks all required books and supplies for the campus it serves. In order to maximize the number of used books available to students; the bookstore buys back books from students at the highest prices throughout the year. In addition to housing required course materials, all stores feature clothing, souvenirs, and giftware imprinted with the Temple name. Graduation rings can be ordered at any time. Academic regalia are available in the months preceding graduation.

The Main Campus store features the Book Corner, where non-required books, including best-sellers, Temple authors, literature, reference, and bargain books are available. Any book not on hand can be special ordered.

A variety of computer software programs are stocked at the lowest academic prices to students, faculty, and staff. You will also find a large selection of magazines, snacks, soft drinks, greeting cards, gift-wrap, posters, and health and beauty aids.

During the first weeks of classes, store hours are extended at all locations. See signs posted at each location for specific hours during rush periods and semester breaks.

Normal hours of operation are:

Main Campus

The Student Center, lower level;
215-204-7385

Monday – Thursday: 9:00 a.m. – 6:00 p.m. Friday: 9:00 a.m. – 5:00 p.m.

Law School

Temple University Bookstore
1700 N. Broad St., Ground Floor;
215-204-0514

Broad St. and Cecil B. Moore Ave.
Monday – Thursday:
7:30 a.m. – 8:00 p.m.
Friday: 7:30 a.m. – 7:00 p.m.
Saturday: 10:00 a.m. – 4:00 p.m.

Ambler Campus

Bright Hall; 215-283-1373

Monday – Thursday:
9:00 a.m. – 7:00 p.m.
Friday: 9:00 a.m. – 4:00 p.m.

Health Sciences Center

Student Faculty Center, 1st fl.;
215-707-3157

Monday – Friday: 8:30 a.m. – 4:30 p.m.

Tyler Campus

Penrose Hall, basement; 215-782-2820

Monday and Thursday:
11:00 a.m. – 7:00 p.m.
Tuesday, Wednesday, Friday:
8:00 a.m. – 4:00 p.m.

TUCC Campus

1515 Market St.; 215-204-1527

Monday – Thursday:
11:00 a.m. – 7:00 p.m.
Friday: 11:00 a.m. – 4:00 p.m.

Campus Safety Services

Campus Police

Mr. Carl Bittenbender,
Executive Director

1101 W. Montgomery Avenue
215-204-7998

Berks Mall Center Station:
215-204-8895

Emergency Phone number –
all campuses: 1-1234

www.temple.edu/safety/

Members of the department's two divisions, Campus Police and Security Officers, work 24 hours a day, 7 days a week. Campus Police Officers patrol the campus and surrounding area on foot and bicycles and in patrol cars and SUVs. The Security Officers work inside various buildings, checking IDs and assisting staff and visitors.

Members of the Temple community are free to use the campus escort service seven days a week from dusk to dawn by calling 1-TRIP. Escorts will transport you to the bus stop, subway, train station, parking lots, library, and other campus buildings.

The department also offers a variety of Crime Prevention programs, including self-defense, street smarts, and big city living programs, available to students, staff, and employees on request. The Temple Police HAPKIDO club, a Korean martial arts club, meets on main campus every Tuesday and Thursday from 5:30 p.m. to 7:00 p.m. in Pearson Hall, room 101. For further information about these programs call Monica Hankins at 215-204-5870.

Campus Locations:

Main Campus Headquarters,
1101 W. Montgomery Avenue
Main Campus - Center Station,
1900 Berks Mall (Beasley and Berks)

Health Sciences Campus,
Parkinson Pavilion, 1st Floor
Broad and Tioga Sts.

Ambler Campus
Hilda Justice Hall, Upper Dublin, PA

Tyler School of Art
Presidents Hall, 1st Floor,
Elkins Park, PA.

School of Podiatric Medicine
8th St. at Race, Philadelphia

Center City Campus
1515 Market St., Philadelphia

Parking Services and Intra-Campus Bus Service

Parking

Main Campus:

Lower level, Student Center
215-204-PARK

www.temple.edu/parking

Temple University has eight (8) surface parking areas and two (2) parking garages on the Main Campus.

Debit card parking permits you to park in an assigned area when space is available. A hangtag/decal must be purchased, and it is valid for one academic year (September through August). In addition, a minimum of 24 parking entries must be purchased on your debit card at a cost of \$96 (48 parking entries when entering after 3:00 PM). The rates are subject to change in the fall. Your hangtag/decal and your current Temple ID card are the mechanisms that control your entrance into the parking area or garage. Parkers may conveniently purchase additional parking entries at the Office of Parking Services, located on the lower level of the Student Center.

Note: Availability of areas is subject to change during summer and holidays, and for a few special events. Having a parking hangtag/ decal does not ensure space in a particular area.

Special parking is available for guaranteed access, students with disabilities, and motorcycles.

Intra Campus Bus Service

In the evenings, students have the option of using the Owl Loop bus service. The service is free and operates from 5 p.m. to 6 a.m., Sunday through Saturday.

In addition, Temple also runs a free bus service Monday through Saturday to and from various campuses: Ambler, Tyler, HSC, and Main Campus. Information on these schedules may be obtained at the Office of Parking Services or Campus Safety. There is no cost for this service. Please check the Office of Facilities Management Web site www.temple.edu/facilities/transhome1.htm for a schedule of shuttle services.

RETAIL OPERATIONS

Bookstores can be located at each campus. In addition to textbooks, these stores also feature a variety of products that will meet students' needs on campus. Students can also find many retail and food outlets on Liacouras Walk of Main Campus. These operations include, PNC Bank, The Conwell Inn, Dunkin' Donuts, Baskin Robbins, 7-Eleven, and Chop Shop.



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EXPERIENTIAL LEARNING

Internships

215-204-7981

www.temple.edu/careerdev/

Internship programs at various schools and colleges provide students an opportunity to gain experience in their chosen profession before they graduate from college. Internships not only give students a chance to practice the skills acquired in the classroom, but also help them strengthen their resume and establish contacts in their professions. For further information on available opportunities, students should contact their respective schools and/or career development services.

Externships

215-204-7981

www.temple.edu/cds

The Extern program is an optional work experience/career education program designed to aid students in making better-informed career decisions based on practical experience and self-assessment. It is sponsored by Career Development Services. Students accepted into the program receive individualized career counseling, on-the-job experience, and academic assignments. Students are placed as volunteers with organizations in areas that complement their career objectives and/or fields of study. The program is usually offered during the first two full weeks of January, coinciding with the University's winter break. Participating students receive two or three academic credits.

For more information, contact Career Development Services at 215-204-7981 or visit www.temple.edu/careerdev

Service Learning:

Michele O'Connor

500 Conwell Hall

Assistant Vice Provost for First Year Programs and Transfer

215-204-2044

michele.oconnor@temple.edu

Service Learning is a term that describes an option of new classes at Temple. These classes allow you to connect course readings, lectures and discussions to meaningful projects in the community. The goal is to help make your academic experience more powerful by giving you the opportunity to spend part of your class time participating in activities that benefit a community organization. Service learning allows you to apply class concepts to the world around you. Service learning also helps you think about how your Temple education can be applied in ways that help yourself and others become responsible citizens who contribute to society.

In some cases, you will be working with organizations that are linked to

social justice activities like combating racism, eradicating hunger, improving local schools or working to foster civic empowerment. The focus is the exchange of learning between you and the community. In this regard, service learning is radically different from an internship where the outcomes center around your career or professional development.

Any student enrolled to take classes at Temple University can take a service learning class. Service learning classes should take no more time than any other class offered at Temple. However, just as in a non-service learning class, you may have to spend time outside of designated class hours devoted to reading and studying. The specific amount of time spent participating in the service learning portion of the course varies from organization to organization.

How would you know which courses are service learning courses? Courses will be listed with the number 49 in the course title in the Course Schedule booklet, e.g. Education 0224, Service Learning *49.

Community Service

215-204-7741

Jason.riley@temple.edu

The Office of Community Service is dedicated to providing students with the resources and guidance necessary to immerse themselves in action for positive social change. As a team of administration, staff, and student leaders, we work to establish strong relationships within and beyond the Temple campus through community service. The University's Office of Community Service, located in the Student Assistance Center in the Student Center on Main Campus, serves as a clearinghouse for volunteer and community development opportunities. The office is staffed by Temple students and maintains an extensive database of community groups and agencies that utilize volunteers for various groups and individual projects. Opportunities for learning include working with children, the elderly, economically disadvantaged groups, other special populations, and environmental and civic causes.

FIRST-YEAR STUDENT SEMINARS

Michele O'Connor

500 Conwell Hall

Assistant Vice Provost for First Year and Transfer Programs

215-204-2044

michele.oconnor@temple.edu

First-Year Student seminars are academic courses designed to support student learning and development in the critical first semester of college. *Learning for the New Century* is the first-year student seminar offered primarily for students in University Studies, but the course is open to ANY interested freshmen. The seminar is offered on both the Main and Ambler Campuses.

Learning for the New Century is a one-credit course that meets one to two times a week for eleven weeks of the semester. Students receive a letter grade for the course and the credit applies toward graduation. Many sections are linked to learning communities. The course introduces first-year students to the purposes of higher education and to the skills needed to use information technology and academic resources successfully both in college and in preparation for the workplace of the 21st century. The seminar also focuses on topics useful to college students, including time management, information literacy, e-mail training, teamwork, study skills, and academic and career planning.

College-specific seminars are offered by the College of Science and Technology, the School of Communications and Theater, and the Fox School of Business and Management.

LEARNING COMMUNITIES

Michele O'Connor

500 Conwell Hall

Assistant Vice Provost for First Year and Transfer Programs

215-204-5662

www.temple.edu/lc

Learning Communities, an academic program designed to ease the transition from high school to college, provides an opportunity for students to form connections for academic and social support. By participating in paired or clustered courses students experience a more enriched teaching and learning environment, where courses are organized around a theme. In a learning community, students get to know each other and their professors, making it easier to work collaboratively in class and to form study groups outside of class.

Each community consists of two or three courses, scheduled in a block, which students take together as a group. Many learning communities include a section of the first-year

student seminar *Learning for the New Century*. Most courses in Learning Communities fulfill Core, college, or major requirements. Enrolling in a learning community is an excellent way to satisfy requirements while building valuable academic and social connections. Each fall, Temple University offers over 30 communities, including pairings such as College Composition and College Math, General Chemistry and Calculus, Introduction to Media Arts and College Composition, or Criminal Justice and College Composition

Learning Communities are designed primarily for the first semester college freshmen but are open to all first- or second-year students, including transfers. Since fall 2001, we have offered a select number of communities designed just for new transfer students. Some colleges or majors require freshmen to register for a community, while others strongly recommend it. During New Student Orientation an academic advisor will help students select the learning communities which best meet their academic interests and needs.

In the fall 2003 edition of *U.S. News & World Report's America's Best Colleges*, Temple's Learning Communities Program was ranked 5th in the country as an exemplary academic program that leads to student success.

ONLINE LEARNING

Dr. Dominique Monolescu Kliger,
Director
665 Ritter Annex
215-204-3943
<http://oll.temple.edu>

The OnLine Learning (OLL) Program is a designed to give students a remote high quality education providing them more flexibility in when and how they attend classes. Courses are offered at the undergraduate and graduate levels, and also for continuing education students.

Matriculated students can register online via the OWLnet Web site www.owl.net.temple.edu. Non-matriculated or continuing education students need to register through the Office of Continuing Education in the Academic Resource Center, Rm. 113, Curtis Hall (215-204-2500). Non-matriculated students can obtain their registration forms online www.temple.edu/conted and submit them by fax to 215-204-2516. For more information check the OnLine Learning Program Web site.

Each week a student will probably receive a week's worth of assignments, and discussion materials from a listserv, or via the Blackboard course management tool. Therefore, becoming

familiar with email, Internet browsing, and chat features before enrolling in an online course is very helpful.

The OnLine Learning program provides access to over 100 courses via the Internet or via Videoconferencing formats. In addition to the Fox School of Business online MBA program, the Physical Therapy Doctor's program and the Organizational Studies undergraduate program are now also available online.

For successful completion of an online course, students are recommended to have daily access to a computer with a fast Internet connection (DSL or cable type of connections are recommended at least 56k modem). Visit the OLL Program web site for more information.

PRE-PROFESSIONAL AND PRE-GRADUATE PROGRAMS

McNair Program

Nate Knispel
215-204-8023

The Russell Conwell Center's Ronald McNair Program provides extensive pre-doctoral preparation for eligible undergraduate students. Students complete a faculty mentored research project, assist in teaching an Intellectual Heritage or departmental course, receive exhaustive graduate school preparation, and present their research at multiple conferences. Students receive a stipend during their participation.

Military Science

James C. Markert, Professor of
Military Science
Ritter Hall – Lower Level
215-204-7480

Through a curriculum offered by the Temple Department of Military Science, qualified full-time students can earn a commission as an Active Duty, Reserve, or National Guard Officer, while concurrently satisfying academic requirements for a baccalaureate or graduate degree.

Military Science courses are open to all Temple students. There is no requirement for students taking Military Science courses to enroll in the commissioning program. Students taking Military Science courses are under no military service obligation of any kind.

Students enrolled in the commissioning program incur either an active duty or reserve forces duty commitment commencing upon successful completion of the ROTC Advanced Course program and graduation from college. Temple's Department of Military Science offers both two-year and four-year curricula leading to a commission in the United States Army.

Army Reserve Officers' Training Corps (AROTC) Four-Year Commissioning Program

The Four-Year Program consists of two phases: the Basic Course and the Advanced Course.

In the Basic Course, the student takes one Military Science course each semester during the freshman and sophomore years. This instruction orients the student to activities frequently encountered during military service. Though students may voluntarily participate in weekend exercises and ROTC-sponsored events, they are under no obligation to do so. Additionally, students enrolled in the Basic Course are under no obligation for present or future military duty.

During the Advanced Course (normally the junior and senior years), the student receives instruction designed to enhance leadership abilities; reinforce managerial, supervisory, and accountability skills; and further develop the individual's foundation of military knowledge. The highlight of this instruction is the student's attendance at the five-week ROTC National Advance Leadership Course, usually during the summer between the junior and senior years. The camp is a series of rigorous leadership challenges in which the Temple student competes against students from 111 other colleges and universities. Advanced Course students (enrolled in the commissioning program) receive a tax-free stipend (juniors - \$350.00 per month and seniors - \$400 per month) each year of the Advanced Course. When students complete the Advanced Course, they are obligated to accept a commission as a Second Lieutenant and upon

graduation from college, incur either an active duty or reserve forces duty service commitment in the United States Army.

Two-Year Commissioning Program

The Two-Year Program consists of the Advanced Course and is open to any qualified full-time graduate or undergraduate student who has at least two years of academic study remaining at Temple University and has completed the Basic Course or its equivalent. Basic Course equivalency can be granted for prior active or reserve military service. Additionally, Temple students can receive this equivalency by attending a five-week ROTC Leadership Training Camp at Fort Knox, Kentucky during the summer. Following successful completion of this challenging program, the student is eligible to enter the ROTC Advanced Course. Students attending the Leadership Training Camp incur a military obligation and they are required to enroll in the ROTC Advanced Course.

Scholarships

The Military Science Department administers the Army Scholarship Program, which includes numerous options. The scholarships are awarded based on local and national competitions and are for four, three, and two years. The scholarships pay tuition, an allowance for books and lab fees, and a monthly stipend. The scholarships are awarded based on academic merit, and a student need not be enrolled in Army ROTC to apply. Inquiries should be directed to Mrs. Jackie Hankins-Kent, Department of Military Science/ROTC, Ritter Hall – Lower Level, Room 4A, 215-204-7480/9622.

Course Offerings F = offered Fall semester S = offered Spring semester

05901/Military Science (Army ROTC)

Basic Courses

0015	Introduction to Military Science I	1 s.h.	F
0016	Introduction to Military Science II	1 s.h.	S
0015L, 0016L	Leadership Lab		
0027	Small Unit Operations and Leadership	1 s.h.	S
0031	Basic Military Skills and Leadership	1 s.h.	F
0027L, 0031L	Leadership Lab		

Advanced Courses

0131	Applied Leadership and Management I	2 s.h.	F
0132	Applied Leadership and Management II	2 s.h.	S
0141	Advanced Leadership and Management I	2 s.h.	F
0142	Advanced Leadership and Management II	2 s.h.	S

Naval Reserve Officers' Training Corps

Director, Naval Science Department
University of Pennsylvania
NROTC Unit
417 Hollenback Building
3000 South St.
Philadelphia, PA 19104-6399
215-898-7436
Fax 215-573-2067
nrotc@pobox.upenn.edu
www.upenn.edu/nrotc

Temple students are eligible to participate in the Naval Reserve Officers' Training Corps (NROTC) through a cross-enrollment agreement with the University of Pennsylvania. All naval science courses are held on the University of Pennsylvania campus. The NROTC Program enables a college student to earn a commission in the Navy Reserve or the Marine Corps Reserve while concurrently satisfying requirements for his or her baccalaureate degree. Scholarship and non-scholarship programs are available.

Navy-Option scholarship and College Program (non-scholarship) students must enroll in Naval Science (NSCI) 0101 and 0102 during their freshman year, NSCI 0201 and 0202 during their sophomore year, NSCI 0301 and 0302 in their junior year, and NSCI 0401 and 0402 in their senior year. Those seeking commissions in the Marine Corps will enroll in NSCI 0101, 0102, 0202, 0310, 0410, and 0402. Tailored programs are available for students wishing to join NROTC after the start of their freshman year and before the beginning of their junior year.

Scholarship program students must complete one year of calculus (recommended for College Program students, not required for Nurse Corps candidates), one year of calculus-based physics (recommended for College Program students, not required for Nurse Corps candidates), one course in computer science (not required for Nurse Corps candidates), one course in American military history or national security policy (not required for Nurse Corps candidates), and one year of English. College Program students must complete one year of college-level algebra, one year of physical science courses, one computer science course, and one year of English. Marine-Option students are only required to complete one course in American military history or national security policy. Students must check with their naval science instructors to determine specific courses that fulfill the above requirements.

In addition to the above, all students are required to attend a two-hour professional laboratory period scheduled on Wednesday afternoons (no academic credit) that emphasizes military drill, physical fitness, professional performance, and leadership topics.

Aerospace Studies (Air Force ROTC)

Unit Admissions Officer
Det. 750
Saint Joseph's University
5600 City Line Ave.
Philadelphia, PA 19131
610-660-3190, 3191
www.csc.vill.edu/~afrotc/index.htm

Temple students are eligible to participate in the Air Force Reserve Officer Training Corps (AFROTC) through a cross-town agreement with Saint Joseph's University. This agreement allows Temple students to take Aerospace Studies classes at the AFROTC host university. All Aerospace Studies courses are held on the Saint Joseph's University campus. Credits will be transferred to Temple and appear on the official transcript. The AFROTC program enables college students to earn a commission as an Air Force officer while concurrently satisfying requirements for his or her baccalaureate degree.

The AFROTC program at Saint Joseph's University offers two-to-four-year curricula leading to a commission as a Second Lieutenant in the Air Force. In the four-year curriculum, students take classes as part of the General Military Corps (GMC) during the freshman and sophomore years. Students will also attend a four-week summer training program following the spring semester of the sophomore year. Upon their return, students then progress to the remaining two-year curricula, taking courses corresponding to the Professional Officer Corps (POC) during the junior and senior years. Those students who enter as sophomores are part of the three-year curriculum and take the second half of GMC courses. Students are under no contractual obligation to the Air Force until they accept an Air Force scholarship if offered, or enter the POC.

The subject matter of the freshman and sophomore years is developed from a historical perspective and focuses on the scope, structure, and history of military power with the emphasis on the development of air power. During the junior and senior years, the curriculum concentrates on the concepts and practices of leadership and management, and the role of national security forces in contemporary American society.

In addition to the academic portion of the curricula, students participate in a two-hour Leadership Laboratory (LLAB) each week. During this period, the day-to-day skills and working environment of the Air Force are discussed, explained, and simulated. The leadership lab is structured to allow students to practice leadership and management techniques through various methods.

Air Force ROTC offers two, three, and four-year scholarships on a competitive basis to qualified applicants. Contracted AFROTC cadets also receive a \$250, \$300, \$350, or \$400 tax-free monthly stipend depending on their college level.

Contact AFROTC at 610-660-3190 or visit their Web site at www.det750.com for further information about the program, scholarships, and career opportunities.

Course Offerings

Military Science (Navy ROTC)

Basic Courses

0100	Naval Science Drill (0 course unit)	2 hrs.
0101	Naval Orientation (1 course unit)	3 hrs.
0102	Seapower & Maritime Affairs (1 course unit)	3 hrs.
0201	Naval Ships Systems I (1 course unit)	3 hrs.
0202	Leadership & Management (1 course unit)	3 hrs.
0301	Navigation (1 course unit)	3 hrs.
0302	Naval Operations (1 course unit)	3 hrs.
0310	Evolution of Warfare (1 course unit)	3 hrs.
0401	Naval Ships Systems II (1 course unit)	3 hrs.
0402	Leadership & Ethics (1 course unit)	3 hrs.
0410	Amphibious Warfare (1 course unit)	3 hrs.

Course Offerings

F = offered Fall semester

S = offered Spring semester

Military Science (Airforce ROTC)

Basic Courses

1011	Air Force Today I	1 s.h.	F
1021	Air Force Today II	1 s.h.	S
1031	The Air Force Way I	1 s.h.	F
1041	The Air Force Way II	1 s.h.	S
2011	Air Force Leadership and Management I	3 s.h.	F
2021	Air Force Leadership and Management II	3 s.h.	S
2031	National Security Issues I	3 s.h.	F
2041	National Security Issues II	3 s.h.	S

INTERNATIONAL PROGRAMS AND STUDY ABROAD

Denise A. Connerty

Director of International Programs
200 Tuttleman Learning Center
215-204-0720

www.temple.edu/studyabroad

International education takes many forms at Temple: learning other languages, studying for a semester or year in one of Temple's programs abroad, building an international concentration into a major, or enrolling in special programs such as the Latin American Studies Semester. Students should consult school/college and course descriptions for further information on international and language studies at Temple's Philadelphia campuses.

Study abroad is one of the most rewarding and beneficial experiences available to Temple students. The opportunity to gain firsthand understanding of other cultures and languages through study abroad is personally enriching, and adding an international dimension to one's education enables students to better understand and put into context global issues and international events. Study abroad can last for a semester, an academic year, or a summer. Temple offers a number of study abroad programs for Temple students and those from other universities. Students receiving financial aid can usually apply most sources of aid to study abroad fees. The International Programs Office can provide students with information and applications for Temple programs abroad.

Study abroad staff also assists students in planning and carrying out study abroad for non-Temple programs. A resource library of information concerning fellowships and grants for overseas study and research, as well as materials describing various study programs and universities abroad, is available to members of the Temple community. Information on work and travel abroad is also available.

Several grants, including Fulbright scholarships for graduate study abroad, are administered by International Programs. In addition, advising is available concerning a variety of other options for financing study abroad.

Students interested in receiving more information about study abroad should contact International Programs, 215-204-0720.

Study Abroad – Academic Year Temple University Japan

Kirk Patterson, Dean

Temple University Japan opened in 1982 to provide Japanese students with the opportunity to obtain an American

education in Tokyo. Since then TUJ has expanded to offer an intensive English language program, associate and bachelor of arts degrees in Liberal Arts, a master of education and doctor of education in TESOL, a master of arts in economics, an executive masters of business administration, as well as corporate and continuing education programs. The present student body at the Tokyo campus numbers 1,600 and includes students from a number of countries in addition to Japan.

American undergraduate students may study at Temple Japan for a semester or year, choosing from a broad range of courses in Liberal Arts, Asian Studies, and Japanese language. Internships are also available. Regular Temple faculty on assignment from Philadelphia teach in the program along with visiting professors from other universities and special faculty hired in Japan. English is the language of instruction.

To enrich the students' exposure to Tokyo and enhance their understanding of Japanese culture, TUJ organizes several optional field trips and excursions each semester. These include half-day excursions to sites in and around Tokyo; day and overnight excursions are also arranged.

Temple University Japan is ideally located in central Tokyo in Minami-Azabu. Just 20 minutes walking distance from Roppongi, one of Tokyo's major entertainment districts, Minami-Azabu is home to several embassies, shops, and restaurants.

Students have the option of securing their own housing, or of taking advantage of housing offered by TUJ.

Information about application procedures, costs, financial aid and scholarships is available from International Programs.

Study Abroad – Academic Year Temple University London

Mrs. Deborah Marshall
School of Communications and Theater
215-204-1961

The School of Communications and Theater offers both fall semester and summer programs in Journalism, BTMM, and Theater in London. These programs are open to all Temple students, no matter what their major, as well as those from other universities. Recent course offerings have included Literature of London in the 19th Century, Politics and the British Press, British Mass Media, Contemporary British Theater, British Documentary Film, and Modern British History. Internships are also available. Some background in media and/or theater is assumed, as courses are at an advanced undergraduate level. Guest speakers and field trips enrich the curriculum.

Accommodation in shared, self-contained flats is usually arranged by the program.

Study Abroad – Academic Year Temple University Rome

Kim D. Strommen, Dean

Temple has its own campus in Rome which offers courses in architecture, landscape architecture, international business, liberal arts, and visual arts, as well as internships. Each semester, students from Temple and other universities study in Rome in courses designed to take advantage of the city's rich resources.

The Temple University Rome Dean oversees the academic program and arranges for student support services. A distinguished teaching faculty, both European and American, provides a first-rate educational experience. All courses are part of Temple's regular undergraduate and graduate curricula and carry full academic credit. Students who have not studied Italian previously must enroll in an elementary language course so they can take best advantage of their stay in Italy.

An extensive field study program complements the traditional classroom and studio curricula. Classes make regular trips to museums, architectural sites, and other points of interest in Rome. Many courses include field trips to other parts of Italy. The Villa Caproni, located in the heart of Rome on the Tiber River, houses all academic programs. The facilities at the Villa Caproni include a library with 15,000 volumes, classrooms, art and architecture studios, an art gallery, and complete technical facilities. Students live in a residence where they have cooking and other facilities. The residence is a convenient 30-minute walk to the Villa Caproni and five minutes from one of the major outdoor markets in Rome.

Information on application, costs, and financial aid can be obtained from International Programs. Temple charges regular tuition rates for the Rome program; additional costs include airfare, living expenses, medical insurance, and program expenses.

Exchange Programs

Temple University students may participate in any of Temple's university-wide exchange programs. Currently, exchange programs are in place with the University of Puerto Rico at Rio Piedras; the University of Hamburg and Tubingen University in Germany; the University of East Anglia, Norwich, England; and the University of Birmingham, England.

Students selected for these programs must qualify academically and be fluent in Spanish or German, respectively, for study in Puerto Rico and Germany.

Competitions for these programs are announced in the late fall or early spring. For further information, contact Temple's International Programs. Each exchange program can accommodate only a small number of students annually. Specialized exchange programs are also available through some schools and colleges. Check with your school or college advising office for a list of these programs.

Summer Programs Abroad

Each year, a number of faculty direct summer programs abroad for academic credit. Some programs change on an annual basis; others have been part of Temple's summer curriculum for many years. The programs generally last four to six weeks and admit qualified students from Temple and other universities. Temple charges its regular tuition rates for summer programs overseas. Descriptions of some of Temple's regular summer abroad programs follow.

Temple in Paris has operated at the Sorbonne for over 50 years. Students enroll in language and other courses suited to their background and ability; instructors are native speakers trained to work with foreign students. The Paris program generally begins in July. Participants earn 4-6 credit hours.

Temple University Japan's 10-week summer session enables students to spend the summer in Tokyo studying Japanese language and a wide variety of courses conducted in English, including many which focus on Japan and Asia.

British Mass Media, held at Temple's London campus, provides students with a comparative perspective on British and American media. Participants earn up to six hours of graduate or undergraduate credit in the program.

Art Workshop in Scotland is offered by Tyler School of Art in conjunction with the Glasgow School of Art. This intensive workshop is offered to art majors who have completed at least one year of studio work at the sophomore level.

Temple in Spain offers coursework in Spanish language and Spanish civilization. Based in Oviedo, Spain, the program includes faculty-led excursions to other major Spanish cities.

The Temple University Rome summer session is a six-week program offered during the first summer session. Students choose two courses from those offered. These normally include a range of International Business courses as well as Beginning Italian, History of Art in Rome, and Rome Sketchbook.

The **Temple in West Africa** program, based at the University of Ghana in Accra, enables undergraduate and graduate students to explore West African aesthetics and civilization. Faculty-led field trips to sites outside of Accra enrich the academic program.

UNIVERSITY HONORS PROGRAM

Note: Departmental Honors is described in this *Bulletin* under the schools and college offering it: College of Liberal Arts, Fox School of Business and Management, School of Communications and Theater.

Ruth Ost, Director

204 Tuttleman Learning Center
215-204-0710

www.temple.edu/honors/

Mail inquiries to:

Director, University Honors Program
204 Tuttleman Learning Center 008-00
Temple University
1809 North 13th Street
Philadelphia, PA 19122-6073

The University Honors Program is for academically talented students who want to major in everything – and still graduate in four years. At the core of the program are small classes taught by Temple's favorite professors, many of who have won the prestigious Temple University Great Teacher Award. Such classes reflect the academic passions of Honors professors and challenge students to think in new ways and respond with creativity. The program is expanding to include a strong research component in the junior and senior years.

The Honors staff enjoys helping students with their major choices, graduate and professional school applications, scholarship competitions, and networking. Honors students may choose to live in "1300," the designated Honors residence hall, during their freshman and sophomore years; they organize and participate in activities from coffee houses to floor hockey to community service.

Honors

University Honors is open to students enrolling in any of the 12 schools and colleges of the University. The program is normally entered at the beginning of the first year, but capable, current first-year students already at Temple or transfer students may apply. Admission is decided on the basis of academic qualifications (SAT scores, high school GPA, class rank, or merit-based awards), letters of recommendation, and samples of writing, research, and creative work. Typical Honors students will achieve a combined SAT score around 1300 and a high school GPA of 3.8. No special application is required. All admitted students are screened for Honors. An upper-level division

Honors program will be available across the curriculum. Students should check the Honors website for details.

For requirements of the program, see **Academic Policies and Regulations section of the *Bulletin*.**

HONOR SOCIETIES

Phi Beta Kappa

Phi Beta Kappa is an honor society open to juniors and seniors in the College of Liberal Arts and the College of Science and Technology, and Art History majors. To qualify for Phi Beta Kappa, a student must maintain a high grade point average in a broad, rigorous program of study in the liberal arts, including mathematics and foreign language. For a complete and detailed description of Phi Beta Kappa's requirements, visit www.temple.edu/pbk. If you have questions, please contact Stephanie Smith, Faculty Director of Academic Advising, Temple University, College of Liberal Arts, 1330 West Berks Street, Philadelphia, PA 19122, at 215-204-8115, or sgsmith@temple.edu

Golden Key

Golden Key is a national academic honors organization dedicated to excellence. Golden Key is interdisciplinary and unites the talents of the brightest undergraduate students in America. Golden Key also provides service opportunities for all University students.

Membership is by invitation only and no more than the top 15 percent of the juniors and seniors enrolled may be eligible. The Golden Key mailbox is in The Student Center where the Student Organization Offices are located.

Alpha Lambda Delta

Alpha Lambda Delta is a national society that honors academic excellence during a student's first year at college. For further information, visit their Web page at www.temple.edu/ald/ald/

STUDENT LEADERSHIP AND DEVELOPMENT OPPORTUNITIES

Greek Affairs

Ainsley Carry, Ed.D., Associate Vice President for Student Affairs and Dean of Students
Student Center
215-204-7188
215-204-1663 (Fax)

The University recognizes social fraternities and sororities from three national governing bodies: the National Interfraternity Council (NIC), the National Pan Hellenic Council (NPHC), and the National Panhellenic Conference (NPC). As members of the Temple University Greek Association (TUGA), recognized chapters and colonies participate actively in Greek

governance, community service, philanthropy, and social activities throughout the academic year. New members are recruited during the fall and spring semesters.

Student Activities

Rita L. Calicat, B.A., Director

Main Campus

Second Floor Mezzanine Student Center

215-204-7131

215-204-1846 (Fax)

www.temple.edu/sac

Health Sciences Center

2nd floor, Student Faculty Conference Center

215-707-4017

215-707-4481 (Fax)

www.temple.edu/hscsa

The Office of Student Activities develops and implements diverse University-wide programs. These programs are designed to challenge, educate, entertain, and provide social and recreational avenues for commuter and residential students alike. The staff offers guidance and advisement to over 160 campus student organizations. Involvement in these organizations can provide opportunities for students to develop leadership and management skills, promote interpersonal and social responsibility, and enhance intellectual growth and self-esteem.

The Office is also responsible for the overall operation of the Main Campus Student Center, the Gameroom, the Cinema, the Owl Cove, the Great Court in Mitten Hall and the Health Sciences Campus Student Faculty Conference Center. These facilities foster increased social interaction and a sense of community among individuals.

The Main Campus Student Center offers a three-story atrium that leads patrons to the following: Dean of Students Office Student Activities; Offices of Orientation, Judicial Affairs, Community Service; Temple Student Government; the Village (clubs and organizations area); Temple News (student newspaper); Graphics Media Center, which assists student clubs and organizations in printing, duplication and marketing of their events and activities; *The Templar* (student yearbook); Food Court, with a 700-seat dining area; a television lounge; study lounge; bookstore; information center; parking services; credit union; travel agency; and post office.

The Owl Cove offers a wide-screen television and table tennis. At night and on weekends, the Owl Cove and Great Court host a wide variety of programs for students.

The Health Sciences Campus Student Faculty Conference Center offers a bookstore, dining hall/coffee shop, study lounges, conference rooms, game

room, television lounge, dance studio, gymnasium, and fitness center. A Temple identification card is required to enter the facility.

Student Government

The Student Center, room 214

215-204-8727

Temple Student Government, consisting of an executive and a legislative branch, is the official voice of the student body. It serves as a liaison between the University administration and the students. T.S.G. members work together, as a team, focusing on issues pertinent to all Temple students. The student government stands ready to tackle concerns expressed by the students and exists to shape the future of Temple University.

Ambler Campus

Bright Hall, first floor; 215-283-1283

Temple University Ambler Student Government Association

The Ambler Campus has an active Student Government Association, which oversees student concerns, policies, interests and activities. Elections are held in the spring for various offices, giving students the opportunity to participate in election campaigns and promotions.

Student Media

Students on the Main Campus produce their own editorially independent newspaper, the *Temple News*

www.temple-news.com, during the academic year and distribute it to all campuses. The *Temple News* and the *Templar* focus on events and activities that affect the entire University community on all campuses. WRTI FM, Temple University's jazz and classical music radio station, is located on Main Campus. WRTI broadcasts on 11 different frequencies throughout Pennsylvania, New Jersey and Delaware as well as on the Internet. A limited number of student jobs are available. The Graphics Media Center (GMC), entirely staffed by students, creates and distributes posters, banners, flyers, buttons, and more for the University community. It is located on the third floor of the Student Center.

Clubs and Organizations

215-204-7131

www.temple.edu/sac

Over 160 campus student organizations are registered at Temple University, offering students a wide range of opportunities to explore their co-curricular interests.

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These academic policies and regulations generally apply to all undergraduate students and provide a framework within which schools and colleges may specify further conditions or variations appropriate to students in their courses or programs. Statements of academic policies and regulations apply to both matriculated and non-matriculated students unless explicitly noted otherwise.

The policies and regulations as stated in the *Bulletin* are announcements only and in no way serve as a contract between the student and Temple University.

The texts of some of these policies are available in the Temple online Policies and Procedures Manual at www.policies.temple.edu/.

Students should consult their advisors and Dean's offices for any changes in policy that affect them.

ACADEMIC COURSE LOAD

The average semester load for full-time students is 15 to 17 semester (or credit) hours. Students must carry at least 12 semester hours to be classified as full time.

Academic overloads during fall and spring semesters (18 or more semester hours for students in the College of Liberal Arts and the College of Science and Technology; 19 or more semester hours in all other schools and colleges) need special approval of the dean of the school or college in which a student is matriculated. Tuition for fulltime students covers 12 to 17 hours. Credits over 17 carry additional tuition charges. See **Tuition and Fees under Financial Information section of the Bulletin**.

Summer Sessions

Undergraduates must get overload approval for 9 credits or more.

ACADEMIC CREDIT

A semester hour is a unit of academic credit. For courses that meet on a regularly scheduled semester basis, a semester hour corresponds to one hour a week of lecture or recitation (or two hours of laboratory or studio activity) throughout one semester. For courses that do not meet on a regularly scheduled semester basis, the guideline is that one semester hour corresponds to 700 minutes of classroom contact.

Academic credit may be earned through traditional coursework at Temple University, courses approved for transfer from other institutions, Advanced Placement Tests, the College Level Examination Program (CLEP), cooperative work experience, and prior work or life experience. See **Admissions section of the Bulletin** and policy on **Non-Traditional Credit**.

ACADEMIC RESIDENCY REQUIREMENTS

Temple University requires that all undergraduate degree candidates complete 30 hours of the last 45 hours of the degree or program as matriculated students at Temple University. If a matriculated student previously took Temple courses on a non-matriculated basis, those courses are counted towards this requirement.

See policy on Transfer Credits.

To graduate with Honors or to be a President's Scholar, a student must complete a minimum of the last 60 semester hours of the program matriculated at Temple. Students who are granted pre-approval by their deans to take courses elsewhere, up to a full semester's work, will qualify for these distinctions if they have completed 60 hours at Temple University towards their degrees. See **Honors**.

Students should consult their school or college for additional academic residency requirements.

ACADEMIC STANDING

See **Academic Warning, Probation, Dismissal and Reinstatement** below.

ACADEMIC WARNING, PROBATION, DISMISSAL AND REINSTATEMENT

Policy Effective for Fall Semester 2003 and After

Policy

To remain in Academic Good Standing in the University a matriculated or non-matriculated undergraduate student must achieve a semester Grade Point Average (GPA) of at least 2.0 (C) for each semester and maintain a Cumulative Grade Point Average (CGPA) of at least 2.0 for all work completed at Temple University.

Academic Warning

Students will receive notification of academic warning if their semester grade point average falls below a 2.0 even while the cumulative GPA is above 2.0. Academic warning is not given for courses taken in summer school.

A student on academic warning status cannot register for courses online or by telephone, and must meet with his/her advisor to register. Advisors will help these students in planning a schedule of courses selected to assist the student in maintaining an acceptable cumulative GPA. Advisors will see to it that the planned schedules assure academic progress and the completion of required courses.

Academic Probation

Academic Probation is a sanction given to a student whose cumulative grade-point average is below 2.0 after having accumulated 24 credits.

Students on Academic Probation at the end of the spring semester are not eligible for financial aid or housing for the following academic year unless deficiency points are eliminated through attendance in summer school. A student on Academic Probation cannot register for courses online and must meet with his/her advisor to register.

A cumulative grade point average below 2.0 results in the accumulation of deficiency points. Students who have earned deficiency points will receive notification of Academic Probation on their semester grade reports.

For example, if by the end of the first year a student who has completed 30 hours, the performance in those courses should have produced 60 points:

$$30 \text{ cumulative credits} \times 2 = 60 \text{ quality points needed for 2.0 average}$$

If the student's performance has produced only 54 points, the student has accumulated 6 deficiency points, and academic probation is noted on the grade report.

$$30 \text{ cumulative credits} \times 2 = 60 \text{ points needed for 2.0 average}$$

$$-54 \text{ points earned}$$

$$6 \text{ deficiency points}$$

Eliminating Deficiency Points

Students can remove deficiency points by achieving C+ grades or better in subsequent courses. Additional grades below C will increase the number of deficiency points. The Deficiency Points Chart (see page 48) indicates the deficiency points accumulated by students receiving grades below C. The Quality Points Chart (see page 48) specifies the relation between course grades and the removal of deficiency points.

Dismissal and Reinstatement

The academic actions of Dismissal from Degree Candidacy and Reinstatement to Degree Candidacy will be guided strictly by the number of deficiency points and will be standard across all schools and colleges.

Dismissal

Except under conditions listed below, a baccalaureate degree candidate is automatically dismissed from degree candidacy for unsatisfactory academic performance if:

<i>Cumulative Credits* are:</i>	<i>Deficiency Points number:</i>
24 – 39	15 or more
40 – 69	10 or more
70 – 99	5 or more
100 and above	3 or more

* "Cumulative Credits" are determined for the purposes of this policy by counting credits in all courses graded "A" through "F". "Cumulative Credits" ignore credits in courses with incomplete grades ("I"), Withdrawals ("W"), Registered ("R"), or Audit ("AU") and credits earned in courses graded Credit/No Credit ("CR/NC") or Pass ("P"). Credits for repeated courses are calculated according to the course repeat policy. "Cumulative Credits" may differ from "Degree Credits;" the latter counts credits that accrue toward the degree and includes credits earned in courses not graded "A" to "F" and excludes courses the student does not pass.

Note: Credits transferred to Temple University will be counted at admission as "cumulative credits" in order to establish the level of progress towards a degree. Additional cumulative credits will accrue from courses subsequently taken at Temple. Deficiency points, if any, accrue only from courses taken at Temple University.

Exceptions

A baccalaureate degree candidate will not be dismissed from degree candidacy for unsatisfactory academic performance if he/she has acquired fewer than 24 cumulative semester hours of credits.

No student will be dismissed who has not in the previous semester been placed on Academic Probation.

Notification

A student dismissed from baccalaureate degree candidacy for unsatisfactory academic performance will receive a letter from the Office of Academic Records informing him/her of the dismissal. The letter includes an explanation for the dismissal action as well as instructions for enrolling as a non-degree conditional-status student (Non-Matriculating Status) and criteria for reinstatement to degree status.

Conditional Status for Dismissed Students

A student dismissed from baccalaureate degree candidacy for unsatisfactory academic performance may register for Temple courses as a non-degree conditional-status student, with the following conditions. A non-degree conditional-status student is not eligible for financial aid or University housing. The advising office of the Temple school or college or academic unit from which the student was dismissed registers the student during the enrollment period reserved for non-matriculating students and on a space-available basis; the courses taken must be suitable for demonstrating the student's ability to succeed at Temple University. The student may enroll for up to 10 semester hours for a fall or spring semester or up to 4 semester hours for a summer session, for a total of up to 20 semester hours to be completed within two calendar years of the dismissal date.

Reinstatement and Readmission

Students will be accorded only one opportunity for reinstatement.

Students who complete course work on conditional status may apply to any Temple school or college for reinstatement to degree candidacy when they have removed at least half of their deficiency points. All decisions to readmit students must be approved by the Office of the Provost. After reinstatement, a student must remove any remaining deficiency points within two additional semesters. Students who fail to do so will be summarily dismissed.

A dismissed student, whether he or she has taken courses on conditional status or not, may apply for readmission after five years from the date of last enrollment at Temple University. Application for readmission to degree candidacy may be made to any Temple school or college. A decision to readmit a student must be approved by the Office of the Provost. Readmitted students will be treated as transfer students, in that they will receive credit for all courses passed at Temple or elsewhere, and will re-enter the University with no cumulative grade-point average. This readmission policy, with its forgiveness provision, will go into effect for spring 2009.

ASSOCIATE DEGREE CANDIDATES

Academic Warning

The rules and procedures related to Academic Warning for baccalaureate degree students apply also to associate degree candidates.

Academic Probation

The rules and procedures related to Academic Probation for baccalaureate degree students apply also to associate degree candidates.

Associate Degree Dismissal and Reinstatement Policy

An associate degree candidate will not be dismissed from degree candidacy for unsatisfactory academic performance if he/she has acquired fewer than 20 cumulative semester hours of credits.

All other rules related to dismissal and reinstatement for baccalaureate degree students also apply to associate degree students.

Conditional Status for Associate Degree Students

Provisions for conditional status are the same for associate degree students as for baccalaureate degree students. However, an associate degree student on conditional status may enroll for no more than 10 semester hours which must be completed within one calendar year of the date of dismissal.

Reinstatement and Readmission of Associate Degree Students

The rules are the same for associate degree and baccalaureate degree students.

<i>Cumulative Credits* are:</i>	<i>With Grade-Point Deficiencies of:</i>
20 to 29	12 or more
30 to 49	6 or more
50 or more	3 or more

"Cumulative Credits" are determined for the purposes of this policy by counting credits in all courses graded "A" through "F". "Cumulative Credits" ignore credits in courses with incomplete grades ("I"), Withdrawals ("W"), Registered ("R"), or Audit ("AU") and credits earned in courses graded Credit/No Credit ("CR/NC") or Pass ("P"). Credits for repeated courses are calculated according to the course repeat policy. "Cumulative Credits" may differ from "Degree Credits;" the latter counts credits that accrue toward the degree and includes credits earned in courses not graded "A" to "F" and excludes courses the student does not pass.

Note: Credits transferred to Temple University will be counted at admission as "cumulative credits" in order to establish the level of progress towards degree. Additional cumulative credits will accrue from courses subsequently taken at Temple. Deficiency points, if any, will come only from courses taken at Temple University.

Grade-Point Deficiency Chart

This chart will assist you in determining the deficiency points accumulated by students who receive grades of C- or less in courses graded "A" to "F".

Grade	Grade-Point Equivalent	Course Credits	Quality Points Acquired	Quality Points For a 2.00	Deficiency Points Accumulated	
C-	1.67	X 1	=	1.67	2	0.33
	1.67	X 2	=	3.34	4	0.66
	1.67	X 3	=	5.01	6	0.99
	1.67	X 4	=	6.68	8	1.32
D+	1.33	X 1	=	1.33	2	0.67
	1.33	X 2	=	2.66	4	1.34
	1.33	X 3	=	3.99	6	2.01
	1.33	X 4	=	5.32	8	2.68
D	1.00	X 1	=	1.00	2	1.00
	1.00	X 2	=	2.00	4	2.00
	1.00	X 3	=	3.00	6	3.00
	1.00	X 4	=	4.00	8	4.00
D-	0.67	X 1	=	0.67	2	1.33
	0.67	X 2	=	1.34	4	2.66
	0.67	X 3	=	2.01	6	3.99
	0.67	X 4	=	2.68	8	5.32
F	0.00	X 1	=	0	2	2.00
	0.00	X 2	=	0	4	4.00
	0.00	X 3	=	0	6	6.00
	0.00	X 4	=	0	8	8.00

Quality Points Chart

This chart will assist you in determining the grade and credits that must be earned to remove deficiency points.

Grade	Grade-Point Equivalent	Course Credits	Quality Points Acquired	Quality Points For a 2.00	Deficiency Points Removed	
A	4.00	X 1	=	4.00	2	2.00
	4.00	X 2	=	8.00	4	4.00
	4.00	X 3	=	12.00	6	6.00
	4.00	X 4	=	16.00	8	8.00
A-	3.67	X 1	=	3.67	2	1.67
	3.67	X 2	=	7.34	4	3.34
	3.67	X 3	=	11.01	6	5.01
	3.67	X 4	=	14.68	8	6.68
B+	3.33	X 1	=	3.33	2	1.33
	3.33	X 2	=	6.66	4	2.66
	3.33	X 3	=	9.99	6	3.99
	3.33	X 4	=	13.32	8	5.32
B	3.00	X 1	=	3.00	2	1.00
	3.00	X 2	=	6.00	4	2.00
	3.00	X 3	=	9.00	6	3.00
	3.00	X 4	=	12.00	8	4.00
B-	2.67	X 1	=	2.67	2	0.67
	2.67	X 2	=	5.34	4	1.34
	2.67	X 3	=	8.01	6	2.01
	2.67	X 4	=	10.68	8	2.68
C+	2.33	X 1	=	2.33	2	0.33
	2.33	X 2	=	4.66	4	0.66
	2.33	X 3	=	6.99	6	0.99
	2.33	X 4	=	9.32	8	1.32

NOTE: As a quick reference, keep in mind that every credit earned with a grade of B removes one grade-point deficiency.

Dates of official enactment and amendments:

Adopted by the President on June 12, 2003.

History:

This policy supersedes all policies and procedures related to academic warning, dismissal and reinstatement for undergraduates, and specifically "Probation and Dismissal" posted in the Academic Policy section of the *Undergraduate Bulletin*.

Cross References:

none

This policy is subject to change. The most current version of the applicable policy is available at http://policies.temple.edu/getdoc.asp?policy_no=02.10.11

ATHLETIC POLICIES

Continuing academic eligibility requirements for student athletes relative to NCAA guidelines are stated below. Student-athletes with any questions regarding athletic eligibility should call the Director of Compliance at 215-204-4923.

1. Student athletes must be registered for a minimum of 12 semester hours in each semester of attendance. They may not withdraw from courses that would put them below 12 credits during their season of competition, unless their season is officially concluded. Student-athletes must receive written approval by the Director of Academic Support for Student-Athletes before withdrawing from any course in any academic semester and are strongly encouraged to see their Athletic Academic Counselor before revising their course roster at any time.
2. They must accumulate 24 semester hours of acceptable degree credits each year or an average of 12 for each semester of attendance.
3. They must meet the academic requirements of the University.
4. They must also officially declare a major prior to the beginning of their fifth semester at the University.
5. Any remedial courses must be successfully completed during the first calendar year of attendance.
6. At the beginning of their sixth semester in school, student-athletes must obtain a Graduation Review form from their Athletic Academic Counselor and have it completed by their assigned College Academic Advisor to determine the exact number of credits needed for graduation in their declared major.

For Students who started full-time enrollment prior to Fall 2003:

7. At the beginning of the third year of school, student-athletes must have completed 25% of their entire degree program. At the beginning of the fourth year of school, student-athletes must have completed 50% of the entire degree program. At the beginning of the fifth year of school, student-athletes must have completed 75% of their entire degree program.
 8. At the beginning of the third year of school, student-athletes must present a minimum cumulative GPA of a 1.80. At the beginning of the fourth and/or fifth years of school, student-athletes must present a minimum cumulative GPA of a 1.90.
- For Students who start full-time enrollment in Fall 2003 and after:**
7. At the beginning of the third year of school, student-athletes must have completed 40% of their entire

degree program. At the beginning of the fourth year of school, student-athletes must have completed 60% of the entire degree program. At the beginning of the fifth year of school, student-athletes must have completed 80% of their entire degree program.

8. At the beginning of the second year of school, student-athletes must present a minimum cumulative GPA of a 1.80. At the beginning of the third year of school, student-athletes must present a minimum cumulative GPA of a 1.90. At the beginning of the fourth and/or fifth years of school, student-athletes must present a minimum cumulative GPA of a 2.00.

Eligibility

The Department of Intercollegiate Athletics is committed to practices, procedures and policies that are designed to assure proper emphasis on educational objectives, to promote competitive equity among institutions and to prevent the exploitation of student-athletes.

Eligibility to represent Temple University in intercollegiate competition as a varsity athlete is a privilege and not a right. Additionally, Division I eligibility standards are more rigorous than other divisions. Factors which constitute eligibility include, but may not be limited to:

- Conduct and Behavior
- Academic Eligibility
- NCAA Satisfactory Progress Standards
- Medical Certification

It should be noted that NCAA rules have been changed (2003-2004) to reflect progressively more rigorous academic standards for student-athletes.

ATTENDANCE

See Attendance under Student Responsibilities section of the *Bulletin*.

AUDIT

There may be circumstances under which a student will wish to audit a course (i.e., participate in the class without earning academic credit, credit hours, or grades.)

The student must have written permission of the instructor and of the Dean of the college on a special approval form. Full tuition is charged, and standard payment procedures apply.

Change of registration from credit to audit, or from audit to credit, may be processed only during the following periods:

- before the end of the second week of the fall or spring semesters.

- before the end of the third day of classes during summer sessions.

CODE OF CONDUCT

The Temple University Student Code of Conduct can be viewed at <http://policies.temple.edu/>. Printed copies are available at the Dean of Students' Office.

COURSE NUMBERING SYSTEM

The general University course numbering system is as follows:

- Undergraduate 0001-0399
- Lower Division 0001-0099
- Lower Division Honors 0090-0099
- Upper Division 0100-0399
- Upper Division Honors 0190-0199, 0290-0299, 0390-0399
- Graduate 0400-0999

Some courses numbered 0100-0399 may be taken for graduate credit with approval. In these instances, graduate fees are assessed.

For more specific policies, consult individual schools, colleges, or programs.

COURSES INAPPLICABLE TO GRADUATION

Semester hours earned in some courses are excluded from the total minimum semester hours required for graduation from some schools and colleges. While policies vary among schools and colleges, courses inapplicable to graduation requirements generally are ELECT, Mathematics 0015 (formerly Mathematics 0001), Russell Conwell Center courses, and Military Science (ROTC) courses.

For specific information, see Policies and Regulations: Courses Inapplicable to Graduation in each school and college's section in this *Bulletin*, or consult academic advisors.

COURSES MORE THAN TEN YEARS OLD

In admitting transfer or returning students, the University will, when possible, allow credit for courses taken ten or more years prior to the date of admission or readmission.

However, academic units may choose not to accept courses regardless of age for credit in the major. Courses of a technical nature or courses in a particularly dynamic field may not be accepted for credit.

Final determination of the acceptability of such sources is the responsibility of academic units and generally occurs after the student has matriculated or been readmitted.

CREDIT/NO CREDIT COURSES

Eligible students may want to take a course in an area in which they are not proficient or about which they are

curious while not risking their grade point average. Such students, with certain provisions, may be graded using the CR/NC system.

Students may select the CR/NC grading option or return to the traditional grading option only during the first two weeks of a fall or spring semester course and during the first three days of a first or second summer session course, with the written authorization of their advisor and Dean.

Eligibility is limited to:

- matriculated, full-time students
- those in good academic standing (2.0 cumulative GPA or higher)
- juniors or seniors (60 or more semester hours)

Courses are restricted to:

- non-required electives
- one CR/NC course per semester
- maximum of four CR/NC courses toward the degree

No grade points are assigned to either the CR or NC grade. CR is equivalent to A, A-, B+, B, B-, C+, C, or C-. NC is equivalent to D+, D, D-, or F. The semester hours earned are credited toward the total required for graduation. Because CR and NC yield no grade points, they are not included in divisor hours for calculating the grade point average. CR and NC are not included in calculating cumulative credits for determining academic actions specified in the Undergraduate Policy on Academic Warning, Probation, Dismissal and Reinstatement.

DECLARATION OF MAJOR

Students admitted to Temple for fall 2002 and after must be enrolled as a major in a degree-granting program in a school or college by the time they have completed 60 credits, including any credits transferred from another institution.

Students admitted to Temple with 60 or more transfer credits will be matriculated directly into a degree-granting program, rather than as "undeclared" in a school or college or the Division of University Studies.

Students declare a major either by completing their school's or college's declaration of major process (see **specific school or college section in this Undergraduate Bulletin**) or by completing an intra-university transfer to another Temple school or college (See **policy on Transfer between Colleges within the University**).

Individual schools and colleges may require students to declare a major earlier than 60 credits. Students should consult the policies and regulations of their own school/college for any additional guidelines regarding declaration of major.

DISCIPLINARY ACTION

The University Disciplinary Committee is responsible for administering the Student Code of Conduct. Violations of the University's Code of Conduct, including, among other violations, stealing, cheating, disorderly conduct, plagiarism, and possession of illegal drugs, may result in a student's being brought before the University Disciplinary Committee. A finding of responsibility may result in a fine, suspension, and/or dismissal. A disciplinary hold is placed on the student's record until sanctions are fulfilled.

DOUBLE MAJOR ACROSS COLLEGES

A student who meets the major requirements of two departments may declare, and have recorded on his or her transcript, a double major. Students who graduate with a double major across two colleges are required to complete all University requirements and the requirements of both majors, but only one set of collegial requirements. The student must obtain prior approval from both schools or colleges. One department must be declared the primary department for the purpose of registration and college graduation requirements. (Students considering a double major across colleges should ask academic advisors in both colleges about college policies related to choosing the primary department).

FINAL EXAMINATIONS

University policies require that final examinations be given only during the final examination week as noted on the academic calendar, which is printed each year in this *Bulletin* and available at www.temple.edu/registrar.

For day classes on Main and Ambler campuses, a detailed examination schedule, by day and time, is published in each semester's *Class Schedule* and available at www.temple.edu/registrar; this information is also circulated at the beginning of each semester.

Final examinations for evening classes on Main and Ambler campuses, TUCC classes, Health Sciences Center classes, and Tyler School of Art classes are given at regular class time during final examination week.

GRADE CHANGE

No change of final grade for a completed course will be made without the approval of the instructor's Dean. Deans will consider the grade change upon receipt of the instructor's written explanation. No grade will be changed after the baccalaureate degree is awarded.

GRADE POINT AVERAGE (GPA)

Each student's transcript indicates the credit hours completed and passed, grade points, and grade point average (GPA).

The grade point average also appears on a student's semester grade reports, DARS reports or the academic advising document.

A student's grade point average (GPA) may be useful in assessing academic progress, in determining eligibility for specific programs, or in determining eligibility for Honors or other awards.

No change in a student's grade point average is made after the baccalaureate degree is awarded.

To Compute Semester Grade Point Average

1. Multiply the value of the grade (see policy on Grades and Grading below) by the course's number of semester hours to get quality points.
2. Add the total quality points.
3. Divide total number of quality points by the total number of semester hours completed in courses that yield quality points.

Note: Not included in GPA computations: I, IC, IP, MG, NR, CR, NC, R, P, AU, W, WE, WS, PL. Also see policy on Repeating a Course below.

To Compute Cumulative Grade Point Average

Divide the total number of quality points by the total number of semester hours completed in courses that yield quality points.

Note: Not included in GPA computations: I, IC, IP, MG, NR, CR, NC, R, P, AU, W, WE, WS, PL. Also see policy on Repeating a Course below.

For credit transferred from other institutions, no grade points are allowed. **Also see Repeating a Course.**

GRADES AND GRADING

Semester Grades

The work of all undergraduate students is graded and reported at the end of each semester. Students may access their semester grades on OWLnet within 48 hours of the end of the examination period for that semester, and may request a mailed grade report through OWLnet.

Three systems are in use for grading and reporting students' work:

1. Letter grades and points

A	4.00 Excellent
A-	3.67
B+	3.33
B	3.00 Good
B-	2.67
C+	2.33
C	2.00 Fair
C-	1.67
D+	1.33
D	1.00
D-	.67 Passing
F	.00 Failed
WF	.00 Withdrawal with a failing grade

Note: Although D- is a passing grade, a minimum grade of C- is required in Core curriculum courses and, in many programs, courses required in the major.

2. Credit/No Credit

CR	Equivalent to A, A-, B+, B, B-, C+, C, or C-
NC	Equivalent to D+, D, D-, or F

Note: In the Credit/No Credit system, no grade points are assigned, but a limited number of credits in courses in which students earn the CR designation counts toward the total credit hours completed. See Credit/No Credit Courses.

3. P/R/F — for ELECT and

Mathematics 0015	
P	Completion of the placement or proficiency course requirements
R	Progress in satisfying the requirement, but continuing enrollment in the course is required. Students must re-register for the course.
F	Unsatisfactory progress in working on the course requirements; student must re-register for the course

4. Other transcript notations

Au	Audit
I	Incomplete
IC	Incomplete in a Credit/No Credit course
IP	Incomplete pass/fail course
MG	Grade temporarily missing
NR	Grade not reported
PI	Permanent incomplete
W	Withdrawal from course
WE	Withdrawal with approved excuse
WS	Withdrawal from the semester

For more information, see policies on Audit, Credit/No Credit Courses, Incomplete Coursework, and Withdrawal Policies in this section of the *Bulletin*.

Academic Progress in Lower Division Courses

Students in lower-level courses numbered below 0100 receive a mid-semester rating report indicating that their work to date is satisfactory or unsatisfactory, or that they have not been attending the course. This report is available on OWLnet by the end of the sixth week of fall and spring semesters.

GRADUATION PROCEDURES

As students approach the end of their undergraduate careers, they must make sure that they are eligible for and can participate in graduation ceremonies.

In their junior year, or when 80 semester hours have been completed, students should begin an ongoing graduation check with their academic advisors in order to determine that they are meeting the University, college, departmental, and program requirements for their degree and for graduation.

Early in the semester in which requirements for graduation will be completed, each student pays the University Graduation Fee at the Cashier's Office. For the current fee, see **Tuition and Fees under Financial Information section of the *Bulletin***.

The validated Treasurer's receipt accompanies the completed Application for Graduation form and is submitted to the Office of the Dean. (Students in the Fox School of Business and Management must submit their application for graduation and receipt to their Dean's Office prior to registration for their final semester.)

Application Deadlines

- February 15 for May graduation
- June 1 for August graduation
- October 15 for January graduation

Earlier deadlines may be in effect in some academic units. The Application for Graduation form must be properly completed, particularly the areas relating to the resolution of incompletes and diploma instructions.

Information concerning commencement activities (such as time, place, invitations, rental of academic regalia) is mailed to students submitting the Application for Graduation form.

Students will not have their degree awarded or diploma or transcript released until all University tuition and fees have been paid.

GRIEVANCES

See **Grievances under Student Rights section of the *Bulletin***.

HONORS FOR ACADEMIC ACHIEVEMENT

Temple University recognizes academic achievement in several ways.

Dean's Lists

Dean's Lists record the names of those full-time matriculated undergraduate students in each school or college who completed a semester's work with a stated minimum number of semester hours and GPA. Also, part-time matriculated undergraduate students who have earned at least 12 credit hours across an academic year (fall and spring semesters) are eligible to be considered for Dean's List recognition for that academic year. See the **Academic Criteria for Dean's List chart**.

President's Scholars

President's Scholars are those graduating seniors who are scheduled to complete at least their last 60 hours matriculated at Temple University; who have completed 45 of those last 60 hours; and whose cumulative GPA is at least 3.75. President's Scholars are recognized annually at a special ceremony and reception during the spring semester.

Graduation with Honors

This distinction is bestowed upon those candidates for baccalaureate degrees who have completed at Temple University at least their last 60 hours toward their degrees. Such students will be awarded their degrees "with

praise" if the cumulative Grade Point Average is:

- 3.25 Cum laude
- 3.50 Magna cum laude
- 3.75 Summa cum laude

Students who are granted pre-approval by their deans to take courses elsewhere, up to a full semester's work, will qualify for these distinctions if they have completed 60 hours at Temple University towards their degrees. See also **University Honors Program; Supplemental Educational Programs; Honor Societies in the *Bulletin*; and the schools and colleges for college and departmental honors and honors programs**.

INCOMPLETE COURSEWORK

An instructor may file an "I" (Incomplete) when a student has not completed the work of a course by the time grades must be submitted, but has completed the majority of the work at a passing level and has a written agreement with the instructor and the department regarding completion of the work, including the nature of the work to be completed, the means by which the final grade will be determined, and the date by which the work must be completed. The completion date may be no later than one year from the end of the semester in which the student took the course. The agreement shall also specify a default grade to be received if the work is not completed by the date indicated. One copy of the agreement shall be retained by the instructor, one shall be given to the student, and one shall be filed with the department office or, in colleges or schools without departments, the Dean's office.

As of September 1, 2003, if the instructor does not change the grade of "I", pursuant to the agreement with the



student, by the end of one year from the time the grade of “I” was awarded, the appropriate University official shall automatically change the grade of “I” to the reported default grade, and the default grade shall appear on the transcript and be used for all other grading purposes as the actual grade received in the course.

Faculty advisors and staff advisors have the option of not permitting a student to register for an “overload” if the student is carrying one or more active incomplete courses, or for a “full load” if the student is carrying two or more active incompletes.

LOWER DIVISION STUDENT ACADEMIC PROGRESS

Instructors in lower division freshman and sophomore courses will provide evaluations of student progress by the end of the fifth week of class. It is the course instructor’s responsibility to complete and return an early report indicating satisfactory or unsatisfactory progress for each student. Students will receive mid-semester ratings on their OWLnet accounts for each lower division course taken.

MATRICULATED STUDENTS

Matriculated students are those who have applied, been accepted, and enrolled in a degree program of the University during the semester for which they were admitted.

Completion of course credits before becoming a matriculated student does not assure the acceptance of those credits into the program of matriculation.

NON-MATRICULATED STUDENTS

Non-matriculated students are those who have not been admitted formally to a degree program. For information and academic advising for non-matriculated students, see **Special Programs (Credit and non-credit): Continuing Education.**

Degree-seeking non-matriculated undergraduate students are required to apply for admission to a degree program before they complete 30 credits in Continuing Education.

Prior to their enrollment, degree-seeking students are required to take one or more University placement tests. (Some transfer students may be exempt from this requirement; to find out if they are exempt or not, they are strongly encouraged to seek guidance from a Continuing Education academic advisor prior to taking this test).

Non-matriculated undergraduate students are not allowed to take more than 11 credits during their first semester.

Non-matriculated students interested in personal or professional enrichment courses are not required to take a placement test. College transcripts showing prerequisite courses may be required prior to their enrollment.

Non-matriculated undergraduate students who are accepted into an undergraduate degree program may count their Temple, non-matriculated credits toward their residency requirements. Such credits may also count toward students’ eligibility for Latin Graduation Honors.

NON-TRADITIONAL CREDIT

Temple University awards limited academic credit and course placement to students based on previous academic, employment, and/or other learning experience in addition to credit earned in a traditional classroom setting.

Advanced Placement Tests

Temple awards college credits to students who in high school participated in the Advanced Placement program sponsored by the College Examination Board as follows:

- Chemistry, Economics, English, History (American and European), Physics – Minimum score of 4
- Other subjects – Minimum score of 3

Students who receive the minimum score in the English Advanced Placement test will receive English elective credit, not Composition credit.

Students should have taken these tests in high school and should have their scores sent directly to the Office of Undergraduate Admissions. Transfer students must request Educational Testing Services to send their Advanced Placement Test scores to the Office of Undergraduate Admissions, even if they have requested them for a previously attended college.

Advanced Placement credits can be counted toward eligibility for the 45+ Transfer Core if the student also has transfer courses from another college or university. **See Core Curriculum: Core Transfer Programs.**

College Level Examination Program (CLEP).

CLEP provides a mechanism for students to meet the requirements of a class through examination. Temple recognizes students’ prior learning by accepting the CLEP tests indicated in the CLEP equivalencies chart. In addition, credit is granted for acceptable performance on the following sections of the General Examination; Mathematics, Natural Sciences, and Social Sciences and History. Students should contact the advising center in the College of Science and Technology (for Mathematics or Natural Sciences) or the College of Liberal Arts (for Social Sciences and History).

Students must obtain permission to take any CLEP test from the dean of the college in which they are matriculated and the dean of the college that offers the course equivalent. See the CLEP equivalencies chart for a list of the subject examinations and the number of the course equivalent for which Temple grants credit.

All literature, history, and political science examinations require an essay. Students planning to take CLEP tests are urged to do so no later than the semester before they expect to graduate. Information about test dates, fees, and the application process may be obtained from the Measurement and Research Center, 3rd floor, Sullivan Hall, Main Campus, 215-204-8611.

Transfer students can earn credit through prior CLEP exams if their scores meet the Temple credit-granting standards. They should have their CLEP scores sent directly to the advising center of the college that offers the course equivalent. If that college approves the granting of CLEP credit, it is posted to the student’s record by the Office of Academic Records.

Temple will grant up to 45 credits to a student for successful performance on CLEP examinations.

CLEP credits granted by Temple, and those taken prior to admission to Temple and confirmed by the appropriate Temple department, are counted toward eligibility for the 45+ Transfer Core. **See Core Curriculum: 45+ Transfer.**

Assessment of Prior Learning.

Semester hours that count toward the minimum requirement of a college or program occasionally may be earned through cooperative work experience and prior learning. Decisions to assess learning experiences are made by the individual colleges. An evaluation or work experience may be based on the submission of papers, presentation of a portfolio of completed work, and/or a demonstration of acquired skills.

Credit so granted is based on a faculty evaluation of the respective learning experiences in terms of their identified relationship to the knowledge and skills required, either in the pursuit of educational programs in the college or in the performance of tasks related to the substance of study. Semester hours credited toward the minimum number for a degree are always granted relevant to a specific program. If students change their programs of study, semester hours credited toward an earlier program of study may not be recognized in the new program.

Credit for relevant prior learning will be granted after completion of a minimum of 30 credits of formal coursework.

Approval of relevant prior learning credit must be in writing over the signature of at least one sponsoring faculty member, the appropriate department or committee chairperson, and the Dean of the college that is granting the credit.

The total number of semester hours granted by all non-traditional means seldom exceeds eight semester hours; and individual colleges or programs may grant substantially less (including no credits) than this number.

Grades are not assigned to academic and prior learning credit.

Each college engaged in the assessment of academic and work experiences determines its own procedures for review and testing; students should contact the appropriate Dean’s office for information about the procedures for assessment.

International Baccalaureate

Temple awards college credits to students who pass the International Baccalaureate Program’s higher-level course exams with an exam grade of five and above. IB transcripts should be sent directly to the Office of Undergraduate Admissions.

CLEP Equivalencies

Temple University CLEP Examination	Corresponding Department	Temple Course
American Government	Political Science	Political Science C051, The American Political System
American History I	History	History C067, U.S. History to 1877
American History II	History	History C068, U.S. History since 1877
American Literature	English	English W116, Survey of American Literature
Analyzing and Interpreting Literature	English	English X084, Introduction to Literature
General Biology	Biology	Biology C083, General Biology
English Literature	English	English 0114 or 0115, Survey of English Literature to 1160, or 1660–1900
General Chemistry	Chemistry	Chemistry C071 General Chemistry I
General Psychology	Psychology	Psychology C050, Psychology as a Social Science
Introduction to Management	Human Res. Mgmt.	HRM 0103, Organization and Management
Introductory Accounting	Accounting	Accounting 0001 and 0002, Principles of Accounting I and II
Introductory Business Law	Law (Business)	Legal Studies C001, Law in Society
Intro. Macroeconomics	Economics	Economics C051, Macroeconomic Principles
Intro. Microeconomics	Economics	Economics C052, Microeconomic Principles
Introductory Marketing	Marketing	Marketing 0081, Introduction to Marketing
Introductory Sociology	Sociology	Sociology C050, Introduction to Sociology
Western Civilization I	History	Lower Level History Elective
Western Civilization II	History	Lower Level History Elective

PERMISSION TO TAKE COURSES AT ANOTHER INSTITUTION

Students will not receive transfer credit for courses they take at another institution while they are matriculated at Temple, unless

1. They receive prior permission from their Temple school or college
2. It is through an approved study abroad program

1. Prior permission to take courses elsewhere may be granted by the student's academic advisor after a review of the student's request and academic program. Advisors will not approve requests from matriculated Temple students to take courses at other institutions within commuting distance of Temple unless there is a compelling academic justification.

To receive prior permission to take courses elsewhere, students must be in good academic standing. Permission is rescinded if the student's GPA falls below 2.0 or the student is placed on academic warning or probation. During the semester prior to the one in which they wish to take the course(s) elsewhere, students must fill out a request for permission form obtained from their Academic advisor and return it to the advisor with a copy of the official course description(s) from the school at which they wish to take the course. For courses intended to fulfill requirements in a student's major, written approval from the departmental coordinating advisor must accompany the form.

Students should note that some Temple schools and colleges have additional limitations on the kind or number of transfer credits accepted.

Thirty of a student's last 45 credits must be taken at Temple University. See **Academic Residency Requirements**.

To graduate from Temple with Honors, students must complete "at least their last 60 hours toward their degrees in residence at Temple University." See **Honors**.

Once a student has received prior permission and taken a course elsewhere, the student must have an official transcript from that institution sent to the student's Temple advising office before the beginning of the following semester.

As with all courses accepted in transfer, only courses passed with a grade of C- or higher are granted transfer credit. See **Admissions: Transfer Credit**.

2. Study abroad programs. For information about Temple study abroad programs, see **International Programs and Study Abroad**. For information about receiving permission to study abroad through another institution, see **Study Abroad Approval Procedures for Non-Temple Programs**.

PLACEMENT TESTING

www.temple.edu/marc/placements.html
See **Admissions: Placement Testing section of the Bulletin**.

PLAGIARISM AND ACADEMIC CHEATING

See **Student Responsibilities and Rights: Academic Honesty section of the Bulletin**.

PREREQUISITES AND CO-REQUISITES

A course **prerequisite** is any requirement an academic department identifies as essential for a student to complete before taking a course. The University is responsible for publishing prerequisite requirements. All prerequisites, whether they apply to an individual course or to all courses in a department, should be stated in the printed and electronic versions of the current edition of the University's Undergraduate Course Descriptions. They should also be stated in the course syllabus.

Course prerequisites consist of one or more of the following: completion of placement or proficiency tests or other assessments; achievement of specified scores on placement or proficiency tests or other assessments; possession of specified knowledge or skills; approval after audition; approval of portfolio; declaration of major or admission to restricted program; completion of specific courses, sets of courses, and/or kinds of courses; completion of a specified number of semester hours or achievement of a specified class level; achievement of specified grades in prerequisite courses or sets of courses; achievement of a specified GPA; approval of an application or proposal; permission of the instructor, department, or other person or office; satisfaction of other specified requirements.

Students are responsible for knowing and completing all published prerequisite requirements for a course before taking that course. The University has the obligation to inform students of prerequisite requirements. It has the right to cancel a student's registration in a course if the student has not satisfied the published prerequisite requirements for that course.

A course **co-requisite** is a requirement that must be completed at the same time as the course for which it is required. The University is responsible for publishing co-requisite requirements. All co-requisites, whether they apply to an individual course or to all courses in a department, should be stated in the printed and electronic versions of the current edition of the University's Undergraduate Course Descriptions. They should also be stated in the course syllabus. Co-requisites may be specified courses,

permissions, admission to programs, and/or other requirements. Students are responsible for knowing and completing all published co-requisite requirements for a course. The University has the obligation to inform students of co-requisite requirements, and the right to cancel a student's registration in a course if the student has not arranged to satisfy the co-requisite requirements for that course.

PROBATION AND DISMISSAL

See **Academic Warning, Probation, Dismissal and Reinstatement**.

REGISTRATION

See the **Registration section of the Bulletin**.

REPEATING A COURSE

Students may wish to repeat a course in order to earn a higher grade, either to raise their grade point average or to receive a grade required by their major or to meet another requirement, such as achieving the minimum C- required for successful completion of Core Curriculum courses.

The decision to repeat a course for a higher grade must be made in consultation with an advisor. A repeated course must be graded using the same grading system (pass/fail, credit/no credit, or letter grade) as when originally taken.

If an undergraduate student takes a course more than once, (a) all occurrences of the course will appear on the student's transcript, but (b) all grades other than the lowest grade received will be used in calculating the student's grade point average.

Except for courses designed to be taken multiple times, such as independent study, research, or other specified courses, credit for a given course will be granted only once.

This policy will apply only when one or more of the repeated courses is taken after September 1, 2003.

No change in a student's undergraduate grade point average is made after the baccalaureate degree is awarded.

SATISFACTORY ACADEMIC PROGRESS

Satisfactory academic progress is determined by a number of factors, including a student's semester grade point average, cumulative grade point average, and the number of semester hours attempted and completed. A student's progress is reviewed at the end of each semester by the student's Temple school or college and may affect the student's ability to continue in a program or major and eligibility

for financial aid. Students should be advised that course withdrawals and incompletes will affect their progress and thus their academic standing. See **Academic Warning, Probation, Dismissal and Reinstatement, p. 46.**

SCHEDULE REVISION (DROP/ADD)

See **Schedule Revision (Drop/Add)** in the **Registration** section of the *Bulletin*.

SECOND DEGREES

Students may earn second degrees in some schools and colleges of Temple University. Students interested in earning a second degree should consult with the Office of the Dean of the school or college offering the desired degree.

Schools and colleges may waive up to nine credits of degree requirements outside the new major for students who already have a bachelor's degree from Temple University or from another college or university and who desire a second degree from Temple. This waiver pertains to requirements not satisfied by credits transferred from other colleges or universities.

Students who hold their first bachelor's degree from Temple are exempted from courses or course categories required of all undergraduates, such as non-major Core Curriculum requirements. However, courses accepted in transfer for a student's first Temple degree may not apply to their second Temple degree, depending on the second degree requirements.

STUDENT EDUCATIONAL RIGHTS AND PRIVACY ACT

See **Student Responsibilities and Rights: FERPA.**

STUDY ABROAD APPROVAL PROCEDURES FOR NON-TEMPLE PROGRAMS:

To receive credit for courses taken on a non-Temple study abroad program during the academic year or summer sessions, matriculated students in good academic standing are required to discuss their study abroad plans with their academic advisor, have the International Programs Office endorse the chosen study abroad program, and seek final written approval from their school or college advising office. Students should obtain the Study Abroad Approval form from their advisor or the International Programs Office, and during the semester prior to study abroad, fill out the form and obtain the appropriate signatures.

Permission to study abroad is rescinded if the student's GPA falls below 2.0, or the student is placed on academic warning or probation. As

with all courses accepted in transfer, only a grade of C- or higher is acceptable; an official transcript must be forwarded to the student's advising office before the beginning of the following semester. Thirty of the student's last 45 credits must be taken at Temple University. See **International Programs and Study Abroad.**

TRANSCRIPTS

A student's academic history is contained in a transcript, which is maintained by the Office of Academic Records.

Official transcripts are issued upon the written request of the student, carry the seal of the Office of Academic Records, and are usually sent directly to another educational institution, a potential employer or other approved third party. The fee for each transcript is \$6.00.

Official transcripts may also be issued directly to the student but will be identified with information that will indicate to the reader (whether a potential employer or another educational institution) that it was so issued.

A transcript is considered correct and final one calendar year after it is issued. If a student identifies an error, the Office of Student Academic Records must be notified in writing within one calendar year. See the **Office of Student Academic Records webpages for more details www.temple.edu/registrar/.**

TRANSFER BETWEEN COLLEGES WITHIN THE UNIVERSITY

Intra-University Transfer (IUT) denotes a student's movement from one academic unit within the University to another and/or from one campus to another.

Transfer between academic units is not automatic. If students decide to earn their degrees in an academic unit other than the one in which they are matriculated, they must make application for the transfer and can do so at anytime except the months of January and August.

The Intra-University Transfer form can be picked up at any advising center or dean's office. Students then submit the form to the college to which they wish to transfer. The student will be notified of the decision of the office of the dean of the proposed college.

Students may initiate transfer from one college of the University to another if they are in good academic standing, holding a minimum cumulative GPA of 2.0. Higher averages are required by a number of schools and colleges, and students should consult the individual school or college policy section of the *Bulletin* for IUT GPA requirements.

In addition to GPA requirements, the Tyler School of Art has portfolio requirements and the Boyer College of Music and Dance have audition requirements.

(Note: The University is reviewing all school and college major and GPA requirements above 2.0. Please refer to the electronic *Bulletin* for up-to-date information.)

TRANSFER CREDIT

See **Admissions: Transfer Credit.**

WITHDRAWAL POLICIES

Withdrawal from Classes

During the first two weeks of the fall or spring semester or summer sessions, students may drop a course with no record of the class appearing on the transcript. In weeks three through nine of the fall or spring semester, or during weeks three and four of summer sessions, the student may withdraw with the advisor's permission. The course will be recorded on the transcript with the instructor's notation of "W," indicating that the student withdrew. After week nine of the fall or spring semester, or week four of summer sessions, students may not withdraw from courses.

No student may withdraw from more than five courses during the duration of his/her studies to earn a bachelor's degree.

A student may not withdraw from the same course more than once.

Exceptions: Students may not withdraw from Mathematics 0015 unless they are withdrawing from the University.

Procedure: Withdrawal from a course is accomplished with a Schedule Revision (Drop/Add) form, processed through a campus registration office.

Notes on the policy:

1. The limitation of each student to five withdrawals does not apply to withdrawals from courses taken before the fall 2003 semester.
2. The prohibition of multiple withdrawals from the same course applies to any course taken in the fall 2003 semester or later, from which the student has withdrawn in any prior semester. This means that as of September 1, 2003, a student cannot withdraw from a course from which he/she withdrew in any prior semester.
3. Withdrawal grades and transcript notations:

Complete Withdrawal Policy

A student may withdraw from the University by filing an official withdrawal with the approval of the Dean of his/her college. The Dean shall determine whether there is legitimate reason for withdrawal with symbols of WS or WE (excused approval authorized by the Dean) in all courses in which the student is enrolled, consulting with the instructors when necessary. The student should present the approved official withdrawal form to his/her campus registration office.

Refunds for Withdrawals

Complete refund of tuition or cancellation of tuition charges will be made only if the withdrawal form is processed by the end of the second week of classes of the fall and spring semesters or summer sessions.

Students withdrawing after these periods are responsible for payment of all charges incurred. No refund or adjustments of charges will be made for withdrawals after these periods unless specified under the University's refund policy. See **Tuition and Fees: Refund Policy.**

Withdrawal Grades and Transcript Notations

<i>Withdrawal Grade</i>	<i>Action</i>	<i>Transcript Notation</i>
W	Withdrawal from course	Displayed on transcript; counted toward total of 5 withdrawals; not included in GPA calculations
WE	Withdrawal with approved excuse	Approved and posted by student's Dean's Office for withdrawals due to medical, catastrophic or other circumstances beyond the student's control; not counted toward total of 5 withdrawals; not included in GPA calculations
WF	Withdrawal with a failing grade	As of Sept. 1, 2003, posted as a default grade when a grade of NR is not resolved; not counted toward total of 5 withdrawals; included in GPA calculations with .00 points
WS	Withdrawal from the semester	Denotes withdrawal from all courses in the term. These symbols are not counted toward the 5 withdrawal limit

Michele O'Connor
 Office of the Vice Provost for
 Undergraduate Studies
 500 Conwell Hall
 Telephone: 215-204-5662
 Fax: 215-204-3175
 E-mail: michele.oconnor@temple.edu
www.temple.edu/ucc

CORE AREAS

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The world changes, experience changes, networks grow, dot-coms come and go. Where does college take you? No matter how fast the world changes, your education will provide you with an experience that will make you grow and change at the same time, and you will always be able to rely on it. When we speak of liberal education, we mean learning that will endure: broad acquaintances with areas of knowledge and experience that will help you live well, using your intellectual powers, imagination, and judgment. A liberal education prepares you to deal with a rapidly-changing world. It prepares you for leadership and responsibility in the vocational, social, and personal areas of your life. It enables you to keep on learning throughout your life.

A liberal education is bigger than the sum of its parts. General education, major, and elective courses; internship, volunteer, and other learning experiences; the social milieu of the campus – all come together to give you something full, whole, integrated. A liberal education happens inside and outside the classroom as you meet and learn with a diverse array of peers and teachers. This is the kind of learning that enhances experience in all dimensions of life. It's the kind of education a degree from Temple University represents.

The Core Curriculum is one part of that education. The goals of the Core Curriculum include teaching students how to do things and providing the means to gain new knowledge. The Core courses will teach students how to use language effectively, handle quantitative data, and appreciate the creative arts; students will also gain an understanding of the nature of scientific inquiry and the impact of technology on society, the history and culture of the United States and of other societies, the differences between individual and communal needs, and the many ways in which race and racism affect all of us. Each Core area focuses on one of these goals, but courses and experiences in other Core areas and in the majors build upon and reinforce Core skills and knowledge. All undergraduate students at Temple complete some form of the Core Curriculum.

Students entering Temple as freshmen and transfer students with fewer than 45 transfer credits complete these Core requirements:

Summary	Credits
Library Skills Workbook	0
Composition	3
Intellectual Heritage	6
American Culture	3
The Arts	3
The Individual and Society	3
International Studies/Language	3-6
Quantitative Reasoning	6-8
Science/Technology	6-8
Studies in Race	3
Additional Writing-Intensive Courses*	3-9
Total Core Credits**	39-52

* Three Writing-Intensive courses are required in addition to the two Writing-Intensive Intellectual Heritage courses. The three additional courses include a Writing Capstone course (3 credits) required by the student's major and two other approved Writing-Intensive courses. A range of credits is given because those courses may overlap with another Core area (X, R), and so are not counted as separate credits, or may be Writing-Intensive only (W).

**The results of placement tests and options in the International Studies area may result in lower numbers of required courses and credits.

Advanced transfer students satisfy the Core through either the 45+ Transfer Core or Core-to-Core Transfer and should see below for information on these versions of the Core.

Highly motivated students who seek especially challenging courses may wish to apply for admission to the University Honors Program, which offers special Honors courses that meet Core requirements.

CORE INFORMATION

Each Core area has a list of courses approved as satisfying the requirements for that area. Description of the Core Areas and their approved courses follow at the end of this section. Although Core courses no longer offered by departments do not appear in these lists, students who took them continue to receive Core credit for them, as indicated in their DARS document. Questions about the past, present, or future Core status of a course can be answered by the Core and Transfer Office.

Descriptions of Core courses are available in the printed *Undergraduate Course Descriptions* published each Spring before the registration period for Fall courses, and online through the web version of this *Bulletin* www.temple.edu/bulletin/ugradbulletin/ucd/ucdtoc.html.

Because not all approved courses are offered every semester, each semester's *Class Schedule* contains a list of Core courses being taught that term. Lists of newly approved Core courses, other changes and notices, additional

information about the Core, and an e-mail link for questions are available on the Core Web site www.temple.edu/vp_ugstudies/corecurr.html

CORE COURSE NUMBERING

The course number provides important information about a course, including whether or not it receives Core credit and, in some cases, which Core requirement it meets. Because some courses exist in several Core versions, or in Core and non-Core versions, students should pay careful attention to course numbers and be sure they know which version of a course they are taking.

Numbers for courses that meet Core requirements begin with the letters "C," "R," "W," or "X." Those prefixes, along with the two-letter Required Course Indicator (RCI), provide information on the Core requirement a given course will meet.

C	<i>Satisfies a requirement in one of the Core areas except Studies in Race and Writing-Intensive.</i>
R	<i>Satisfies the Studies in Race requirement, and may also fulfill another Core requirement, as indicated in the RCI.</i>
W	<i>Satisfies a Writing-Intensive requirement.</i>
X	<i>Satisfies a requirement in one of the Core areas, and also satisfies a Writing-Intensive requirement.</i>
Section numbers	<i>Courses numbered in the 0090's or 0190's are Honors courses.</i>
RCI	<i>Required Course Indicator – Shows which Core requirement(s) a course fulfills</i>
AC	<i>American Culture</i>
AR	<i>The Arts</i>
CO	<i>Composition</i>
IA, IB	<i>Intellectual Heritage</i>
IN	<i>The Individual and Society</i>
IS	<i>International Studies</i>
LA, LB, LC	<i>Language</i>
QA	<i>Quantitative Reasoning, First Level</i>
QB	<i>Quantitative Reasoning, Second Level</i>
RC	<i>Studies in Race and Composition</i>
RS	<i>Studies in Race</i>
SA	<i>Science and Technology, First Level</i>
SB	<i>Science and Technology, Second Level</i>
WI	<i>Writing-Intensive</i>
WR	<i>Studies in Race and Writing-Intensive</i>
XA	<i>The Arts, Studies in Race, and Writing-Intensive</i>
XC	<i>American Culture, Studies in Race, and Writing-Intensive</i>
XN	<i>The Individual and Society, Studies in Race, and Writing-Intensive</i>
XS	<i>International Studies, Studies in Race, and Writing-Intensive</i>

IMPORTANT CORE POLICIES FOR ALL STUDENTS

- All Core courses must be completed with a grade of C- or higher to satisfy a Core requirement.
- Core courses cannot be taken for credit/no credit. **See Credit/No Credit Courses.**
- Students may not complete requirements in more than two Core areas with courses in their major fields. This restriction does not apply to Writing-Intensive courses that are not also in a Core area (W courses) or Studies in Race courses that are not also in another Core area.
- The three-semester sequence of College Composition (English C050/C051, R050, or H090) and the two Intellectual Heritage courses (X051 or X091 and X052 or X092) is intended to serve as the foundation of general education at Temple, and to provide students with the skills and knowledge necessary for successful completion of other Core requirements. To make the most of these opportunities, students should take these courses as soon as possible after entering Temple, in order, and immediately after one another.
- In two Core areas, 1) Quantitative Reasoning and 2) Science and Technology, students should not take a second-level (B) course until they have completed an appropriate prerequisite first-level (A) course with a grade of C- or higher. Students should check with their advisors for the A-B sequences appropriate for their program of study. However, the policy on transfer of Core science courses applies to all students with transfer credits in science. **See Science and Technology.**
- Students who are candidates for a Bachelor of Arts degree in the College of Liberal Arts or the College of Science and Technology are required by their college to complete both the foreign language and the International Studies components of the Core. **See International Studies or Language.**

CORE TRANSFER PROGRAMS

In general, students transferring into Temple should be aware of:

- The policy on academic residency that requires 30 of the last 45 credits to be taken at Temple. **See Academic Residency.**
- The policy on graduation with honors that requires at least the last 60 credits to be taken as a matriculated student at Temple. **See Honors.**
- Temple's policies regarding the transfer of academic credit. **See Admissions: Transfer Credit.**
- The fact that the following Core policies for transfer students relate only to University Core requirements. All the requirements of Temple's schools and colleges and major programs of study remain in force and are not affected by this policy, including any that involve Core courses but differ from the University Core Curriculum requirements.

1. 45+ Transfer Core

Transfer students admitted to Temple for and after Fall 1997 with 45 or more credits for courses taken elsewhere (and without an Associate's degree approved for Core-to-Core Transfer) complete the 45+ Transfer Core. All the requirements in this version of the Core may be met either with equivalent transfer courses or with Core courses taken at Temple – with the exception of the two Writing-Intensive courses, which must be taken at Temple.

NOTE: An Intellectual Heritage course taken at Temple to satisfy the 45+ requirement for one Intellectual Heritage course cannot be used as one of the two Writing-Intensive courses at Temple. However, a second IH at Temple may be used as one of those WI courses.

- Temple Information Literacy Tutorial (0 credits)
- College Composition (Temple's English C050, C051, R050, or equivalent – 1 course, 3 credits)
- 2 Writing-Intensive courses, not including Intellectual Heritage, taken at Temple (6 credits)
- 1 Core Intellectual Heritage course (Temple's IH X051, X052, or equivalent – 3 credits)
- 1 Core International Studies course (either regular or “Non-Western/Third World”) or a language to the second semester (52 or equivalent) level (3-4 credits)
- 1 Mathematics or Statistics course (a Core-level course – 3-4 credits)

- 1 course in the natural sciences with a laboratory component (Biology, Botany, Chemistry, Geology, Physics, or interdisciplinary science; or a direct transfer equivalent of a Temple Core “Science/Technology A” course; or, if taken at Temple, a Core “SA” course with a lab) (3-4 credits)
- 1 Core Studies in Race course (3 credits)
- 1 course each in 2 of these Core areas: American Culture, Arts, or Individual and Society (6 credits)

Transfer Credits for 45+

The 45+ Transfer Core is designed for students who have taken significant numbers of courses elsewhere before entering Temple. All college-level courses considered transferable by the Temple Office of Undergraduate Admissions, including those for which evaluation is not complete until after the student begins at Temple, will be counted toward the 45 credit minimum, when they meet either of the following sets of conditions.

1. For students new to Temple: The courses have been taken elsewhere before the student matriculates at Temple.
2. For readmitted students: 45 or more transferable credits have been taken elsewhere since the student's last date of enrollment at Temple and before the date of the student's return to Temple.
3. For both groups of students,
 - Advanced Placement credits are counted toward eligibility for the 45 + Transfer Core if the student also has transfer courses from another college or university;
 - credits for prior CLEP exams are counted toward eligibility for the 45+ Transfer Core if the scores meet the Temple credit-granting standards and are approved by the Temple school or college that offers the equivalent course (**see Non-Traditional Credit**);
 - courses taken at Temple as a non-matriculated student are not counted toward eligibility for the 45 + Transfer Core, and
 - courses taken elsewhere by students once they are at Temple, with the permission of the student's Temple school or college, are not counted toward eligibility for the 45 + Transfer Core.

45+ Transfer Core Policies

Transfer students should be aware that this Core policy relates only to University Core requirements. All the requirements of Temple's schools and colleges and major programs of study remain in force and are not affected by this policy, including any that involve Core courses but differ from the University Core Curriculum requirements. Students should consult the appropriate sections of this *Bulletin*, and their academic advisors, about school/college and major requirements.

A 45+ Transfer Core version of the Degree Audit Reporting System (DARS) document is produced automatically for eligible students who are entering Temple for the first time. For eligible readmitted students to receive a 45+ Transfer Core DARS document, a Temple academic advisor must post the 45+ event in the student's ISIS record.

Regular Temple Core policies apply to these requirements and the courses they involve unless otherwise stipulated above (**see Admissions: Transfer Credit**). For example, it is still the case that:

- The College Composition requirement may be met by placing out of Temple's College Composition through a placement test or by transferring in the equivalent of Temple's College Composition course. Students should check with their advisor, if they are unsure whether they have met this Core requirement.
- One of the Writing-Intensive courses taken at Temple will be the capstone course in the student's major.
- The International Studies requirement also may be met by placing above the 52 or equivalent level of a language through a placement test or by participating in an approved Study Abroad program.
- Some Studies in Race and Writing-Intensive courses may also fulfill another Core requirement.
- Initial evaluation of transfer credits will be made in the Temple Office of Undergraduate Admissions. Re-evaluation of credits will be done by the Temple Admissions Office and academic advisors, in consultation with the Assistant Vice Provost for First Year and Transfer Programs when necessary, according to standard Temple policies and procedures.
- The dean or dean's designee of a student's Temple school or college has final authority over interpretations and decisions regarding these requirements, in consultation with the Director of Core and Transfer.

2. Core-To-Core Transfer

Core-to-Core Transfer agreements with community colleges accept the general education included in approved Associate degrees in place of Temple's Core Curriculum. Students entering Temple with an approved degree have met all of the Core requirements except two Writing-Intensive courses to be taken at Temple (one of which is normally the advanced writing capstone in the major). Students who previously attended Temple and have received an Associate degree approved for Core-to-Core since their last enrollment at Temple are eligible for Core-to-Core Transfer.

Core-to-Core Transfer students are identified upon admission to or enrollment in the University and their fulfillment of the Core by Core-to-Core Transfer is noted on pertinent student records. Eligible students should be sure that a final transcript, indicating receipt of the Associate degree, is available to their Temple advisors at their first advising appointment. Advisors can then make sure that Core-to-Core status is noted in the students' records.

This Core policy relates only to University Core requirements. All the requirements of Temple's schools and colleges and major programs of study remain in force and are not affected by this policy, including any that involve Core courses but differ from the University Core Curriculum requirements. Students should consult the appropriate sections of this *Bulletin*, and their academic advisors, about school/college and major requirements.

These are the conditions for Core-to-Core Transfer from specific community colleges:

Bucks County Community College:

Any Associate of Art degree in a program the student entered in Fall 1994 or after. Effective for students entering Temple for the first time for Spring 1998 and after.

Burlington County College:

Any Associate of Arts or Associate of Science degree in a program the student entered in Fall 1995 or after. Effective for students entering Temple for the first time for Fall 1999 and after. Associate in Applied Science degrees are not approved for Core-to-Core Transfer.

Camden County College:

One of the following degrees received in or after 1980: An Associate in Arts: any Liberal Arts and Sciences option or an Associate in Science: any Liberal Arts and Sciences option, Criminal Justice, Elementary/Secondary Education, and Human Services. Students with the Associate in Science degree in Engineering are eligible for Core-to-Core Transfer if and only if they are certified to Temple's Office of First Year and Transfer Programs by the Community College as having taken the proper combination and number of general education courses. Effective for students entering Temple for the first time for Fall 1999 and after. Associate in Applied Science degrees are not approved for Core-to-Core Transfer.

Delaware County Community College:

One of the following degrees received after 1970: Associate in Arts or Associate in Science degree in Behavioral Science, Business Administration, Communication Arts, Computer Information systems (as of Fall 2000), Education, Liberal Arts, or Natural Science. Students with the Associate in Science degree in Science for Health Professions are eligible for Core-to-Core Transfer if and only if they are certified to Temple's Office of First Year and Transfer Programs by the Community College's Career and Transfer Office as having taken the proper combination and number of general education courses. Effective for students entering Temple for the first time for Spring 1998 and after. Associate in Applied Science degrees are not approved for Core-to-Core Transfer.

Gloucester County College:

One of the following degrees received in or after May 1985: Any Associate in Arts; Associate in Science in these fields if and only if the County College certifies to Temple's Office of First Year and Transfer Programs that the student has taken the correct distribution of courses: Arts and Science, Biology, Business Administration, Chemistry, or Human Development. Effective for students entering Temple for the first time for Spring 2001 and after. Other Associate in Science degrees, and Associate in Applied Science degrees, are not approved for Core-to-Core Transfer.

Harrisburg Area Community College:

Any Associate in Arts or Associate in Science degree in a college-parallel program that includes the Community College's revised general education requirements for transfer curricula enacted for Fall 1999. Effective for students entering Temple for the first time for Spring 2000 and after. No other degrees are approved for Core-to-Core Transfer.

Lehigh Carbon Community College:

One of the following degrees, received at any time: Associate in Arts in Business Administration or Social Sciences; Associate in Science in Engineering or Natural Science/Physical Science Option. One of the following Associate in Arts Degrees, received at any time, if and only if the student is certified to Temple's Office of First Year and Transfer Programs by the Community College as having taken a mathematics course at a level appropriate to Temple's Core (LCCC Math 0120, 0125, 0130, 0135 or 0150 or higher): Education, Fine Arts/Studio Arts, Graphic Design, Humanities and Arts, Liberal Arts, or Special Education. One of the following Associate in Science Degrees, received at any time, if and only if the student is certified to Temple's Office of First Year and Transfer Programs by LCCC as having used an elective requirement to take an additional course in the arts, humanities, or social sciences: Computer Science, Mathematics, Mechanical Engineering Technology, or Natural Science/Life Science Option. The following Associate in Science degree in Sports Management, if and only if the student is certified to Temple's Office of First Year and Transfer Programs by LCCC as having taken a mathematics course at a level appropriate to Temple's Core (LCCC Math 0120, 0125, 0130, 0135, or 0150 and higher). Effective for students entering Temple for the first time for Fall 2002 and after. Associate in Applied Science degrees are not approved for Core-to-Core Transfer.

Mercer County Community College:

A degree in any of these programs, if it includes the general education requirements put into effect in Fall 1999, and if the student entered the program in Fall 1999 or after: Any Associate of Arts; Associate in Science in Architecture, Aviation Management, Business Administration, or Criminal Justice; Associate in Fine Arts (A.F.A.) in Art History, Ceramics/Sculpture, or Fine Arts. Effective for students entering Temple for the first time for Spring 2001 and after. Other Associate of Science degrees, and Associate in Applied Science degrees, are not approved for Core-to-Core Transfer.

Montgomery County Community College:

Any Associate in Arts or Associate in Science degree received in or after 1990. Effective for students entering Temple for the first time for Spring 1998 and after. Earlier A.A. or A.S. degrees can be considered for inclusion on appeal. Associate in Applied Science and Associate in General Studies degrees are not approved for Core-to-Core Transfer.

Northampton Community College:

Any Associate in Arts or Associate in Science degree in a program the student entered in Fall 1993 or after. Students with an Associate in Applied Science degree are eligible for Core-to-Core Transfer if and only if they are certified to Temple's Office of First Year and Transfer Programs by the Community College as having taken the proper combination and number of general education courses. Effective for students entering Temple for the first time for Spring 2000 and after.

Community College of Philadelphia:

Any Associate of Arts or Associate in Science degree received in a program the student entered in Fall 1996 or after (and therefore satisfying the Dimensions requirements). Effective for students entering Temple for the first time for Spring 1999 and after. Associate in General Studies and Associate of Applied Science degrees are not approved for Core-to-Core Transfer.

TEMPLE INFORMATION LITERACY TUTORIAL: TILT

Requirement: Completion of the online Temple Information Literacy Tutorial.

Familiarity with the resources available in the University Libraries is a valuable tool for students. Students must complete it in order to retain library borrowing privileges, and should do so before or during their first semester at Temple.

TILT is designed to introduce undergraduate students to information

sources and research skills. It consists of an introduction and three modules. Each module features an introduction, a list of key concepts and skills, a series of lessons and interactions, and a quiz. You can access TILT at http://library.temple.edu/services/library_instruction/tilt/intro/splash.htm.

COMPOSITION/Writing AND THE UNIVERSITY WRITING PROGRAM

Core Composition/Writing Requirement

College Composition (English C050, C051, H090, R050, or R090) and five designated Writing-Intensive courses.

The ability to use language properly, effectively, and persuasively is a basic skill needed throughout one's academic career and beyond. Developing students' writing ability is therefore an essential part of the Core Curriculum. Basic writing skills are the explicit focus of College Composition, an introductory course required of all students (except those exempted by placement testing) in the first semester in which they are eligible. Composition prepares students for university-level writing standards, and for the further development of their skills as they move into advanced work. It should be taken before any Writing-Intensive (W or X) course.

After Composition students take five Writing-Intensive courses. (**Advanced transfer students should see Core Transfer Programs for their Core writing requirements.**) In all Writing-Intensive courses, students learn the conventions and the kinds of writing used in the course's discipline. In many cases, students will submit first drafts and then revisions of their written work.

Two of the five Writing-Intensive courses are Intellectual Heritage X051 or X091 and X052 or X092 (see **Intellectual Heritage**).

NOTE: All students transferring into Temple must take at least two of their Writing-Intensive courses at Temple. Intellectual Heritage courses cannot be used to meet this transfer Writing requirement, except by students eligible for the 45+ Transfer Core who choose to take a second IH course, and students eligible for Core-to-Core Transfer.

Another kind of Writing-Intensive course, taken by all undergraduates, is the designated writing capstone in the student's major. Each department designates the capstone course(s) required for its majors, and these are identified in the list of Writing-Intensive courses at www.temple.edu/bulletin/ugradbulletin/corewrite.htm.

Students should check with their department's undergraduate advisor for further information on capstone courses.

The remaining two Writing-Intensive courses may be required by the major or chosen by the student. Some Writing-Intensive courses also fulfill other Core requirements (X and some R courses), some are general electives, and others may be courses in the student's major. X and R courses are included in the lists of courses approved for the various Core areas.

The "W" Writing-Intensive courses – those that are not also in another Core area – are offered by departments throughout the University. They incorporate a significant amount of writing (at least 10 pages in at least two different assignments) within the context of disciplinary work. They highlight the conventions and argumentation accepted in the discipline, and they require at least one revision based on response from a professor, TA, writing associate, or peer-reviewer. See the list of **Writing-Intensive courses at www.temple.edu/bulletin/ugradbulletin/corewrite.htm**.

The University Writing Program

Eli Goldblatt, Director

215-204-1868

Vanessa Allen-Smith, Secretary

215-204-1792

www.temple.edu/english/uwp.html

The University Writing Program consists of the First Year Writing Program, other writing components of the undergraduate Core Curriculum, the University Writing Center, and New City Writing: Institute for the Study of Literature, Literacy, and Culture.

In the Core, the Writing Program combines an entrance-level introduction to academic discourse with writing courses in the disciplines at every level to provide Temple students a comprehensive experience writing to learn and learning to write.

For further information see the Program's Web site and the New City Writing Web site at

www.newcitywriting.org.

AMERICAN CULTURE

Courses in American Culture introduce Temple students to the serious study of those aspects of our culture that are uniquely American. Some courses deal with American culture in general, while others focus on particular aspects of American life. A portion of all courses in this category is devoted to the unique experiences, achievements, and contributions of ethnic minorities and women in American life.

Requirement: One three-credit course from this list.

Note: Core courses no longer offered by departments have been removed from this list, but students who took them will receive Core credit, as indicated in their DARS document. Questions about the past, present, or future Core status of a course can be answered by the Core and Transfer Office.

Course #	Course Name	Credits
African American Studies		
C068	African American History since 1900	3
H098	Honors African American History since 1900	3
American Studies		
C051	American Lives (cross-listed with Community & Regional Planning C061)	3
C062	Work in America	3
H091	Honors American Lives	3
C092/H092	Honors Work in America	3
H197	Honors Quest for the American Dream	3
Anthropology		
C064	American Culture	3
Art History		
C191	Image of America	3
Community and Regional Planning		
C061	People and Places (cross-listed with American Studies C061)	3
Educational Leadership and Policy Studies		
C060/X060	Education and Schooling in America	3
English		
C056	American Literature	3
H096	Honors American Literature	3
Geography and Urban Studies		
C080/X080	Geography of United States and Canada	3
History		
C067/X067	U.S. History to 1877	3
C068	U.S. History since 1877	3
H097	Honors U.S. History to 1877	3
H098	Honors U.S. History since 1877	3
Law and Business		
R050	Racial Discrimination under the Law	3
X093	Honors Tobacco in America	3
X199	Honors Law and Ethics	3
Music Studies		
C086	Music in American Society	3
Philosophy		
C063	American Thinkers	3
Political Science		
C051	American Political Systems	3
H091	Honors American Political Systems	3
Religion		
C052	Religion in America	3
H092	Honors Religion in America	3
Social Work		
C121	History and Values of Social Welfare	3
Sociology		
R064/R064/X064	American Ethnicity	3
C081/X081	Men and Women in American Society (cross-listed with Women's Studies C081/X081)	3
X092	Honors Men and Women in American Society	3
Strategic and Organizational Communication		
R082	Campaigns and Movements	3
H092	Honors Campaigns and Movements	3
Tourism and Hospitality Management		
C080/X080	Leisure in American Culture	3
Tyler		
R188	Art, Race, and the American Experience	3
Women's Studies		
C076	American Women's Lives	3
C081/X081	Men and Women in American Society (cross-listed with Sociology C081/X081)	3

THE ARTS

Works of art – painting, sculpture, architecture, music, theater, dance, literature – are among the most significant representations of the cultures that produce them. Through the integration of intuitive and intellectual responses, students gain sensitivity to the expressiveness of the Arts. Core Arts courses also suggest the wider implications of art in historical and social contexts.

Requirement: One three-credit course from this list.

Note: Core courses no longer offered by departments have been removed from this list, but students who took them will receive Core credit, as indicated in their DARS document. Questions about the past, present, or future Core status of a course can be answered by the Core and Transfer Office.

Course #	Course Name	Credits
American Studies		
H194	Honors Arts in America	3
Architecture		
C001/X001	Introduction to Design and the Environment	3
C017	Photography and Visual Literacy	3
C141	Architectural History: Ancient to Medieval	3
C142	Architectural History: Renaissance to 19th Century	3
C171/X171	History of the Form of Cities	3
H190	Honors Architectural History: Ancient to Medieval	3
H191	Honors Architectural History: Renaissance to Industrial Revolution	3
X192	Honors History of Cities	3
Art		
C059	Introduction to Visual Language: Design	3
C069/X069	Introduction to Visual Language: Drawing	3
C079	Introduction to Visual Language: Painting	3
C089	Introduction to Visual Language: 3-D Design	3
X099	Honors Introduction to Visual Language: Drawing	3
Art History		
C051	The Visual Experience	3
C052	Arts of Asia	3
C055	Art Heritage Western World I	3
C056	Art Heritage Western World II	3
H095	Honors Art Heritage Western World I	3
H096	Honors Art Heritage Western World II	3
C193	History of Art in Rome (taught only in Rome)	3
Asian Studies		
C054	Arts of Asia	3
Dance		
C110	Dance as Art	3
C112	Pathways in American Dance	3
H190	Honors Dance as Art	3
English		
C083	Introduction to Drama	3
C084/X084	Introduction to Literature	3
H093	Honors Introduction to Drama	3
H094	Honors Introduction to Literature	3
Film and Media Arts		
X155	Introduction to Film and Video Analysis	3
Greek, Hebrew and Roman Classics		
C071/X071	Greek Drama	3
Horticulture		
C080	Art of Floral Design I	3
Music Studies		
C061	Introduction to Music	3
C073	The Making of a Musical	3
H091	Honors Introduction to Music	3
Philosophy		
C061	Art and Society	3
Religion		
C081	Religion and the Arts	3
Theater		
C025	Acting for Non-Majors	3
C110	Theater: The Collaborative Art	3

INDIVIDUAL AND SOCIETY

Core Individual and Society courses involve the study of contemporary society. Topics include political and economic organizations, social development, problems faced by minority groups, relationships between individuals, and the rights and responsibilities that accompany membership in a community.

Requirement: One three-credit course from this list.

Note: Core courses no longer offered by departments have been removed from this list, but students who took them will receive Core credit, as indicated in their DARS document. Questions about the past, present, or future Core status of a course can be answered by the Core and Transfer Office.

Course #	Course Name	Credits
Anthropology		
R060	Introduction to Anthropology	3
H090	Honors Introduction to Anthropology	3
Criminal Justice		
C050	Introduction to Criminal Justice	3
Economics		
C050	Introduction to the Economy (formerly C053)	3
C051/X051	Macroeconomic Principles	3
C052	Microeconomic Principles	3
H091	Honors Macroeconomic Principles	3
H092	Honors Microeconomic Principles	3
H093	Honors Economic Theory	3
Environmental Studies		
C050/X050	Environment and Society	3
Geography and Urban Studies		
C050/X050	Environment and Society	3
C055	Urban Society	3
R055	Urban Society: Race, Class, and Community	3
Healthcare Management		
C101/X101	Introduction to Healthcare Management	3
Health-Related Professions		
C050	Contemporary Aspects of Disability	3
Journalism		
C055	Introduction to Mass Media	3
Law and Business		
C001	Law and Society	3
X091	Honors Law and Society	3
X199	Honors Law and Ethics	3
Philosophy		
C050	Philosophical Challenges to the Individual	3
C062	Morality and the Law	3
H090	Honors Philosophical Challenges to the Individual	3
Political Science		
R050	The Individual, Race, and American Political Life	3
Psychology		
C060	Psychology as a Social Science (formerly C050)	3
X091	Honors Psychology as a Social Science	3
Religion		
C054	Religion and Society	3
H094	Honors Religion and Society	3
Social Work		
C060	Human Behavior in the Social Environment	3
Sociology		
C050/X050	Introduction to Sociology	3
C059/R059/X059	Sociology of Race and Racism	3
C066	Money: Who Has It, Who Doesn't, Why It Matters	3
H090	Honors Introduction to Sociology	3
H099	Honors Sociology of Race and Racism	3
Women's Studies		
X051	Introduction to Women's Studies	3
X091	Honors Introduction to Women's Studies	3

INTELLECTUAL HERITAGE

Prerequisite: College Composition (English C050, C051, R050, or H090) or its equivalent.

Requirement: Intellectual Heritage X051 or X091 (3 credits) and Intellectual Heritage X052 or X092 (3 credits). Students normally should take Intellectual Heritage X051 or X091 in the semester immediately following the completion of College Composition, and Intellectual Heritage X052 or X092 immediately after completing X051 or X091.

Intellectual Heritage, the most distinctive feature of Temple's Core Curriculum, is a required writing-intensive, two-semester course sequence introducing students to "seedbed texts" in the western intellectual tradition, from ancient Greece to the Bible through the twentieth century.

These are case study courses, not surveys. Students read primary texts in depth, building reading and interpretative skills. Lectures and class discussions provide historical and cultural background, but the emphasis is on analysis. The interdisciplinary structure of the courses – with readings drawn from diverse cultures and time periods and reflecting different methodologies – encourages students to seek out common elements and to discern the ways in which cultures and texts remain unique and irreconcilable.

Intellectual Heritage constitutes two of the five Writing-Intensive courses required in the Core Curriculum. In addition to essay examinations, students complete several papers or other written assignments.

Course #	Course Name	Credits
Intellectual Heritage		
X051	Intellectual Heritage I	3
X052	Intellectual Heritage II	3
X091	Honors Intellectual Heritage I	3
X092	Honors Intellectual Heritage II	3

INTERNATIONAL STUDIES OR LANGUAGE

Developing an awareness and understanding of cultures other than one's own is a fundamental component of a liberal education. In the International Studies or Language area of the Core students study a language other than English, study cultures outside the United States, combine language study and International Studies courses, or study abroad.

Requirement: Students matriculating at Temple for the first time in the fall of 1996 and after satisfy the requirement with any one of the options listed below.

Note: Core courses no longer offered by departments have been removed from this list, but students who took them will receive Core credit, as indicated in their DARS document. Questions about the past, present, or future Core status of a course can be answered by the Core and Transfer Office.

Students who entered Temple before the fall of 1996 satisfy the Language or International Studies requirement in effect at the time they first matriculated.

Bachelor of Arts candidates in the College of Liberal Arts and College of Science and Technology are required by their college to complete both a language requirement and an International Studies course requirement. **See Bachelor of Arts Requirements in those Colleges' sections of this Bulletin.**

Notes: The first, second, and third levels of all basic language study are numbered 0051, 0052, and C061, respectively (except in Critical Languages).

For the purposes of meeting this Core requirement, placing into a course through Temple's language placement exam indicates satisfactory completion of the previous level (for example, a student who has placed into C061 is considered to have completed 0052).

International Studies or Language Options:

Language option: Successful completion of the third semester (C061 or Critical Languages equivalent) of a language. (Students whose native language is not English may fulfill this requirement by treating English as a foreign language and should see their advisors about the ways to do this.)

International Studies option: Successful completion of two three-credit courses from the list below, at least one of which is a designated Non-Western/Third World course (indicated in the list by an asterisk [*]).

Combination option: Successful completion of the second semester (0052 or the Critical Languages equivalent) of a language and one three-credit International Studies course from the list below.

Study abroad option: Students may substitute an approved study abroad experience for one or both of the Core International Studies courses. Such programs as Temple University Rome, Temple University Japan, Temple in West Africa, the School of Communications and Theater program in London, the Latin American Studies Semester, and approved summer programs qualify as approved substitutes. Students who wish to fulfill their International Studies requirement

with a study abroad program should inquire about this in the academic advising center of their school or college. **See International Programs and Study Abroad for information on Temple's and other study abroad programs.**

Course #	Course Name	Credits
African American Studies		
*C061	Africa in the 20th Century	3
*H091	Honors Africa in the 20th Century	3
Anthropology		
*C061	Cultures of the World	3
C062	Development of an International Perspective	3
*C065	Origins of Cultural Diversity	3
*H091	Honors Cultures of the World	3
Art History		
C148	Issues in National Cinema	3
Asian Studies		
*C050	Introduction to Asian Religions	3
C053	Introduction to World Religions	3
*C084	Chinese and Japanese Literature in Cultural Context	3
*C086	East and South Asia	3
Critical Languages		
*C084	Chinese and Japanese Literature in Cultural Context	3
Dance		
*C115	Dance in Human Society	3
*H195	Honors Dance in Human Society	3
Economics		
C055	Global Economic Issues	3
French		
*C070	Africa, the Caribbean, and France	3
Geography and Urban Studies		
*C060	World Urban Patterns	3
*C062	Geography of World Affairs	3
*C063	African Development	3
*C086	East and South Asia	3
German/Slavic		
C070	Literature and Culture of Central Europe	3
H090	Honors Literature and Culture of Central Europe	3
Greek, Hebrew and Roman Classics		
C077	Introduction to the Ancient City	3
C086	Israel in the Middle East	3
R112	Race: Ancient and Modern	3
History		
*C060	Third World History	3
*C061	World History: Ancient	3
*C062	World History: Modern	3
C063	War and Society	3
C065	Gender and History	3
C066	Modern Europe	3
H091	Honors War and Society	3
H095	Honors Gender and History	3
*X093	Honors World History: Ancient	3
*X094	Honors World History: Modern	3
Latin American Studies		
*C050	Perspectives on Latin America	3
Music Studies		
*C062	Introduction to World Music	3
Philosophy		
*C088	Philosophy East and West	3
Political Science		
C052	Foreign Governments and Politics	3
C053	International Politics	3
H092	Honors Foreign Governments and Politics	3
H093	Honors International Politics	3
Public Health		
C089	International Health	3
Religion		
*C050	Introduction to Asian Religions	3
C051	Introduction to Western Religions	3
C053	Introduction to World Religions	3
*H090	Honors Introduction to Asian Religions	3
H091	Honors Introduction to Western Religions	3
H093	Honors Introduction to World Religions	3
Sociology		
C051/X051	Comparative Societal Development	3
H091	Honors Comparative Societal Development	3
Tourism and Hospitality Management		
*X081	Leisure and Culture in Developing Nations	3
Urban Education		
*C060	Schooling and Development in Third World Societies	3
Women's Studies		
C065	Gender and History	3
*C080	International Women's Writing	3

* Non-Western/Third World course

QUANTITATIVE REASONING

Core Quantitative Reasoning courses contribute to students' educational breadth and intellectual development. They provide knowledge and skills needed in other courses and in the academic majors. These tools are also essential for everyone living and working in an increasingly technical and technological world. These courses are designed to sharpen students' problem solving skills, enhance their understanding of formal reasoning and logical analysis, strengthen their ability to use language and symbolic expression in a disciplined way, and acquaint them with methods for handling quantified or quantifiable data

Requirement: One first-level (QA) course and one second-level (QB) course from the lists below.

Notes: Students should complete their QA course (with the Core grade of C- or higher) before taking a QB course. The appropriate QA courses and any other prerequisites for each QB course are indicated in the Undergraduate Course Descriptions published separately from this Bulletin.

Placement into and successful completion of Math C077, C085, H095 or Statistics C012 or H092 satisfies the entire QR requirement.

Core courses no longer offered by departments have been removed from this list, but students who took them will receive Core credit, as indicated in their DARS document. Questions about the past, present, or future Core status of a course can be answered by the Core and Transfer Office.

Course #	Course Name	Credits
FIRST LEVEL (QA) COURSES		
Mathematics		
C055	College Mathematics	3
C073	College Algebra	3
C074	Pre-Calculus	3
H090	Honors College Mathematics	3
X195	Honors Mathematical Recreations	3
Statistics		
C011	Basic Quantitative Foundations for Business and Economics I	3
SECOND LEVEL (QB) COURSES		
Computer and Information Sciences		
C061	Programming in Pascal	3
C071	Computer Programming in C	3
C081	Higher Level Languages Using C and C++	3
Criminal Justice		
C161	Criminal Justice Research and Analysis (new in 2000; Core credit for 0161 retroactive to 1990)	3
Mathematics		
C065	Elements of Mathematical Thought	3
C066	Intuitive Calculus (not taught after Summer 2002)	3
C067	Elements of Statistics	3
C075	Calculus with Applications I (only available for students who are repeating the course)	3
C077	Basic Concepts of Calculus (new in 2002)	3
C085	Calculus I	3
H091	Honors Elements of Mathematical Thought	3
H095	Honors Calculus I	3
H096	Honors Calculus II	3
H097	Foundations of Calculus	3
X196	Honors Mathematical Recreations	3
Music Studies		
C243	Theory III	3
Philosophy		
C066	Introduction to Logic	3
Psychology		
C067	Foundations in Statistical Methods	3
Sociology		
C067	Social Statistics	3
H097	Honors Social Statistics	3
C201	Statistical Methods in Sociology (New in 2002; Core credit for 0201 retroactive to 1990)	3
Statistics		
C012	Basic Quantitative Foundations for Business and Economics II	3
C021	Statistical Methods and Concepts	3
H092	Honors Basic Quantitative Foundations for Business and Economics II	3
H093	Honors Basic Statistics for Business and Economics I	3

SCIENCE AND TECHNOLOGY

An understanding of the methods, values, and impact of scientific and technological issues is crucial in developing an awareness of the forces that affect life in contemporary society. Core Science and Technology courses are designed to address these concerns.

Requirement: A sequence of one first-level (SA) course and one second-level (SB) course from these lists.

Note: Core courses no longer offered by departments have been removed from this list, but students who took them will receive Core credit, as indicated in their DARS document. Questions about the past, present, or future Core status of a course can be answered by the Core and Transfer Office.

The proper sequences of Science and Technology courses are indicated by numbers in the lists. The first-level (SA) courses are numbered (1) through (25).

Following each second-level (SB) course is the number of credits it carries and then, in parentheses, the number or numbers of SA course(s) it can follow.

Examples: 1) A student who has taken Biology C070 (#1) as an SA course may take as an SB course Anthropology C055, any of the Biology SB courses except H094, and any of the SB courses that can follow any SA course (labeled "1-25").

2) Someone who plans to take Anthropology C055 as an SB course must first take Biology C070, C071, C083, or H093 as the SA course.

Students should not take an SB course unless an appropriate prerequisite SA course has been completed with a grade of C- or higher.

Transferring Science and Technology Courses into Temple

Transfer students with 45 or more transfer credits meet the science requirement of the 45+ Transfer Core.

It is preferable that transfer students completing the whole Core, especially from community colleges with which Temple has transfer course equivalency agreements, take science and technology courses equivalent to Temple courses and in sequences matching Temple's Core sequences. Nevertheless, students who transfer in a science/technology course or courses not equivalent to Temple Core courses, or not consistent with Temple Core sequences, have satisfied the Core Science/Technology requirement if by graduation they have credit for two courses (at least 6 credits) in the natural sciences, at least one of which has a laboratory or demonstration component. An unusual sequence of transfer courses may be accepted with the approval of the student's advisor and the Assistant Vice Provost for First Year and Transfer Programs. This policy applies only to courses brought into Temple in transfer, or to combinations of courses in which at least one course was brought in by transfer, not to two courses taken here. This policy applies only to the Core Science and Technology requirement, not to departmental, collegial, or other curricular requirements. (This policy was effective as of May 1995 and is retroactive.)

Sequence	Course #	Course Name	Credits
FIRST LEVEL (SA) COURSES AND CREDITS			
Biology			
(1)	C070	Foundations of Biology	4
(2)	C071	Human Biology	4
(3)	C083	General Biology I	4
(4)	H093	Honors General Biology I	4
Botany			
(5)	C101	General Botany	4
Chemistry			
(6)	C051	Study of Matter I	4
(7)	C061/C063	Introduction to Chemistry I	3/1
(8)	C065	Our Microscopic Universe	4
(9)	C071/C073	General Chemistry I	3/1
(10)	C081/C083	General Chemical Science I	3/1
(11)	C091/C093, H091/H093	Honors General Chemistry I	3/1
Geology			
(12)	C050	Introduction to Geology	4
(13)	H090	Honors Introduction to Geology	4
Kinesiology (was Physical Education)			
(14)	C100	Anatomy and Physiology	4
Physics			
(15)	C053	Matter and Motion	4
(16)	C055	Light, Art, and Nature	4
(17)	C065	Our Microscopic Universe	4
(18)	C067	Acoustics	3
(19)	C081	Introductory Engineering Physics I	4
(20)	C083	College Physics I	4
(21)	C085	Introduction to General Physics I	4
(22)	C087	Elementary Classical Physics I	4
(23)	H091	Honors Matter and Motion	4
(24)	H092	Honors Light, Art, and Nature	4
(25)	H093	Fundamental Physics Honors Seminar I	4

Course #	Course Name	Credits	(SA courses)
SECOND LEVEL (SB) COURSES, with number of credits and appropriate SA courses (in parentheses)			
American Studies			
H193	Technology in American Culture	4	(1-25)
Anthropology			
C055	Fundamentals of Biological Anthropology	4	(1-4)
Biology			
C072	Ecosystems	4	(1-3)
C073	Applied Biology	3	(1-2)
C074	Plants, Food, and World Hunger	3	(1-3)
C075	Human Heredity	4	(1-2)
C080	Human Development	4	(1-3)
C084	General Biology II	4	(1-3)
C085	Marine Biology	4	(1-3)
H094	Honors General Biology II	4	(4)
Botany			
C203	Plant Physiology	4	(5)
Chemistry			
C052	Study of Matter II	4	(6)
C062/C064	Introduction to Chemistry II	3/1	(7)
C072/C074	General Chemistry II	3/1	(9)
C082/C084	General Chemical Science II	3/1	(10)
H092/H094	Honors General Chemical Science II	3/1	(11)
Computer and Information Sciences			
C055	Computers and Applications	4	(1-25)
H095	Honors Computers and Applications	4	(1-25)
Electrical Engineering			
C020	Evolution of Modern Electronic Systems	3	(1-25)
C050	Science and Technology: Yesterday, Today, and Tomorrow	3	(1-25)
C054	Technology and You	3	(1-25)
Environmental Engineering Technology			
C010	Introduction to the Environment	3	(1-25)
Environmental Studies			
C052	Introduction to the Physical Environment	4	(12)
Geography and Urban Studies			
C052	Introduction to the Physical Environment	4	(12)
H092	Honors Introduction to the Physical Environment	4	(13)
Geology			
C051	Catastrophic Geology	4	(12,13)
C057	Evolution	4	(12,13)
C062	Climate Change: Oceans and Atmosphere	4	(12,13)
C077	Perspective on Energy	4	(12,13)
C081	Environmental Resources	4	(12,13)
Horticulture			
C236	Soils	3	(5)
Kinesiology (was Physical Education)			
C101	Anatomy and Physiology II	4	(14)
Music Studies			
C315	Computers in Musical Applications	3	(15, 18, or 23)
Philosophy			
C077	Science in Context	3	(1-25)
H097	Honors Science in Context	3	(1-25)
Physics			
C054	Waves and Modern Physics	4	(15 or 18)
C056	Introduction to Astronomy	4	(15, 16, or 18)
C082	Introductory Engineering Physics II	4	(19)
C084	College Physics II	4	(20)
C086	Introduction to General Physics II	4	(21)
C088	Elementary Classical Physics II	4	(22)
H094	Fundamental Physics Honors Seminar II	4	(25)
H096	Honors Introduction to Astronomy	4	(15, 16, or 23)

STUDIES IN RACE

Different views of what "race" is and has been, the importance of personal and social racial identities, the impact of racism on individuals and institutions across cultures, historically, and in the United States today – all of these are studied in courses in the Studies in Race area of the Core. The knowledge and the communication skills gained in these courses help students better understand a critical aspect of their society and their own experience. Such understanding is essential for living and working in our racially diverse world.

The course number and Required Course Indicator (RCI) of Studies in Race courses are important indicators of Core credit. Unlike the courses in other Core areas; but like Writing-Intensive courses, Studies in Race courses may fulfill a requirement for another Core area at the same time that they meet the Studies in Race requirement. Some even meet the Studies in Race requirement, another Core requirement, and the requirement for Writing-Intensive courses. The Core credit carried by a Studies in Race course is indicated in the list below by the combination of the course number, which usually starts with an "R," and the Required Course Indicator (RCI) in parentheses after the course number. **See Core Course Numbering at the beginning of the Core Curriculum section for a list of the Core codes for these courses.** If the RCI is "RS," then the course carries Studies in Race credit. If the RCI indicates another Core area (such as "IN" for Individual and Society), then the course carries both the Studies in Race credit and the credit for that other Core area. If the RCI is "RC," the course meets both the Studies in Race and the Core Composition requirements. If it is "WR," the course is both Studies in Race and Writing-Intensive. If the RCI begins with an "X," the course carries credit for Studies in Race and another Core area and is Writing-Intensive.

Note that Studies in Race courses may also have non-Studies in Race versions with the same number but without an "R," that do not meet the Studies in Race requirement (for example, English R170 is a Studies in Race course but English 0170 is not).

Requirement: One 3-credit course from this list.

The Studies in Race requirement applies to Temple undergraduates who matriculated as freshmen in fall 1993 (having completed fewer than 15 semester hours before then) and after and to transfer students matriculating as Temple undergraduates in fall 1994 and after, who are not classified as Core-to-Core.

Note: Core courses no longer offered by departments have been removed from this list, but students who took them will receive Core credit, as indicated in their DARS document. Questions about the past, present, or future Core status of a course can be answered by the Core and Transfer Office.

Course #	Course Name
African American Studies	
R348 (RS)	Dimensions of Racism
American Studies	
R112 (RS)	African American Experiences
H134 (RS)	Honors Literature of American Slavery
R134 (RS)	Literature of American Slavery
R136 (RS)	Asian American Experiences
Anthropology	
R060 (IN)	Introduction to Anthropology
H090 (IN)	Honors Introduction to Anthropology
Asian Studies	
R190 (RS)	Asian American History
Communication Sciences	
R110 (RS)	Language and Race
Criminal Justice	
R335 (RS)	Urban Minorities and the Criminal Justice System
Dance	
R280 (RS)	Dance, Movement, and Pluralism
Economics	
R065 (RS)	The Economics of Diversity
Education	
R065 (WR)	Race and Racism in U.S. Education (taught only in Japan)
English	
R050 (RC)	College Composition (Studies in Race version)
R090 (RC)	Honors College Composition (Studies in Race version)
R110 (RS)	Language and Race
R125 (RS)	African American Literature I
R126 (RS)	African American Literature II
R170 (RS)	The Art of the Film
R283 (RS)	Blacks/Literature/Drama/Media
Geography and Urban Studies	
R055 (IN)	Urban Society: Race, Class, and Community

<i>Course #</i>	<i>Course Name</i>
Greek, Hebrew, and Roman Classics	
R112 (IS)	Race: Ancient and Modern
History	
R108 (RS)	Anti-Semitism, the Holocaust and Racism
R109 (RS)	Imperialism, Race, and Empire
R120 (RS)	Latino Caribbean World
R160 (RS)	Race and Ethnicity in American History (formerly R101)
R161 (RS)	African American History to 1865 (formerly R233)
R162 (RS)	African American History 1865 to Present (formerly R234)
R163 (RS)	Asian American History (formerly R237)
R164 (RS)	California Dreams, California Nightmares
R267 (RS)	Race and the U.S. Constitution (formerly R246)
Jewish Studies	
R234 (RS)	Anti-Semitism, the Holocaust and Racism
Kinesiology (was Physical Education)	
R336 (RS)	Racism and College Athletics
R337 (RS)	Minorities in Sport
Law and Business	
R050 (AC)	Racial Discrimination Under the Law
Nursing	
R298 (RS)	Cultural Diversity in Health Care
Philosophy	
R125 (RS)	Philosophy of African American Experiences
Political Science	
R050 (IN)	The Individual, Race, and American Political Life
R135 (RS)	Urban Politics and Problems
W135 (WR)	Urban Politics and Problems
Religion	
R055 (RS)	Racial Justice: A Religious Mandate for Obedience and Revolt
H095 (RS)	Honors Racial Justice: A Religion's Mandate for Obedience and Revolt
Social Work	
R365 (RS)	Institutional Racism
Sociology	
C059/R059 (IN)	The Sociology of Race and Racism
X059/H099 (XN)	The Sociology of Race and Racism
C064/R064 (AC)	American Ethnicity
X064 (XC)	American Ethnicity
R279 (RS)	Racial and Ethnic Stratification
Strategic and Organizational Communication	
R082 (XC)	Campaigns and Movements
H092 (XC)	Honors Campaigns and Movements
Tyler	
R188 (XC)	Art, Race, and the American Experience
Women's Studies	
R152 (WR)	The Politics of Diversity
H195 (WR)	Honors The Politics of Diversity



FOUNDED: 1998

Dr. Peter R. Jones, Vice Provost for Undergraduate Studies

Dr. Karen Sofranko, Director, Student Services

113 Curtis Hall

1301 Montgomery Avenue Philadelphia, PA 19122-6086

215-204-2500

www.temple.edu/dus

dus@temple.edu

Undeclared Option64

Pre-Nursing65

Pre-Health Information Management65

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

INTRODUCTION

Recognizing that not all students can or should declare an academic major upon entering college, University Studies is the academic home for students who have not yet decided on a major and students in pre-health professions programs.

GOALS AND OBJECTIVES

University Studies, formed in 1998, serves any Temple student who has not chosen a collegiate home or declared a major or who needs assistance while changing from one college to another. University Studies is not a degree-granting college. Rather it is an academic unit that exists to help students explore academic options and to gain admission to a degree-granting school or college at Temple. Students can remain in University Studies until completion of 60 credits, or approximately their first two years at the University.

ADMISSIONS

Transfer students with more than 60 credits cannot be admitted to Temple as an undeclared student in the Division of University Studies. Students admitted to Temple as a University Studies student can remain in the Division until they select a school/college major or upon completion of 60 credits. Pre-health professions students may remain in the Division until acceptance to the College of Health Professions or declaration of an alternative academic program of study.

FINANCIAL AID AND SCHOLARSHIPS

Division of University Studies Sophomore Scholarship

The DUS Sophomore Scholarship is awarded each spring to a current or former University Studies student who will be entering the sophomore year with a declared major. Students should be rising sophomores with a cumulative Grade Point Average (GPA) of 3.5 or higher and a minimum of 30 completed credits. For more information and for an application go to www.temple.edu/dus.

SPECIAL PROGRAMS

The Deciding Student Wing is a living/learning community for students who want to live in an environment promoting academic and career exploration. Undeclared students in University Studies are eligible to reside on the Wing, a floor with suite-style housing. Benefits include a resident peer advisor, freshman seminar, workshops and social events.

HONOR SOCIETIES, AWARDS FOR ACHIEVEMENT

Academic Distinctions

During the academic year, University Studies students who achieve a semester grade point average (GPA) of 3.5 or above with 12 or more graded credits are named to the University Studies Distinguished Scholars List. Students receive congratulatory letters and are invited to a reception hosted by the Academic Resource Center.

SPECIAL FACILITIES

The Academic Information Library (Curtis 112) contains program information on all Temple schools/colleges and majors. Students can research majors and careers and use the computer stations to access Temple websites and OWLnet.

ACADEMIC ADVISING

*The Academic Resource Center
113 Curtis Hall
215 204-2500*

dus@temple.edu

Goals and Objectives

Students enrolled in University Studies use the advising services of the Academic Resource Center, an academic support program established in 1997 to meet the needs of deciding students. Any student at Temple, whether enrolled in University Studies or not, is welcome and encouraged to participate in the first-year programs or to use the services of the Academic Resource Center.

Academic advisors are important sources of information on University policies and procedures, the Core Curriculum requirements, and degree programs. While students must assume primary responsibility for knowing the requirements for their degree and for acquiring information about their academic status, academic advisors are a valuable resource. Advisors introduce students to the various sources of information available on academic programs, enabling students to be well-informed partners in their own education.

Students are strongly encouraged to meet regularly with academic advisors to discuss academic plans, course selection, and registration. Students not eligible for online registration are required to see an advisor for course selection and registration.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising.

At the Academic Resource Center, a staff of professional and peer advisors works closely with students from the time they arrive at Temple through

their successful transitions into schools/colleges and declared majors. Advisors meet with students on a walk-in and appointment basis in both individual and group advising sessions.

Services Provided through the Advising Office

- Print and on-line information on Temple school/colleges and majors
- Assistance and counseling on declaring majors and completing the intra-university transfer process (IUT – transferring from one Temple school/college to another)
- An on-line newsletter with information about upcoming programs and events
- Workshops on academic planning and study skills
- Events showcasing different majors
- Visiting Faculty Advisors: Advisors from the schools and colleges are available at specific times to meet with students interested in learning more about their academic programs and degree requirements. Programs that have provided visiting advisors in previous semesters include Nursing, Occupational Therapy, Health Information Management, Physical Therapy, Tyler School of Art, and Health Studies.

Special Advising Policies and Procedures

Enrollment in the Division of University Studies

Beginning Fall 2002 and after, undergraduates matriculated in the Division of University Studies as undeclared majors and who entered University Studies as either freshmen, transfer students, or intra-university transfers from another Temple school or college prior to the completion of 45 credits, can remain in University Studies up to the completion of 60 credits. Students entering University Studies having completed between 45-59 credits can remain in University Studies up to two academic year semesters if enrolled full-time or until completion of 60 credits if attending part-time.

Students enrolled in University Studies in pre-nursing or pre-health information management tracks can remain in the Division up to the completion of 60 credits or until acceptance into an upper division College of Health Professions program, whichever comes first. Upon completion of 60 credits, pre-health professions students can remain in University Studies only if a University Studies or College of Health Professions advisor certifies the student is on track for admission following completion of remaining prerequisites.

University Studies students can declare majors throughout the year (except in January and August) in

accordance with the declaration of major standards set forth by the individual schools and colleges and the intra-university transfer (IUT) guidelines established by the University. University Studies students can also request a change in status from undecided to an academic program within a college during their New Student Orientation visit.

Note: University Studies students must meet the University's minimum standard for academic standing to remain enrolled in the Division.

ACADEMIC POLICIES AND REGULATIONS

Please see the *Undergraduate Academic Policies*. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status. Additional and unique policies or exceptions for the Division of University Studies appear below.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic *Bulletin* for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Academic Course Load

Academic overloads during the fall and spring semesters, students who want to take 18 or more semester hours, need special approval of the Director of Student Services.

Program Performance

Upon completion of 45 credits, pre-nursing students in the Division of University Studies with non-competitive grade point averages (below 3.0) may receive an academic progress hold requiring them to see an academic advisor. These students will be required to meet with their advisor to discuss and develop an alternative academic plan as well as discuss strategies for improving their academic performance. Under the University's Declaration of Major Policy, students not in a degree-granting program upon completion of 60 credits will be prevented from future registrations.

Transfer between Colleges within the University: Intra-University Transfer (IUT) into the Division of University Studies

Students currently enrolled in other schools or colleges who are reconsidering their choice of major or who wish to explore other academic options may process an intra-university transfer application to enter University Studies as an undeclared major. To transfer into University Studies students must have a 2.0 cumulative grade point average and fewer than 60 credits completed (transfer and/or Temple credits combined). Students entering University Studies having completed between 45-59 credits can remain in University Studies up to two academic-

year semesters if enrolled full time or until completion of 60 credits if attending part time. All students interested in transferring into the Division of University Studies must meet with an academic advisor to discuss this transfer.

Students transferring (IUT) into the Division of University Studies for pre-nursing should have a minimum cumulative GPA of 3.0 based on credits completed to be competitive for nursing school consideration.

Requests for Intra-University Transfer into the Division of University Studies for pre-health information management will be reviewed in consultation with the Department Chairperson for Health Information Management. Students need at least a 2.5 minimum cumulative GPA for program consideration.

** (Note: The University is reviewing all school and college major and GPA requirements above 2.0. Please refer to the electronic *Bulletin* for up-to-date information.)

Grievances

Students can bring grievances to the Director for Student Services. Grievances regarding instructors and grades are referred to the grievance protocol for the school/college offering the course.

GENERAL COLLEGE GRADUATION REQUIREMENTS

The Division of University Studies is not a degree-granting college. It is an academic unit, which exists to help students explore academic programs. All students must declare a major in one of Temple's undergraduate schools and colleges upon completion of 60 credits, including any credits transferred from other institutions.

Individual Program Requirements

1. The total number of credit hours needed to graduate may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices (including declaration of major and students credit totals at time major is declared), and academic progress.
2. Certain courses fulfill multiple requirements. Consult your advisor to plan your curriculum more effectively.
3. Students must fulfill the necessary prerequisites for any given course or course sequence. See the **Prerequisite and Co-requisite Policy in University-wide Academic Policies in this Bulletin**.

DIVISION OF UNIVERSITY STUDIES: UNDECLARED OPTION

Dr. Karen Sofranko, Director of Student Services

113 Curtis Hall

215-204-2500

dus@temple.edu

Recognizing that not all students can or should declare an academic major upon entering college, Temple University established University Studies – the academic home for students who have not yet decided on a school/college or major.

University Studies is not a degree-granting college. Rather, it is an academic unit which exists to help students explore academic options. All students must declare a major in one of Temple's degree-granting undergraduate schools and college upon completion of 60 credits, including any credits transferred from other institutions.

University Studies offers undeclared students a variety of services and programs to help them select an appropriate major. Students can use print and on-line resources in our Academic Information Library (Curtis Hall, Room 112) to research majors and careers, and can participate in student success and academic exploration workshops held throughout the year. University Studies also maintains a file on curricular requirements of all Temple undergraduate majors.

University Studies does not grant degrees and students cannot graduate with an "undeclared" or a "pre-health professions" curriculum designation.

Upon declaring a major, students are required to fulfill the school/college and department requirements of that program. Because majors can stipulate particular courses they want their students to take in a Core area, a student who has already met a Core requirement with another course may still be required to take the course designated by the major.

Suggested First-Year Program for the Undecided Student

This sample program allows students to satisfy University Core requirements while exploring academic interests and majors.

Year 1 – Fall

Department	Course #	Course Name	Hours	RCI
English	C050 or C051 or R050	Composition (Depends on placement exam; some students may be required to take English 0040 or 0041)	3	CO
Core: QA		Select an appropriate Core course as indicated. (Depends on placement exam and potential choice of major)	3	QA
Core: IN		Select an appropriate Core course as indicated. (Consider potential choice of major.)	3	IN
Core: AC		Select an appropriate Core course as indicated. (Depends on placement exam and potential choice of major)	3	AC
Foreign Language		Students with language background are encouraged to continue their language studies. (Depends on placement exam and potential choice of school/college and or major.)	3-4	LA/LB
Freshman Seminar	0051	Freshman Seminar	1	
Total			13-15	

Note: In the fall semester, many of these classes are available in a learning community. Entering students, particularly freshmen, are encouraged to enroll in a community. "See Learning Communities and Freshman Seminars" for more information or visit www.temple.edu/lc.

Year 1 – Spring

Department	Course #	Course Name	Hours	RCI
Core: IH	X051	Intellectual Heritage I (Note: Non-native speakers can opt for an ESL version of this course)	3	IA
Core: QB (2nd course sequence)		Select an appropriate Core course as indicated. (Depends on placement exam, choice of QA and potential choice of major.)	3-4	QB
Core: AR		Select an appropriate Core course as indicated. (Consider potential choice of major.)	3	AR
Core: IS		Select an appropriate Core course as indicated. (Consider potential choice of major.)	3	IS
LA/LB		Select an appropriate Core course as indicated. (Consider potential choice of major.) Students with language background are encouraged to continue their language studies.	3-4	LA/LB
Core or Major Exploration		Select an appropriate Core course as indicated (Consider potential choice of major.) Review your DARS document.	3	
Semester Total			15-17	

Recommended Sequence of Courses and Prerequisites for Pre-Nursing Students:

Freshman Year– Fall Semester

Department	Course #	Course Name	Hours	RCI
Chem	C061	Introduction to Chemistry I	3	SA
Chem	C063	Introduction to Chemistry Laboratory I	1	SA
Eng	C050	College Composition	3	CO
Math	C073	Intermediate Algebra++	3	QA
LA/IS	Core	International Studies/Foreign Language****	3	IS
Soc	C050	Introduction to Sociology	3	IN
Total			16	

Freshman Year– Spring Semester

Department	Course #	Course Name	Hours	RCI
Kines	C100	Human Anatomy and Physiology I***	4	SA
Chem	C062	Introduction to Chemistry II	3	SB
Chem	C064	Introduction to Chemistry Lab II	1	SB
IH	X051	Intellectual Heritage I	3	IA
Psych	C060	Psychology as a Social Science**	3	IN
Total			14	

Sophomore Year – Fall Semester

Department	Course #	Course Name	Hours	RCI
Kines	C101	Human Anatomy and Physiology II ***	4	SB
Psych	0200	Developmental Psychology	3	
AR	Core	Arts	3	AR
Soc	C067	Social Statistics or 0201 Statistical Methods in Sociology	3	
IH	X052	Intellectual Heritage II	3	IB
Total			16-17	

Sophomore Year – Spring Semester

Department	Course #	Course Name	Hours	RCI
Nursing	0110	Microbiology	4	
Biology	0084	General Biology II	4	SB
AC	Core	American Culture	3	AC
LB/IS	Core****	International Studies/Foreign Language**** Nutrition (PH 0104 or Nur 0111)	3	IS
Total			17	

*Pre-requisite for Sociology 0201 (Statistical Methods in Sociology)

**Pre-requisite for Psychology 0200 (Developmental Psychology)

***Pre-req for Nursing 0110 (Microbiology)

****One of IS courses must be non-Western or third world

++ = Sequence for students applying for Fall 2007

Recommended Sequence of Courses and Prerequisites for Pre-Health Information Management Students:

Freshman Year– Fall Semester

Department	Course #	Course Name	Hours	RCI
Eng	C050	College Composition	3	CO
Math	C055	College Mathematics	3	QA
IN	Core		3	
LA/IS	Core****		3-4	
Total			12-13	

Freshman Year– Spring Semester

Department	Course #	Course Name	Hours	RCI
Kines	C100	Human Anatomy and Physiology I	4	SA
IH	X051	Intellectual Heritage I	3	IA
LB/IS	Core****		3-4	
AC	Core		3	
RS	Core		3	
Total			16-17	

Sophomore Year – Fall Semester

Department	Course #	Course Name	Hours	RCI
Kines	C101	Human Anatomy and Physiology II	4	SB
Math	C067	Elements of Statistics or Psych C067 Foundations in Statistical Methods or Stat C021 Statistical Methods and Concepts	3	QB
IH	X052	Intellectual Heritage II	3	IB
AR	Core		3	
General elective			3	
Total			16	

Sophomore Year – Spring Semester

Department	Course #	Course Name	Hours	RCI
CIS	C055	Computers and Applications	4	SB
English**	W104	Writing for Business and Industry	3	WI
HIM****	0101	Medical Terminology	3	
General elective			3	
Total			13	

**A recommended writing intensive elective

***A recommended but NOT REQUIRED elective

****One of IS courses must be non-Western or third world

++ = Sequence for students applying for Fall 2007

CORE Legend

Arts (AR), American Culture (AC), Studies in Race (RS), LA/IS (Language A/International Studies), LB/IS (Language B/International Studies), Quantitative Reasoning A (QA), Quantitative Reasoning B (QB), Individual & Society (IN), Science & Technology A (SA), Science & Technology B (SB), WI or w (Writing intensive)



The chart on the following pages lists Temple University degree programs alphabetically, showing which school or college grants the degree; the name of the degree; and the campus or campuses on which all or most of the course work for the degree may be completed.

Information about undergraduate programs is also available online at www.temple.edu/bulletin.

Information about post-baccalaureate programs is found in the *Graduate Bulletin* at www.temple.edu/gradbulletin.

Students should be aware that, while all programs cannot be completed on all campuses, courses in many programs are offered on multiple campuses. To learn what specific courses are offered on which campuses in a given semester, refer to the *Class Schedule*.

CHART HEADINGS

Major

Majors are listed under “Program Name.” Baccalaureate and Associate degrees are shown directly following the program name. Post-Baccalaureate degrees associated with that program are shown in a separate column.

Minor

A minor is traditionally of more limited scope than a major. It stands alone within an undergraduate student’s program, independent of the major.

Conc (Concentration)

A concentration is connected to a major program. It may or may not lead to a certificate or other credential, depending on the design of the program.

Cert (Certificate)

A certificate is a credit-bearing program of courses leading to a credential. It may or may not apply toward a degree. (This should not be confused with certification, a process by which an individual is accredited by an external accrediting body, such as a state board or professional board.)

KEY FOR CAMPUSES

A	Ambler Campus
BC	Bucks County Community College
CC	Temple University Center City
HS	Health Sciences (including Podiatry)
J	Temple University Japan
M	Main Campus
P	Harrisburg, PA
SJU*	St. Joseph’s University
TY	Tyler School of Art
UPENN*	University of Pennsylvania
W	Fort Washington through Ambler Campus

*R.O.T.C. only.

KEY FOR SCHOOLS AND COLLEGES

A	Ambler College
FSBM	Fox School of Business and Management
CE	College of Engineering
CT	School of Communications and Theater
DENT	School of Dentistry
ED	College of Education
HP	College of Health Professions
LA	College of Liberal Arts
LAW	School of Law
MED	School of Medicine
MU	Boyer College of Music and Dance
PM	School of Podiatric Medicine
PHARM	School of Pharmacy
SA	School of Social Administration
ST	College of Science and Technology
STHM	School of Tourism and Hospitality Management
TY	Tyler School of Art
US	University Studies

DEGREE SYMBOLS AND CLASSIFICATIONS

AS	Associate in Science
BA	Bachelor of Arts
BA/MA	Five-year Bachelor’s and Masters Program
BAr	Bachelor of Architecture
BBA	Bachelor of Business Administration
BFA	Bachelor of Fine Arts
BFA w/TC	Bachelor of Fine Arts with Teaching Certification
BM	Bachelor of Music
BS	Bachelor of Science
BSAr	Bachelor of Science in Architecture
BSC	Bachelor of Science in Civil Engineering
BSEd	Bachelor of Science in Education
BSEE	Bachelor of Science in Electrical Engineering
BSET	Bachelor of Science in Engineering Technology
BSME	Bachelor of Science in Mechanical Engineering
BSN	Bachelor of Science in Nursing
BSW	Bachelor of Social Work
MA	Master of Arts
MBA	Master of Business Administration
MBA/MA	Combined Degree
MBA/MS	Combined Degree
EdM	Master of Education
MFA	Master of Fine Arts
MJ	Master of Journalism
MLA	Master of Liberal Arts
MM	Master of Music
MMEd	Master of Music Education
MMT	Master of Music Therapy
MPH	Master of Public Health
MPT	Master of Physical Therapy
MS	Master of Science
MSE	Master of Science in Engineering
MSEd	Master of Science in Education
MSN	Master of Science in Nursing
MSW	Master of Social Work
MTHM	Master of Tourism and Hospitality Management
DDS	Doctor of Dental Surgery
DMD	Doctor of Dental Medicine
DMA	Doctor of Musical Arts
DPM	Doctor of Podiatric Medicine
DPT	Doctor of Physical Therapy
EdD	Doctor of Education
JD	Juris Doctor (first professional degree for law)
MD	Doctor of Medicine
PhD	Doctor of Philosophy
PharmD	Doctor of Pharmacy
LLM	Master of Laws (further specialization after JD degree)
SJD	Doctor of Judicial Science
w/TC	With teaching certification

Program Name	Baccalaureate	Minor, Conc, Cert	Post-Baccalaureate	Minor, Conc, Cert	College	Campus	Page #
■ Accounting	BBA	Minor		MBA, PhD Conc	FSBM	M, CC, A, W	99
<i>Accounting and Financial Management</i>			MS		FSBM	CC, W	
■ Actuarial Science	BBA		MS		FSBM	M	100
■ Adult and Organizational Development			EdM		ED	M	
■ Advertising	BA				CT	M	111
■ African American Studies	BA	Minor	MA, PhD		LA	M	159
■ American Culture and Media Arts	BA				LA/CT	M	71,113, 160
■ American Studies	BA	Minor			LA	M, J	160
<i>Asian American Studies</i>		Minor					161
■ Anatomy			PhD		MED	HS	
■ Anthropology	BA	Minor	MA, PhD		LA	M, A	161
<i>Human Biology</i>		BA, Conc				A	162
<i>Visual Anthropology</i>		BA, Conc				M	163
■ Applied Communications	BA		MA		ED	M	130
■ Architecture	BAr, BS				TY	M	92
■ Art	BA	Minor			TY	M	93
<i>Digital Media</i>		BA, Conc					93
<i>Studio Art</i>		BA, Conc					93
<i>Visual Studies</i>		BA, Conc					93
<i>Ceramics/Glass</i>	BFA	TC	MFA		TY	TY	88
<i>Fibers/Fabric Design</i>	BFA	TC	MFA		TY	TY	89
<i>Graphic and Interactive Design</i>	BFA	TC	MFA		TY	TY	90
<i>Jewelry/Metals/CAD-CAM</i>	BFA	TC	MFA		TY	TY	89
<i>Painting/Drawing</i>	BFA	TC	MFA		TY	TY	91
<i>Photography</i>	BFA	TC	MFA		TY	TY	90
<i>Printmaking</i>	BFA	TC	MFA		TY	TY	90
<i>Sculpture</i>	BFA	TC	MFA		TY	TY	91
■ Art Education	BSEd		MEd		TY	M (TY- MEd)	94
■ Art History	BA	Minor	MA, PhD		TY	M	95
■ Asian Studies	BA	Minor			LA	M, J	164
<i>Asian Business and Society</i>		Cert		Cert	FSBM/LA		164
■ Biochemistry	BS				ST	M	224
■ Biochemistry			MS, PhD		MED	HS	
■ Bioengineering			MS		CE	M	
■ Biology	BA, BS	Minor	MA, PhD		ST	M	225
<i>Neuroscience</i>		Conc					225
■ Biophysics	BS				ST	M	227
■ Broadcasting, Telecommunications and Mass Media	BA		MA		CT	M	113
■ Business Administration			MBA, PhD		FSBM	M, CC, W	
<i>Tourism</i>				PhD, Conc	FSBM		
<i>MIS</i>				PhD, Conc	FSBM		
<i>Human Resource Management</i>							
■ Business Management	BBA	Minor			FSBM	M, A, CC	101
■ Career and Technical Education	BSEd		MSEd		ED	M,	131
<i>Business Education</i>		Conc		Cert	ED	M,	131
<i>Industrial Education</i>		Conc		Cert	ED	M,	131
<i>Marketing Education</i>		Conc		Cert	ED	M,	132
■ Cell Biology with Cert in Business			MS		MED	HS	
■ Chemistry	BA, BS, BA/MA (5yr.)		MA, PhD		ST	M	228
■ Chinese (Mandarin)		Cert, BA Conc			LA	M	165
■ Civil and Construction Engineering Technology	BSET				CE	M	142
■ Civil Engineering	BSCE		MSE		CE	M	140
■ Communications	BA				CT	A, M	115
■ Communication Sciences	BA	Minor	PhD		HP	M	145
<i>Speech/Language/Hearing</i>		BA Conc			HP	M	145
<i>Linguistics</i>		BA Conc			HP	M	146
■ Communication Management	BA		MS, PhD		HP	M	147
<i>Media Management, Government and Social Policy</i>				MS Conc	CT		147
<i>Strategic and Corporate Communication Management</i>				MS Conc	CT		148
■ Community and Regional Planning	BS		MS		AM	A	77
■ Computer and Information Sciences	BA, BS		MS, PhD		ST	M	229
■ Computer and Information Sciences, Fox School of Business and Management, see Management Information Systems							107
■ Counseling Psychology			PhD, EdM		ED	M	
■ Criminal Justice	BA	Minor	MA, PhD		LA	M, A, CC	165
■ Curriculum, Instruction, and Technology			EdD, MSEd		ED	M	
<i>Early Childhood Education</i>	BS in Ed		MSEd	MS, Conc	ED	M, A, BC	133
<i>Elementary Education</i>	BS in Ed		MSEd	MS, Conc	ED	M, A, BC	133
<i>Inclusive School Practices</i>	BS in Ed		MSEd	MS, Conc	ED	M	
<i>Language Education</i>			EdD		ED	M	
<i>Mathematics and Science Education</i>	BS in Ed		MSEd, EdD	MS, Conc	ED	M	136
<i>Special Education</i>	BS in Ed				ED	A, M	137
<i>Teacher Certification</i>			EdM		ED	M	
<i>Teaching a Second Foreign Language</i>	BS in Ed		MS in Ed	MS, Conc	ED	A, M	

Program Name	Baccalaureate	Minor, Conc, Cert	Post-Baccalaureate	Minor, Conc, Cert	College	Campus	Page #
■ Dance	BFA	Minor	MFA, EdM, PhD		MU	M	216
<i>Choreography/Performance</i>		BFA Conc					219
<i>Education</i>		BFA Conc					
<i>Production</i>		BFA Conc					
■ Dentistry			DMD		DENT	HS	
<i>Oral Biology</i>			MS		DENT	HS	
■ Disability Studies				Grad Cert	ED	M	
■ Earth Science (Geology)	BA				ST	M	231
■ E-Business	BBA			MBA Conc	FSBM	M, CC, W	
■ E-Marketing	BBA				FSBM	M	103
■ Economics	BBA		MA, PhD		FSBM	M, A, CC, W	103
■ Economics	BA	Minor	MA		LA	M, A, CC, J	166
<i>Management Career</i>		Cert			LA		167
<i>Political Economy</i>		BA, Cert			LA	M, A, J	167
■ Educational Administration			EdM, EdD	Grad Cert	ED	M, W	
■ Educational Psychology			EdM, PhD		ED	M	
■ Electrical Engineering	BSEE		MSE	Grad Cert	CE	M, W	140
<i>Computer Engineering Technology</i>		BA Conc					141
■ Elementary and Early Childhood Education	BSEd				ED	M, A, BC	133
■ Elementary and Special Education	BSEd				ED	M, A, BC	133
■ Engineering			PhD		CE	M	
■ Engineering Technology	BSET				CE	M	142
<i>Construction Technology</i>		BA Conc					
<i>Environmental Technology</i>		BA Conc					
<i>Computer Technology</i>		BA Conc					
<i>Mechanical Manufacturing Technology</i>		BA Conc					
<i>Mechatronics Technology</i>		BA Conc					
<i>Energy Technology</i>		BA Conc					
■ English	BA	Minor	MA, PhD		LA	M, A, CC, J	167
<i>Creative Writing</i>			MA		LA	M	
<i>Writing</i>		BA, Cert			LA	M	168
■ Entrepreneurship	BBA				FSBM	M	104
■ Environmental Engineering Technology	BSET				CE	M	143
■ Environmental Health			MS		SA	M	
■ Environmental Studies	BA, BS	Minor			LA/ST	M, A	72/230/ 168
■ Film and Media Arts	BA		MFA		CT	M	115
■ Finance	BBA		MS, MBA	PhD, MBA	FSBM	M, W, CC	104
■ French	BA	Minor, Cert			LA	M	168
■ Geography and Urban Studies	BA	Minor	MA		LA	M, J	169
<i>Geography of Tourism</i>		BA Cert			LA	M	170
<i>Geography of Sports, Recreation, and Tourism Planning</i>		BA Cert			LA	M	170
■ Geology	BA, BS		MA		ST	M	231
■ German	BA	Minor, Cert			LA	M	170
■ Gerontology		Cert			Inst. for Aging	M, A, CC	171
■ Graduate Teacher Certification Program			EdM		ED	M, P	
■ Greek, Hebrew, and Roman Classics	BA				LA	M	171
■ Greek and Roman Classics	BA	Minor			LA	M	171
<i>Ancient Mediterranean Studies</i>		Minor			LA	M	172
■ Health Education, Community			MPH		HP	M	146
■ Healthcare Management			MBA, MBA/MS, PhD		FSBM	M, CC	
■ Healthcare Financial Management			MS, MBA/MS		FSBM	CC	
■ Health Information Management	BS				HP	HS	146
■ Health Studies		Minor	PhD		HP	M	
■ Hebrew Classics	BA	Minor			LA	M	172
■ History	BA	Minor	MA, PhD		LA	M, A, CC, J	172
■ Honors Program, Business		Cert			FSBM	M	96
■ Honors Program, University		Cert				M	45
■ Horticulture	AS, BS				AM	A	78/79/80
<i>Business</i>		AS Conc				A	80
<i>General</i>		AS Conc				A	79
<i>Landscape Plants</i>		Cert				A	80
<i>Floral Design</i>		Cert				A	
<i>Horticulture Therapy</i>		Cert				A	
■ Human Resource Management	BBA		MS, MBA, PhD	PhD, MBA, Conc	FSBM	M, A, W, CC	105
<i>People First</i>		Cert			FSBM	M, A, CC	105
■ Information Science and Technology	BA, BS	Minor, Cert			ST	A, M	232
■ Information Technology Management			MB/MS		FSBM	M	
■ Instructional & Learning Technologies			EdM		ED	M	
■ Interdisciplinary Studies	BA		MBA/MS		LA, ST	M, A	
■ Intenational Affairs	BA				CLA	J	
■ International Business Administration	BBA		IMBA	PhD, MBA, Conc	FSBM	M, W, CC	105
■ International Business/Human Resource Management							
<i>Lesbian, Gay, Bisexual and Transgender Studies</i>		Minor			LA	M	

Program Name	Baccalaureate	Minor, Conc, Cert	Post-Baccalaureate	Minor, Conc, Cert	College	Campus	Page #
■ Italian	BA	Minor, Cert			LA	M	173
■ Japanese		Cert, Conc			LA	M	165/166
■ Jewish Studies	BA	Minor			LA	M	174
<i>History</i>		Conc				M	174
<i>Religion</i>		Conc				M	174
■ Journalism	BA	Minor	MJ		CT	M	117
■ Judicial Science			SJD		LAW	M	
■ Pre-Medicine		Special Advising					
■ Pre-Pharmacy		Special Advising			ST		
■ Kinesiology	BS		EdM, PhD		ED	M	147
<i>Athletic Training</i>		BS Conc					148
<i>Exercise and Sport Science</i>		BS Conc					149
<i>Human Movement Studies</i>		BS Conc					149
<i>Teaching Certification</i>		BS Conc					148
■ Labor Law			LLM		LAW	M	
■ Landscape Architecture	BS				AM	A	81
■ Latin American Studies	BA	Minor			LA	M	174
■ Law			JD, LLM		LAW	M, J	
■ Law and Business	BBA		JD/MBA (Dual)		FSBM/ LAW	M, W, CC	106
■ Liberal Arts			MLA		LA	M	
■ Linguistics	BA		MA		HP	M	146
■ Management Career		Cert			LA	M, A	167
■ Management Information Systems	BBA		MBA, MS, PhD	PhD, MBA, Conc	FSBM	M, W, CC	107
■ Marketing	BBA		MBA, MS, PhD	PhD, MBA, Conc	FSBM	M, A, W, CC	107
■ Mass Media and Communication			PhD		CT	M	
■ Mathematical Economics	BA				LA/ST	M	73/175/ 234
■ Mathematics	BA, BS, BA/MA (5 yr.)	Minor	MA, PhD		ST	M	233
<i>5 year M.A.</i>			BS/MA (5 years)		ST	M	235
■ Mathematics and Physics	BS				ST	M	234
■ Mechanical Engineering	BSME		MSE		CE	M	141
■ Medicine			MD, MD/PhD		MED	HS	
■ Microbiology and Immunology			MS, PhD		MED	HS	
■ Military Sciences							42
<i>Army ROTC</i>					M		42
<i>Air Force ROTC</i>					SJU*		43
<i>Navy ROTC</i>					UPenn*		43
■ Molecular Biology			PhD		MED	HS	
■ Music, Non-Performing	BA				LA	M	172
■ Music, Non-Performing	BS				MU	M	213
■ Music Composition	BM		MM, DMA		MU	M	203
■ Music Education	BM		MM, PhD		MU	M	205
<i>Jazz Emphasis</i>	BM						208
■ Music History	BM		MM		MU	M	204
■ Music /Jazz Studies	BM				MU	M	201
<i>Arranging /Composition</i>	BM					M	201
<i>Performance</i>	BM					M	200
■ Music Performance	BM		MM, DMA		MU	M	195
<i>Brass</i>	BM		MM, DMA			M	191
<i>Choral Conducting</i>			MM			M	
<i>Guitar</i>	BM		MM, DMA			M	199
<i>Harpichord</i>	BM		MM		MU	M	196
<i>Opera</i>			MM			M	
<i>Percussion</i>	BM		MM, DMA			M	196
<i>Piano</i>	BM		MM, DMA			M	194
<i>Piano Accompanying and Chamber Music</i>			MM			M	
<i>Piano Accompanying and Opera Coaching</i>			MM			M	
<i>Piano Pedagogy</i>	BM		MM			M	198
<i>Strings</i>	BM		MM, DMA			M	
<i>String Pedagogy</i>			MM		MU	M	
<i>Voice</i>	BM		MM, DMA			M	194
<i>Woodwinds</i>	BM		MM, DMA			M	191
■ Music Technology	(component only)				MU	M	211
■ Music Theory	BM		MMT, PhD		MU	M	202
■ Music Therapy	BM		MMT, PhD		MU	M	212
■ New Media Interdisciplinary				Conc	CT	M	119
■ Nursing	BSN		MSN		AH	HS	149
<i>RN to BSN</i>	BSN				AH	HS, A, BC	149
■ Occupational Therapy			MOT, MS		AH	HS	
■ Organizational Studies	BA				LA	M, A, CC, BC	175
■ Pathology			PhD		MED	HS	
■ Pharmaceutical Sciences			MS, PhD		PHARM	HS	
<i>Medicinal and Pharmaceutical Chemistry</i>			MS, PhD		PHARM	HS	
<i>Quality Assurance and Regulatory Affairs</i>			MS	Grad Cert	PHARM	HS, W	
■ Pharmaceutics			MS, PhD	Grad Cert	PHARM	HS, W	
<i>Non Thesis in Pharmaceutics</i>			MS		PHARM	W	

Program Name	Baccalaureate	Minor, Conc, Cert	Post-Baccalaureate	Minor, Conc, Cert	College	Campus	Page #
■ Pharmacology			MS, PhD		MED	HS	
■ Pharmacy	PharmD (6 yr.)		PharmD		PHARM	HS	28
■ Philosophy	BA	Minor	MA, PhD		LA	M	176
■ Physical Therapy			DPT, PhD		HP	HS	
■ Physics	BA, BS, BA/MA (5 yr.)	Minor	MA, PhD		ST	M	236
■ Physiology			MS, PhD		MED	HS	
■ Podiatric Medicine			MS		PM	HS	
■ Podiatry			DPM		PM	HS	
■ Political Science	BA, BA/MA (5 yr.)	Minor	MA, PhD		LA	M, A, CC, J	176
<i>Political Economy</i>		Cert				M, A	73
■ Portuguese		Minor			LA	M	184
■ Pre-Health Professions		special advising			US		63
■ Pre-Dentistry		special advising					
■ Pre-Law		special advising					157
■ Pre-Podiatry		special advising					
■ Psychology	BA	Minor			LA	M, A	177
<i>Clinical</i>			PhD				
<i>Cognitive</i>			PhD				
<i>Developmental</i>			PhD				
<i>Experimental</i>			PhD				
<i>Social</i>			PhD				
■ Psychological Studies	BA				CLA	J	
■ Public Health	BS		MPH, MPH/MD, MPH/DPM, MPH/SSA		HP	M	150
■ Radio/Television/Film (see Film and Media Arts/Broadcasting, Telecommunications and Mass Media)							
■ Real Estate	BBA				FSBM	M	108
■ Religion	BA	Minor	PhD		LA	M, J	180
■ Risk Management and Insurance	BBA		MBA, MS, PhD	PhD, MBA, Conc	FSBM	M, CC	108
■ Russian (Germanic and Slavic Languages)	BA	Minor, Conc, Cert			LA	M	181
■ School Health Education	BS		EdM, MS		HP	M	121
■ School Psychology			EdM, PhD		ED	M	
■ Secondary Education	BSEd				ED	M	134
<i>Citizenship Education (Social Studies)</i>		Conc			ED		136
<i>English Education</i>		Conc			ED		134
<i>Foreign Language Education</i>		Conc			ED		135
<i>Mathematics Education</i>		Conc			ED		135
<i>Science Education</i>		Conc			ED		136
■ Social Work	BSW		MSW	Minor in MSW	SA	M, P, A	240
<i>Child and Family Services</i>		Cert			SA		
<i>Women's Studies</i>		Cert			LA	M	
■ Sociology	BA	Minor	MA, PhD		LA	M	182
<i>Health Track</i>		Conc					182
■ Spanish	BA	Minor Cert	MA, PhD		LA	M	184
<i>Latin American Studies Semester</i>		Cert					185
<i>Multilingual Business and Government Studies</i>		Cert					185
<i>Spanish and Latin American Studies for Business</i>		Cert					185
<i>Spanish and Latino Studies for Health and Human Services Professions</i>		Cert					185
■ Special Education (see Elementary Ed/Special Ed)		Conc	MSEd		ED	M	
■ Speech, Language, Hearing (see Communication Sciences)			MA		HP	MA	
■ Sport and Recreation Administration			EdM	EdM Conc			
■ Sport and Recreation Management	BS				STHM	M	245
■ Statistics			MS, PhD		FSBM	M	
■ Strategic Management				PhD, Conc	FSBM	M	
■ Strategic and Organizational Communications	BA				CT	M	119
<i>Public Communications</i>		Conc					120
<i>Organizational Leadership</i>		Conc					120
<i>Public Relations</i>		Conc					119
■ Taxation			LLM		LAW		
■ TESOL							
■ Theater	BA	Minor			CT	M	121
<i>Acting</i>			MFA				122
<i>Design/Technical Production</i>			MFA				123
<i>Directing</i>			MFA				
<i>Playwriting</i>			MFA				
■ Therapeutic Recreation	BS		EdM, PhD		HP	M	152
■ Tourism			PhD	PhD Conc	FSBM	M	
■ Tourism and Hospitality Management	BS		MTHM		STHM	M, CC	247
<i>E-Tourism</i>		Cert					
■ Urban Education			EdM, PhD		ED	M	
■ Urban Studies			MA		LA	M	
■ Vocational/Technical Education (See Career & Technical Ed)							
■ Women's Studies	BA	Minor, Cert			LA	M	187

PROGRAMS OF STUDY

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Political Economy.....73

GOALS AND OBJECTIVES

Intercollegial programs at Temple include a national honor society and a growing number of interdisciplinary academic programs that involve students and departments in more than one of the University's schools and colleges. These programs provide students with opportunities to cross the boundaries of traditional academic disciplines, combine a variety of perspectives, and take advantage of faculty expertise in different departments and colleges. They are designed to accommodate students' interests and prepare students for success in a variety of career fields. The schools and colleges collaborating in these societies and programs are indicated in each description. Each college's degree requirements are described in the college sections of this *Bulletin*. Students should consult the contact person for an intercollegial society or program for more information about both collegial policies and requirements and the society or program itself.

SPECIAL PROGRAMS

Phi Beta Kappa

Stephanie Smith
Faculty Director of Academic Advising
College of Liberal Arts
 215-204-8115
advisor@temple.edu

Phi Beta Kappa, the nation's oldest and most prestigious honor society, was founded on December 5, 1776, at the College of William and Mary. Since then, Phi Beta Kappa has evolved to become the nation's leading advocate for the liberal arts and sciences at the undergraduate level.

Temple University's chapter was founded in 1974.

Phi Beta Kappa is an honor society open to juniors and seniors in the College of Liberal Arts and the College of Science and Technology, and Art History majors. To qualify for Phi Beta Kappa, a student must maintain a high grade point average in a broad, rigorous program of study in the liberal arts, including mathematics and foreign language. For a complete and detailed description of Phi Beta Kappa's requirements, visit

www.temple.edu/pbk

PROGRAM DESCRIPTIONS

AMERICAN CULTURE AND MEDIA ARTS

Miles Orvell, Ph.D., Advisor
 941 Anderson Hall
 215-204-1644

orvell@temple.edu

The American Culture and Media Arts major is a response to the fact that mediated culture – film, television, radio, photography, print journalism – has come to dominate the experience of Americans, while, at the same time, American values and traditions inform our creation and reception of the media. Students pursue coursework in American Studies and other CLA programs, with the addition of certain courses from the School of Communications. Majors are encouraged to sign up for an internship at one of any number of media-related industries and museums in the Philadelphia area, designed to give students practical experience. The capstone requirement is usually satisfied by the Senior Seminar in American Studies.

Students graduating with the American Culture and Media Arts degree can expect to pursue careers in media-related organizations, e.g., film, video, and radio production; archival and library positions, particularly in media institutions; public relations jobs in media; museum research positions supporting exhibitions and media; and writing about media for publications. Graduates can also pursue advance training at the graduate level in documentary film production. American Culture and Media Arts is administered by the American Studies Program and is part of the Center for Interdisciplinary Studies.

Requirements of American Culture and Media Arts Major

Required courses

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCl</i>
<i>Select one of these two:</i>				
FMA	0102	Production of Media Culture	3	
Journalism	C055	Introduction to Mass Media	3	IN
<i>Select five courses from this list (SCT):</i>				
FMA	X155	Introduction to Film and Video Analysis	3	AR/WI
FMA	0202	Production Research and Development	4	
FMA	0203	Theory and Practice of Media Culture	4	
FMA	W360	History of Documentary	4	WI
FMA	W368	History of Narrative Film	4	WI
Journalism	0060	Introduction to Visual Communications	3	
Journalism	0222	Intro to Magazines	3	
Advertising	0050	Intro to Advertising	3	
Journalism	0320	Race and Racism in the News	3	
Journalism	0335	History of Journalism	3	
Journalism	0352	Gender and American Mass Media	3	
<i>Select five courses from this list (American Studies):</i>				
Am St	0102	Technology and American Culture	3	
Am St	0103	American Places: Home, City, Region	3	
Am St	0104	The Arts in America	3	
Am St	0105	Ideal America: Reform, Revolution and Utopia	3	
Am St	0108	Immigrant Experiences in America	3	
Am St	R112	African American Experiences	3	RS
Am St	W118	The American Woman: Vision and Revision	3	WI
Am St	0124	Political Protest and Culture in the 60s	3	
Am St	0125	Photography in America	3	
Am St	0126	Documentary Film and American Society	3	
Am St	0127	Mass Media and Amer. Pop Culture	3	
Am St	0128	Philadelphia Neighborhoods	3	
Am St	R136	Asian American Experience	3	RS
Am St	W140	Radicalism in the U.S.	3	WI
<i>Capstone Course (select one) Majors sign up, in their senior year, for either an academic thesis project or an internship at a media-related industry or museum in the Philadelphia area.</i>				
Am St	W393	Senior Seminar in American Studies	3	WI*
FMA	0380	Senior Media Culture Thesis I (Writing Capstone)	4	
Journalism	0391	Special Projects	1-4	

* Indicates Writing Capstone for the Major

ENVIRONMENTAL STUDIES

Dr. Robert Mason, Director

330 Gladfelter Hall

215-204-5918

envstud@temple.edu

www.temple.edu/env-stud

Students will be equipped with the scholarly background and intellectual skills to understand a wide range of pressing environmental issues, and they will come to appreciate the physical, economic, political, demographic, and ethical factors that define those issues. Among the many environmental problems central to our program are groundwater contamination, suburban sprawl, river basin management, environmental justice, and the greening of abandoned urban spaces. Our graduates find employment with government environmental agencies, citizens' organizations, consulting firms, and corporate environmental affairs departments.

Offered jointly by the College of Liberal Arts and College of Science and Technology, Environmental Studies includes both B.A. and B.S. options. A minor also is offered and a Certificate of Completion is an option for those already holding an undergraduate degree in a different field.

B.A. Requirements

Department	Course #	Course Name	Hours	RCI
<i>Prerequisite Courses</i>				
Math	C055	College Mathematics	3	QA
Geology	C050	Introduction to Geology	4	SA
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
<i>or</i>				
Economics	H092	Honors Microeconomic Principles		
Env. Studies/GUS	C050	Environment & Society	3	IN
<i>or</i>				
Env. Studies/GUS	H090	Honors Environment & Society		
Biology	C083	General Biology I	4	SA
Biology	C084	General Biology II	4	SB
Geology	C081	Environmental Resources	4	SB
<i>or</i>				
Env. St./GUS	C052	Introduction to the Physical Environment		
Math	C067	Elements of Statistics	3	QB
<i>or</i>				
Statistics	C021	Statistical Methods & Concepts		
Economics	W255	Energy, Ecology, & Economy	3	WI
Env. Studies	W300	Senior Research Seminar	3	WI
Elective Courses		In addition to the required courses and their 15-20 prerequisites, B.A. majors must take five (5) courses from the list of approved electives. One of these courses must be a policy course and one must be from the natural sciences.		

B.S. Requirements

Department	Course #	Course Name	Hours	RCI
<i>Prerequisite Courses</i>				
Geology	C050	Introduction to Geology	4	SA
Chemistry	C071/C073	General Chemistry I w/ Lab	4	SA
<i>or</i>				
Chemistry	C081/C083	General Chemical Science I		
<i>or</i>				
Chemistry	H091/H093	Honors General Science		
Chemistry	C072/C074	General Chemistry II w/ Lab	4	SB
<i>or</i>				
Chemistry	C082/C084	General Chemical Science II		
<i>or</i>				
Chemistry	H092/H094	Honors General Chemical Science II		
Economics	C052	Microeconomic Principles	3	IN
<i>Calculus Requirement</i>				
Math	C085 or H095	Calculus I	4	QB
Math	0086 or H096	Calculus II	4	
<i>Core Courses</i>				
Env. Stud/GUS	C050/H090	Environment & Society	3	IN
Biology	0101/H101	Introduction to Biology	4	
Biology	0102/H102	Introduction to Biology	4	
Biology	0227	Principles of Ecology	4	
Geology	0210	Introduction to Hydrology	4	
Env. St.	C052	Introduction to the Physical Environment	4	SB
Statistics	C021	Statistical Methods & Concepts	3	QB
<i>or</i>				
Math	0133	Probability and Statistics		
Economics	W255	Energy, Ecology, & Economy	3	WI
Env. Stud/GUS	W300	Senior Research Seminar	3	WI

B.S. Requirements (continued)

Department	Course #	Course Name	Hours	RCI
<i>Elective Courses</i>				
		In addition to the required courses and their prerequisites, B.S. majors must take four (4) courses from the list of approved electives. One of these courses must be a policy course and an additional one must be from the social sciences. Because Biology 0227 and Geology 0210 are required for the B.S., they cannot be double-counted as electives.	12-16	

Requirements for the Minor

Department	Course #	Course Name	Hours	RCI
Env. St./GUS	C050	Environment & Society	3	IN
<i>One of the following (plus any required prerequisites):</i>				
Biology	0227	Principles of Ecology	3-4	
<i>or</i>				
Geology	0210	Intro to Hydrology		
<i>or</i>				
Env. St./GUS	0262	Fundamentals Geographic Information Systems		
Economics	W255	Energy, Ecology, and Economy		WI
Elective Courses		One policy course from list of approved electives plus three additional topics courses from list of approved electives	3	

List of Environmental Studies Electives

Department	Course #	Course Name
POLICY		
Comm. & Regional Plan	0250	Planning Policy and Law
Env. St./Anthropology	0205	Heritage Management in Archaeology
Economics	0246	Public Finance
Economics	0248	Economics of State & Local Government
Economics	0281	Government Regulation of Business
Env. Engineering Tech.	0316	Environmental Regulations
Environmental Studies	0225	Environmental Law and Regulation
Env. St./GUS	0250	Environmental Policy Issues
Env. St./Political Science	0152	U.S. Environmental Policy
Env. St./Political Science	0265	International Environmental Policy
TOPICS		
Env. St./Anthropology	0220	Environmental Physiology
Env. St./Anthropology	0317	Seminar in Environmental Archaeology
Env. St./Anthropology	0320	Field Session in Archaeology
Env. St./Anthropology	0321	Methods in Archaeology (Sediments, Soil, & Stratigraphy)
Env. St./Anthropology	0325	Biocultural Adaptions in Human Populations
Biology	0227	Principles of Ecology
Biology	0236	Freshwater Ecology
Biology	0237	Marine Environments I
Biology	0238	Marine Environments II
Biology	0245	Marine Ecology
Biology	0316	Tropical Marine Biology: Coral Reef Biology in Tropical Belize
Botany	0102	Plant Ecology
Comm. & Regional Plan.	0100	History and Practice of Community & Regional Planning
Comm. & Regional Plan.	0203	Urban Form and Design
Comm. & Regional Plan.	0205	Environmental Planning
Comm. & Regional Plan.	0223	Sustainable Community Design and Development
Comm. & Regional Plan.	0262	Fundamentals of Geographic Information Systems
Env. Engineering Tech.	W312	Industrial Hygiene and Safety
Environmental Studies	0280	Special Topics in Environmental Studies.
Environmental Studies	0290	Internship – Environmental Studies
Environmental Studies	0295	Independent Study – Environmental Studies
Env. St./GUS	0150	The Urban Environment
Env. St./GUS	0215	Geographic Basis of Land Use Planning
Env. St./GUS/ Asian St.	0238	Environmental Problems in Asia
Env. St./GUS	0239	Medical Geography
Env. St./GUS	0254	Energy, Resources, and Conservation
Env. St./GUS	0256	Political Ecology
Env. St./GUS	0257	Hazards Geography
Env. St./GUS	0262	Fundamentals of Geographic Information Systems
Geology	0210	Introduction to Hydrology
Geology	0211	Facies Models
Geology	0261	Introduction to Geochemistry
Geology	0310	Micro-Computers in Geology
Geology	W381/H391	Environmental Seminar
Env. St./History	0177	U.S. Environmental History
Horticulture	C236	Soils
Horticulture	0310	Landscape Management and Restoration
Horticulture	0317/0318	Sustainable Food Crops I/II

Requirements for the Minor (continued)

Department	Course #	Course Name	Hours	RCI
Journalism	0350	Environmental Reporting		
Landscape Architecture	0208	Land Planning Studio		
Landscape Architecture	0210	Summer Field Ecology		
Law	X093	Tobacco in America: From Pocahontas to Virginia Slim		
Envt. St./Philosophy	W156	Philosophical Perspectives on the Environment		
Religion	0304	Earth Ethics		
Statistics	0278	Statistics for Experiments		

MATHEMATICAL ECONOMICS

Dimitrios Diamantaras, Advisor, Department of Economics

Ritter Annex 623

215-204-8169

dimitrios.diamantaras@temple.edu

or

Boris A. Datskovsky, Advisor, Department of Mathematics

Wachman Hall 632

215-204-7847

boris.datskovsky@temple.edu

The Departments of Economics and Mathematics offer the Mathematical Economics program as a platform for systematic concentration in the mathematical approach to economics. Economics has progressed in the last several decades by making extensive use of mathematical techniques. As a result, students who wish to pursue graduate study in economics, finance, accounting and other disciplines that make an extensive use of economics need a thorough grounding in both economics and mathematics. The Mathematical Economics curriculum provides this grounding with a broad selection of courses that cover all important areas of economics and the mathematical tools required for a critical, deep mastery of these areas. This program is especially recommended for those students who intend to pursue graduate studies in Economics.

Required courses

Department	Course #	Course Name	Hours	RCI
Mathematics	C085	Calculus I	4	QB
		or		
	H095	Honors Calculus I	4	QB
Mathematics	0086	Calculus II	4	
		or		
	H096	Honors Calculus II	4	
Mathematics	0127	Calculus III	4	
Mathematics	0147	Linear Algebra or	3	
		or		
	0148	Linear Algebra with Computer Lab	4	
Mathematics	0233	Introduction to Probability Theory	3	
Mathematics	0234	Introduction to Mathematical Stat.	3	
Mathematics	0253	Numerical Analysis I	4	
Mathematics	0200+	Three Math courses 200 or higher ¹	9	
		or		
		Two Math courses 200 or higher and Math W141 ²		
CIS	C061	Programming in Matlab	4	QB
		or		
	0067	Programming Design and Abstraction	4	QB
		or		
	0068	Data Structure	4	
		or		
	C071	Computer Programming in C	4	QB
Economics	C052	Microeconomic Principles	3	IN
Economics	0201	Intermediate Microeconomic Analysis	3	
Economics	0202	Intermediate Macroeconomic Analysis	3	
Economics	0240	Mathematical Economics	3	
		or		
	0203	Economics of Risk and Uncertainty	3	
		or		
	0510	Math for Economics I	3	
Economics	0241	Introduction to Econometrics	3	
Economics	W302	Economics Writing Seminar	3	WI*
Economics	0200+	Two Economics courses 200 or higher ¹ , by permission of advisor	6	
SubTotal			62	

¹ Mathematics 0227 and Economics 0283 cannot both be counted toward the major.

² Math W141 must be taken prior to Math 0247 or Math W205.

All courses must be passed with a grade of C- or better.

POLITICAL ECONOMY

William Lynn Holmes, Department of Economics

215-204-8175

wholmes@sbm.temple.edu

Richard Deeg, Department of Political Science

215-204-7123

rdeeg@vm.temple.edu

A joint program offered by the Department of Economics and the Department of Political Science leading to a certificate of specialization in political economy.

Purpose

The purpose of the Political Economy program is to provide undergraduate students with the opportunity to study more intensely the relationship between the political and economic spheres of society. The program is based on the belief that a focused examination of this relationship provides us with a better understanding of several social phenomena. Chief among these is a better understanding of public policy choices and the policy making process, as well as a better understanding of how government actions affect the process of economic change and vice versa.

For these reasons the Political Science and Economics departments offer an interdisciplinary certificate in Political Economy. The program is open to all matriculated undergraduate students. Applicants need not be declared majors in either economics or political science. The Political Economy program provides an excellent preparation for graduate study in the social sciences and the study of law.

Program Requirements

The program consists of two components: required core courses at the lower-division level and elective courses at the upper-division level.

Department	Course #	Course Name	Hours	RCI
Core – All students must take the following core courses:				
Econ	C051 or H091	Macroeconomic Principles	3	IN
Econ	C052 or H092	Microeconomic Principles	3	IN
Econ	C051 or H091	The American Political System	3	AC
And one of the following:				
Pol Sci	C052 or H092	Foreign Governments and Politics	3	IS
Pol Sci	C053 or H093	International Politics	3	IS

Elective Courses

All students must successfully complete (grade of C- or better) four courses from the following list. Two of the four courses must be in *economics*, and two courses must be in *political science*. Students should select courses that correspond to their own substantive interests and are encouraged to take cognate areas (e.g., if you choose international politics courses, also choose international economics courses). Students should plan their schedules well in advance, since many courses are not offered each semester.

Department	Course #	Course Name	Hours	RCI
Select two:			6	
Econ	0217	History of Economic Theory		
Econ	0220	Economics of Development and Growth		
Econ	0244	The Economics and Management of Privatization		
Econ	0246	Public Finance		
Econ	0248	Economics of State and Local Governments		
Econ	0250	International Trade		
Econ	0251	International Monetary Economics		
Econ	0255	Energy, Ecology, and Economy		
	(or W255)			
Econ	0262	Health Economics		
	(or W262)			
Econ	0270	Economics of Labor Markets		
Econ	0272	Women in the Economy		
Econ	0279	Public Control of Business: Antitrust		
Econ	0281	Government Regulation of Business		
Econ	0282	Economics of American Industry		
Select two:			6	
Pol Sci	0135	Urban Politics and Problems		
	(or W135)			
Pol Sci	0141	Politics of Inequality		
Pol Sci	0145	American State and Local Politics		
Pol Sci	0150	U.S. Public Policy Making		
Pol Sci	0151	Public Policy Analysis		
Pol Sci	0152	U.S. Environmental Policy		
Pol Sci	0158	Business and Public Policy		
Pol Sci	0215	Comparative Politics: Developing Nations		
Pol Sci	0238	East Asia and the United States		
Pol Sci	0244	Politics of Modern Capitalism		
	(or W244)			
Pol Sci	0261	Politics of Global Economy		
Pol Sci	0265	International Environmental Policy		
Pol Sci	0273	Marxism and Politics		
Pol Sci	0276	Democracy, Capitalism, and Socialism		

FOUNDED: 2000
James Hilty, Acting Dean
580 Meetinghouse Road
Ambler, PA 19002
215-283-1201 or 1-888-GO
AMBLER
ambler@temple.edu
www.ambler.temple.edu

IMPORTANT STUDENT CONTACT INFORMATION
Contact information for academic departments can be found under the listing for each individual program.

ACTING ASSOCIATE DEAN FOR ACADEMIC AND STUDENT SUPPORT SERVICES
Marylou Delizia
West Hall 109
215-283-1237
e-mail:mdelizia@temple.edu

FOR INFORMATION ON REGISTRATION, CAREER SERVICES, DISABILITY SERVICES, FACILITIES AND STUDENT LIFE, SEE THE AMBLER CAMPUS SECTION OF THIS BULLETIN.

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
Hours = credit hours
RCI = Required Core Indicator

INTRODUCTION

The Temple University Board of Trustees affirmed the collegial status of Ambler College and formally recognized Ambler College as the 17th college of Temple University in 2000. Ambler College presently houses programs in Community and Regional Planning, Horticulture, and Landscape Architecture, with plans for future academic programs to be added under the college umbrella.

The mission of Ambler College is the enhancement of the relationship between individuals, social patterns, and political systems and the natural, built, and cultural environments of contemporary life. The Ambler College upholds the environmental traditions established by the Pennsylvania School of Horticulture for Women and carried forward by our founding Department of Landscape Architecture and Horticulture. As Temple University's 17th college, Ambler College has a commitment to the health of communities, the preservation and appreciation of the natural and historical landscape, and the recognition of the connections between the natural and constructed worlds.

(Adopted by the Faculty, Ambler College, December 2000.) The Ambler College core values are: student-centered learning, community engagement, and environmental responsibility.

The Department of Landscape Architecture and Horticulture traces its origins to the Pennsylvania School of Horticulture for Women, founded in 1910. Originally the department offered only two-year Associate degree programs but in 1988 added two four-year degree programs in Landscape Architecture and Horticulture. The department's evolution has combined theory with practice, continuing the tradition of blending art and science with practical experience. The department promotes the development of skills to solve major environmental problems in the urban, suburban, and rural landscape through an ecological approach to planning, design, development, and care of the land. Courses and programs are offered that utilize the 187-acre Ambler campus as both arboretum and laboratory for the work of faculty and students. Students use a state-of-the-art greenhouse, opened in Fall 2001.

The Department of Community and Regional Planning, building on the traditions already established in the Department of Landscape Architecture and Horticulture and the Center for Sustainable Communities (See **Special Programs and Facilities**) develops skilled practitioners for the dynamic and growing field of planning in the government, non-profit, and private sectors. Students develop an understanding of the physical and economic issues of planning, sensitivity to the social and environmental impact of planning decisions, and a knowledge of governmental structures as they apply to planning. The program places students on the front lines of efforts to create and maintain sustainable communities by providing students with a broad-based understanding and awareness of multi-dimensional land-use and planning issues.

The Ambler campus (as described elsewhere in the *Bulletin*) continues to be a teaching site for many courses and full degree programs sponsored by other schools and colleges of the University. See the **Degree Programs Chart for a listing of the full degree programs and the Ambler Campus section for additional information on campus facilities and services.**

ACCREDITATIONS

The Landscape Architecture program is accredited by the Landscape Architectural Accreditation Board.

The undergraduate program in Community and Regional Planning will seek accreditation from the Planning Accreditation Board. As required by the Board, this only can occur after 25 students have graduated from this undergraduate program.

ADMISSIONS INFORMATION

Ambler Admissions Office
215-283-1252 or 1-888-GO-AMBLER
ambler@temple.edu.

A strong interest in the environment, planning, and/or design is highly desirable for students who enroll in all programs offered by Ambler College. Students interested in Community and Regional Planning also should have a desire to develop computer, social science, and communications skills. Applicants to the Landscape Architecture and Horticulture programs, depending on the intended area of study, should have a background that includes courses in art, geometry, biology, and geography. Prospective Landscape Architecture and Horticulture students should also see Sophomore Approval.

Longwood Gardens Agreement

Students who graduate from the Longwood Gardens Professional Gardeners Program and are admissible to Temple University may receive up to 52 credits toward the Bachelor of Science degree in Landscape Architecture or Horticulture. Specified courses in the agreement must be passed with a grade of B or higher to be eligible for transfer credit. Call the Department of Landscape Architecture and Horticulture for details.

Upper Darby High School Agreement

Graduates from Upper Darby High School who meet Temple's admission standards and apply to the Associate of Science in Horticulture program within one year of high school graduation can receive up to 6 transfer credits toward the Associate's degree. Students must complete specified high school courses with a grade of B or higher. Students should see their Upper Darby high school counselor for details.

FINANCIAL AID AND SCHOLARSHIPS

In addition to assistance from the Department of Student Financial Services, there are several scholarships and grants-in-aid that are available only to Ambler campus students, Horticulture, Landscape Architecture, and Community and Regional Planning students. Also see the **Financial Aid section of this Bulletin.**

W. B. Saul High School of Agricultural Sciences Scholarships

Two scholarships, the Robert Hunt Scholarship and the William Mifflin Scholarship, are available to students graduating from Philadelphia's Saul High School who are admissible to Temple University and wish to study Horticulture, Landscape Architecture, or Community and Regional Planning. Interested Saul students should contact the principal of the high school for information.

Grants and Scholarships for Community and Regional Planning Students

The Toward Sustainability Scholarship: is an annual \$1000 non-renewable scholarship awarded to an Ambler campus sophomore or junior Community and Regional Planning major with a minimum grade point average of 2.75 or higher and a demonstrated a commitment to community service.

Arthur F. Loeben Scholarship in Community and Regional Planning

The Arthur F. Loeben Scholarship is awarded to a freshman or transfer student majoring in Community and Regional Planning. The Chairperson of the Department of Community and

Regional Planning chooses the recipient of the tuition scholarship based on academic performance, extracurricular activities, and interest in the field of planning. A one-page essay describing the importance of planning in the student's community is required. The application deadline is March 1. The scholarship is a \$1000 renewable award which a student may receive for up to four years by maintaining at least a 3.0 cumulative grade point average and by remaining enrolled in the Community and Regional Planning bachelor's degree program.

Grants and Scholarships for Landscape Architecture and Horticulture Students

Applications for the following are available in the Department of Landscape Architecture and Horticulture office:

- **Wilmer Atkinson Memorial Scholarship:** provides tuition assistance of varying amounts based on scholarship and financial need.
- **The Louise and James Bush-Brown Alumni Scholarship:** a \$500 scholarship presented annually by the Ambler Campus Alumni Association to a sophomore for academic excellence during the past year.
- **Doylestown Nature Club Scholarship:** three scholarships of \$1500 awarded annually based on academic performance and financial need. Preference is given to students from Bucks County.
- **Garden Club of Bala Cynwyd Scholarship:** two \$500 awards annually based on academic performance and financial need. Preference is given to students from Bala Cynwyd.
- **Lou Henry Hoover Girl Scout Scholarship:** \$1,000 awarded annually to a student who has been active in Girl Scouting, based on financial need.
- **Larkin Family Scholarship:** a \$1,000-\$2,000 scholarship awarded annually to a student, from Maryland, based on financial need.
- **The Jane R. Martin Memorial Scholarship:** awarded to two students entering their sophomore year, based on academic achievement, financial need, and demonstrated potential for future success in Horticulture or Landscape Architecture.
- **Pennsylvania Landscape and Nursery Association (PLNA) Foundation Scholarship:** a \$1000 tuition award to a Horticulture major, in year two of the Associate's degree program or in year three or four of the Bachelor's degree program, with a grade point average of at least 3.0 in the major and 2.5

cumulatively, who has excelled in projects demonstrating ability to apply the knowledge gained to real life situations. Students are nominated by Department faculty.

- **Peter G. Schlotterer Ecological Restoration Scholarship:** two \$1,800 scholarships awarded annually to junior or senior students who reside in southeastern Pennsylvania and demonstrate commitment to environmental preservation and restoration. The scholarships are based on academic performance and financial need.
- **Lenora Friesleben Vaughan Scholarship:** \$500 scholarship awarded annually to a student entering his/her sophomore year based on academic performance and financial need.
- **Woman's National Farm and Garden Association, National Level, Scholarship:** two \$1,000 scholarships awarded annually based on academic performance and financial need.
- **Woman's National Farm and Garden Association, Beacon Hill of New Jersey Division, Scholarship:** \$600 awarded annually to a female student from New Jersey, if possible; based on academic performance and financial need.
- **Woman's National Farm and Garden Association, Pennsylvania Division, Elizabeth C. Barron Scholarship:** \$300 scholarship awarded annually to a female student, preferably from western Pennsylvania.

SPECIAL PROGRAMS AND FACILITIES

Center for Sustainable Communities (CSC) at Temple University Ambler

Jeffrey Featherstone, Ph.D., Director
215-283-1540

www.csc.temple.edu

The Center for Sustainable Communities was established in July 2000 to develop and promote new approaches to protecting and preserving quality of life through sustainable development, balancing the relationship between environmental integrity, economic prosperity, and social equity. It was designed to build on Temple University Ambler's strengths in horticulture and landscape architecture and to draw upon the expertise of all Temple University faculty. A working resource for government agencies, community organizations, and developers, the Center provides objective information and services to improve decision-making relative to land use and water resources planning, in addition to conducting interdisciplinary research and offering educational and

community outreach programs. Students in degree programs in Community and Regional Planning, Horticulture, and Landscape Architecture have the opportunity to take full advantage of the CSC to obtain practical experience on campus.

Greenhouse

215-283-1292

The Greenhouse provides students with a first-class facility to study plant and soil science. The energy-efficient greenhouse includes computerized climate controls and thermal blankets to protect the plants in the winter and shade them in the summer. Modern fertilizer injection systems water and fertilize plants simultaneously. In addition to being used for coursework, the Greenhouse provides faculty and students with a facility to conduct horticulture research that is at the forefront of the industry.

The Landscape Arboretum of Temple University Ambler

Jenny Rose Carey, Director

215-283-1292

www.temple.edu/ambler/la-hort/aboutarboretum.htm

The Temple University Ambler campus serves as an excellent outdoor teaching laboratory for numerous classes and as a source of inspiration for the campus and local communities. The campus was officially designated an arboretum in March 2000. Now known as The Landscape Arboretum of Temple University Ambler, it continues to develop as a living laboratory. The formal gardens have recently been revitalized to express the character of their original design, and many new garden additions are included throughout the grounds.

As the home of Temple University's Department of Landscape Architecture and Horticulture, the Ambler campus has a myriad of learning gardens, including an herb garden, ground cover garden, native plant garden, formal gardens, rock wall, woodland garden, wetland garden, trial garden, large perennial borders, a planned winter contemplative garden featuring fragrant plants, a proposed xeriscape garden featuring a special collection of dwarf conifers, and a green roof garden.

Semester Abroad

After careful consultation with their advisors, juniors and seniors in Landscape Architecture and Horticulture and students in other Ambler College programs may elect to enroll in a semester abroad. Many options are available, including the Edinburgh Exchange Program. Applications and scholarship information for this exchange program

are available from the Department of Landscape Architecture and Horticulture. **For more information about Study Abroad options, see International Programs and Study Abroad.**

AWARDS FOR ACHIEVEMENT AND HONOR SOCIETIES

Academic and Leadership Awards

All Ambler campus students are eligible to qualify for the academic and leadership awards presented annually that are described in the **Ambler Campus** section of this *Bulletin*.

The following annual awards are available to Department of Landscape Architecture and Horticulture students only:

- **Ambler College Alumni Association Award** a cash award to a graduating student in Horticulture or Landscape Architecture for dedication, unselfishness, and contribution to the college.
- **American Society for Horticultural Science Award:** recognizes an outstanding senior undergraduate student in Horticulture; based on scholarly achievement, leadership activities, participation in campus/club activities, and services to the department.
- **American Society of Landscape Architects (ASLA) Student Awards of Honor and Merit:** recognize students, with cumulative averages of at least 3.0, who, in the opinions of their faculty and professionals from the local ASLA chapter, have achieved a sustained level of outstanding performance in their studies and show promise of making significant contributions to the profession.
- **American Society of Landscape Architects (ASLA), Pennsylvania/Delaware Chapter, Central Pennsylvania Section, Design Excellence Award:** an annual award to a Landscape Architecture major entering the junior or senior year, who, in the opinion of the Department faculty, shows design excellence, leadership, and professional promise. The award will fund expenses associated with attending the ASLA National or State Meeting.
- **Viola Anders Merit Award:** a cash award presented to one graduating student and one undergraduate in Horticulture or Landscape Architecture for meritorious service in the greenhouse or the Landscape Arboretum of Temple University Ambler.

- **The Emma Blakiston-Frances Lukens Book Award:** a \$50 award for the purchase of books, given to the member of the graduating class in Horticulture and Landscape Architecture who ranks highest in academic achievement.
- **Bierhuizen Family Undergraduate Research Award:** presented annually to a Horticulture student to help defray the costs associated with the Senior Research Project.
- **The Faculty Special Contribution Award:** a \$100 cash award presented, when merited, in recognition of a graduating student's outstanding contributions to the improvement of the Department.
- **Landscape Architecture and Horticulture Faculty Awards:** presented to graduating students in Horticulture (A.S.), Horticulture (B.S.), and Landscape Architecture (B.S.) for academic excellence and personal growth during their years at Ambler.
- **The Pi Alpha Xi Award of Admiration:** presented to a graduating member of the Alpha Mu chapter of the Pi Alpha Xi national horticulture honor society who is most admired by his/her peers.
- **The Special Achievement Award:** presented, when merited, in recognition of a student's perseverance and determination in pursuit of the Associate of Science or Bachelor of Science degree.

Landscape Architecture and Horticulture Honor Societies

Pi Alpha Xi is the national honor society for students majoring in horticulture. To be admitted to the society, a student must be a junior or senior and have a cumulative grade point average of at least 2.75, and a grade point average of at least 3.0 in all horticulture courses.

Sigma Lambda Alpha is the honor society for landscape architecture majors. To be admitted to the society, a student must be a junior or be in the fifth semester of their program and have a cumulative grade point average of at least 3.2. A student who does not qualify in the junior year may be elected in the senior year.

STUDENT ASSOCIATIONS

Landscape Architecture and Horticulture Student Association

This organization, which incorporates a Pennsylvania/Delaware Student Chapter of the American Society of Landscape Architects (ASLA), holds annual fundraising events, such as plant sales, and sponsors a student-mentoring program.

In addition, all Ambler College students may participate in the student organizations listed in the **Ambler Campus** section of this *Bulletin*.

ACADEMIC ADVISING INFORMATION

Academic and Career Development
West Hall 109
215-283-1237

tuaadvis@temple.edu

The Office of Academic and Career Development provides access for Ambler College students to both professional and faculty advisors who assist students with their choice of programs and curricula, help students understand the University and its policies and procedures, and help students to attain their vocational and postgraduate goals.

Students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status. Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising.

Newly admitted freshmen and transfer students are advised for their first semester by professional advisors. Continuing students with 30 semester hours or more see faculty advisors.

The services provided by this office include:

- **For New Students (Freshmen and Transfers)**
 - Academic preview during the New Student Orientation Program
 - Academic counseling
 - Registration
- **For Continuing Students**
 - Academic counseling
 - Career development counseling:
 - Curriculum advising
 - Final graduation clearance
 - Transfers between colleges and campuses within the University (IUT), withdrawal, readmission, and reinstatement interviews
 - Registration assistance
- **For Prospective Students**
 - Academic counseling
 - Information sessions
- **For Continuing Education (non-matriculated) Students, including Visiting and High School Students**
 - Academic counseling
 - Registration
- **For Students with Disabilities**
 - Documentation review
 - Accommodation arrangements
- **For All Students**
 - Referrals to other University programs and services

ACADEMIC POLICIES AND REGULATIONS

Please see Academic Policies and Regulations p. 46. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status. Additional and unique policies, or exceptions, for Ambler College appear below.

Dean's List

A student whose semester average is 3.5 or above is awarded the distinction of being placed on the Ambler College Dean's List. To be eligible, a full-time student must be matriculated, carry at least 12 credits of graded courses in that semester, and achieve a grade point average of at least 3.5. A part-time matriculated student must have completed the fall semester and following spring semester with a combined total of at least 12 semester hours of graded course work and achieved a combined two-semester grade point average of 3.5 or above. Students whose semester grades include one or more MG (Missing Grade), NR (Not Reported), or unresolved I (Incomplete) are excluded from consideration since grade changes may affect cumulative grade point averages.

Readmission/Reinstatement

Ambler College students who have voluntarily withdrawn from the University and wish to return must file the appropriate form if they had one semester (fall or spring) or more of non-attendance. Forms can be obtained in the Office of Academic Services, West Hall, Lower Level 11. Before a readmission decision can be made, the student is requested to indicate any course taken since leaving Temple, and provide a copy of an official transcript from each institution attended. Both the academic advisor and the student have the right to request an interview as part of the procedure. Students who received a medical withdrawal may be asked to provide medical documentation clearing them to return to school and to schedule an interview with an advisor before a readmission decision can be made. **Students who were dismissed for academic reasons should see the University policy on "Academic Warning, Probation, Dismissal and Reinstatement."**

Second Degrees

Students who have earned a Bachelor's degree may earn a second bachelor's degree in Landscape Architecture or Horticulture. Students who are interested in Community and Regional Planning (CRP) should consider enrolling in the CRP Master of Science degree program. Schools and colleges may waive up to nine credits of degree requirements outside the second major for students who already have a bachelor's degree. **See Academic Policies and Regulations.**

GENERAL COLLEGE GRADUATION REQUIREMENTS

Please see Academic Policies and Regulations. The following policies apply to all Ambler College students:

Academic Residency Requirements

All undergraduates must take 30 of their last 45 semester hours at Temple University. Community and Regional Planning majors must complete at least half of the courses required in the major at Temple. Students must have an advisor's prior approval to take academic work at another institution, either in the classroom or online during both the regular year and Summer Sessions, if the student is pursuing a degree from Temple University. **See Academic Policies and Regulations.**

Courses Inapplicable to Graduation

Credits earned in the following courses are not applicable toward degrees awarded by Ambler College: Military Science (ROTC), ELECT, and Russell Conwell Center (SRAP), and Mathematics 0015. For the Department of Landscape Architecture and Horticulture (LAH), Horticulture 0015, unless it is the student's first LAH course or part of a successful credit certificate, is not applicable toward degree credit.

Grades and Grade Point Average

To be awarded an Ambler College degree, students must have a cumulative grade point average of at least 2.0 and pass all Core courses with a C- or higher. In addition, Community and Regional Planning majors must pass every required CRP course with a C- or higher and have a cumulative average of at least 2.0 for all courses in the major. For degrees in Landscape Architecture and Horticulture, no more than one grade below a C- is allowed in any course in either Landscape Architecture or Horticulture.

PROGRAM REQUIREMENTS

Planning Your Program of Study

The information in the following requirements sections is designed to provide you with guidance in planning your program of study. The requirements, electives, and, in some cases, sequences are detailed. Courses are scheduled for students to follow the planned sequence. If you do not follow your program as designed, you may face conflicts or not have required prerequisites that will necessitate enrolling for additional semesters to complete your requirements.

If you enter a program after the freshman year, you must understand that your degree requirements may not be met within the traditional eight semesters. When you first meet with your academic advisor, you should plan how long it will take to complete your degree requirements.

Requirement Modifications

The requirements for the degrees are under continuing review and are, therefore, subject to modification. See the latest departmental degree requirements for any changes and meet with an advisor to ensure these changes are met.

Additional Notes

- The total number of credit hours at graduation may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
- Certain courses fulfill multiple requirements. In consultation with your academic advisor, you will be able to plan your curriculum more effectively.
- Students must fulfill the necessary prerequisites for any given course or course sequence. See the Prerequisite and Co-requisite Policy in University-wide Academic Policies in this *Bulletin*.

COMMUNITY AND REGIONAL PLANNING

Jeffrey Featherstone, Ph.D., Chair
West Hall 211
215-283-1286
crp@temple.edu
www.ambler.temple.edu

There is an urgent need in this region and throughout the nation for professionals involved in developing plans for the growth and revitalization of urban, suburban, and rural communities. Students with degrees in Planning have many employment options in the public and private sectors.

This program helps students understand how to create and evaluate plans that make the best use of a community's land and resources for commercial, institutional, residential, and recreational purposes. Through classroom experience, team projects, and a required internship, students learn about the economic issues of planning, and develop sensitivity to the social and environmental impact of planning decisions. They acquire communication and problem-solving skills through knowledge of Geographic Information Systems (GIS), site planning, planning and zoning law, research and design methods, American political institutions, negotiation, and mediation. Students in Community and Regional Planning have the opportunity to take advantage of the Center for Sustainable Communities to obtain practical experience on campus.

DEGREE REQUIREMENTS

Bachelor of Science

The Bachelor of Science degree in Community and Regional Planning may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 124 semester hours of credit with a minimum cumulative GPA of 2.0 overall and in the major. A grade of C- or higher is required in all Core courses and in the required courses for the major.

Summary of Requirements for the Degree

1. University requirements

- Math 0045 (3 s.h.) and/or English 0040 (4 s.h.), if required by placement testing
- University Core Curriculum requirements (40-52 s.h.) including completion of the Library Orientation. (Transfer students should see the Core Curriculum section of the *Undergraduate Bulletin* at www.temple.edu/ucc)

2. Major requirements (minimum of 42 s.h.)

- 14 courses are required for the major in Community and Regional Planning (CRP):

Eleven Required Community and Regional Planning Courses

Department	Course #	Course Name	Hours	RCI
CRP	0081	Introduction to Community and Regional Planning	3	
CRP	0100	History and Practice of Community and Regional Planning	3	
CRP	0182	Analytical Methods in Planning	3	
CRP	0201	Planning Communication	3	
CRP	0203	Urban Form and Design	3	
CRP	0205	Environmental Planning	3	
CRP	0250	Planning Policy and Law	3	
CRP	0262	Fundamentals of Geographic Information Systems (offered Spring only)	3	
CRP	0310	Planning Studio	3	
CRP	0325 *	Internship and Professional Practice in Planning	3	
CRP	W350**	Senior CRP Capstone Seminar	3	WI
Sub-total			33	

*To be taken in the Summer between Years 3 and 4 or in Fall of Year 4

** Indicates Writing Capstone for the Major

Three Community and Regional Planning Electives

Department	Course #	Course Name	Hours	RCI
CRP	Electives	CRP course at 100-level or higher	9	
Sub-total			9	

Total for Major

42

Electives (approximately 30-42 s.h.)

- Students should consult with their advisor for recommended electives.

LANDSCAPE ARCHITECTURE AND HORTICULTURE

Founded 1958

Lolly Tai, Ph.D., R.L.A., F.A.S.L.A., Chair

Dixon Hall 201

215-283-1292

la.hort@temple.edu

www.ambler.temple.edu/la-hort

The Department of Landscape Architecture and Horticulture offers four-year baccalaureate degree programs in Landscape Architecture and Horticulture; a two-year Associate of Science degree in Horticulture, with a general or business emphasis; and a credit certificate in horticulture. The Landscape Architecture degree is accredited by the Landscape Architectural Accreditation Board.

With origins that trace back to the Pennsylvania School of Horticulture for Women, founded in 1911, the Department, throughout its history, has combined theory with practice. The curriculum is structured to develop the analytic, design, and scientific skills required to plan and manage our environment. Students learn to solve major environmental problems in the urban, suburban, and rural landscape through an ecological approach to planning, design, development, and care of the land. The unique curricula integrate horticulture and landscape architecture. A state-of-the-art greenhouse is available to students. Students and faculty also utilize the 187-acre Temple University Ambler campus as both an arboretum and laboratory.

Careers in horticulture and landscape architecture are available in both the public and private sector. For landscape architecture graduates, careers in public landscape architecture include positions with regional, county, and city planning commissions, and park, recreation, housing, and transportation agencies. Private practice includes the design of recreational, residential, commercial, institutional, and industrial projects, as well as the overall planning of new communities. Environmental protection, historical restoration, and land reclamation efforts could also be an important part of the role of a landscape architect.

Students with a degree in horticulture could be involved in the production, use, installation, and management of plants. They may:

- Produce plants in greenhouses and nurseries for sale and landscape use.
- Design, install, and/or maintain residential, commercial, or public landscapes.
- Work in arboreta, botanic gardens, parks, or golf courses.
- Teach in a high school, community college, or university.
- Research new technologies and plants in private and public institutions.
- Work toward registration as a horticultural therapist.
- Write articles, books, and copy for Web sites about plants and horticulture.
- Work as an extension agent or specialist helping residential and commercial clients.
- Work in interior landscaping or floral design.
- Work as a sales representative for horticultural or allied industries.
- Own and operate their own business.

Financial Aid

In addition to assistance from the Department of Student Financial Services, there are several scholarships and grants-in-aid that are available only to Landscape Architecture and Horticulture students. Applications for department scholarships listed above are available from the Department of Landscape Architecture and Horticulture office. Also see **Financial Aid**.

Continuing Education

The Department offers a variety of credit courses in the late afternoon, in the evening, and on weekends. These courses, available to degree seeking students, are also open to people interested in horticulture who are not seeking a degree. It is also possible, over a period of years, to complete all of the requirements for the credit certificate program or Associate of Science in Horticulture degree by attending late afternoon, evening, and weekend classes. For many, these courses are a means of advancing their careers; for others, they are a source of personal enrichment. For more information, contact the Department of Landscape Architecture and Horticulture.

Policies and Regulations

The following departmental policies are in addition to the University policies and regulations that apply to all undergraduate students and to the policies that apply to all Ambler College students.

Class Scheduling

The Associate's Degree in Horticulture can be completed in daytime or in late afternoon, evening, and Saturday classes. Students in the bachelor's degree programs in Horticulture and Landscape Architecture will be required to take classes during regular daytime hours, with some courses available in the evening and on weekends.

Sophomore Approval

Admission to Landscape Architecture and Horticulture is competitive, and approval is required to enter the sophomore year in the programs. It is expected that by that time students will have demonstrated a commitment to their chosen field and, in the case of Landscape Architecture students, sufficient design ability. After their first year, students will be required to submit a statement describing their reasons for choosing landscape architecture or horticulture as a career. Landscape Architecture students must submit a portfolio of freshman design and graphic work. A faculty committee will review these submissions, as well as the student's academic record within the Department.

DEGREE REQUIREMENTS

Horticulture Bachelor of Science

The degree of Bachelor of Science in Horticulture may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 124 semester hours of credit with a minimum cumulative GPA of 2.0 overall and in the major. No more than one grade below a C- is allowed in any course in either Landscape Architecture or Horticulture.

Summary of Requirements for the Degree

1. University requirements

- Math 0045 (3 s.h.) and/or English 0040 (4 s.h.), if required by placement testing
- University Core Curriculum requirements (33-44 s.h. plus required courses for the major) including completion of the Library Orientation. (**Transfer students should see the Core Curriculum section of this Undergraduate Bulletin or go to <http://www.temple.edu/ucc>**)

2. Department of Landscape Architecture and Horticulture requirements (25 s.h.)

- 8 courses are required: Landscape Architecture 0001, 0011 (formerly 0103); Botany C101, 0102; Horticulture 0107, 0108, C236, and 0310.

3. Horticulture (Hort) Major requirements (minimum of 60 s.h.)

- 3 Landscape Architecture and Botany courses are required: Landscape Architecture 0134 (formerly 0054), Botany C203 and 0204
- 9 Horticulture courses are required: Horticulture 0201, 0202, 0203, 0301, 0311, 0317, 0339, 0340, W395
- 3 classes in other departments' courses are required: Chemistry C061/63 and C062/64; Strategic and Organizational Communications 0065 or Adult & Organizational Development 0066
- 4 Landscape Architecture, Horticulture, or Botany (LA/Hort/Bot) electives are required (minimum 12 s.h.)

4. Electives (approximately 6 s.h)

Suggested Semester By Semester Plan

Year 1 – Fall

Department	Course #	Course Name	Hours	RCI
Botany	C101	General Botany	4	SA
Chemistry	C061	Introduction to Chemistry I (3 s.h.)	3	SA
		and		
	C063	Introduction to Chemistry Laboratory I (1 s.h.)	1	SA
English	C050	College Composition	3	CO
Core	Elective	Quantitative Reasoning, First Level	3	QA
LA	0001	Natural and the Built Environment	3	
		Library Orientation	0	
Semester Total			17	

Year 1 – Spring

Department	Course #	Course Name	Hours	RCI
Botany	0102	Plant Ecology	3	
Chemistry	C062	Introduction to Chemistry II (3 s.h.)	3	SB
		and		
	C064	Introduction to Chemistry Laboratory II (1 s.h.)	1	SB
IH	X051	Intellectual Heritage I	3	IA
Core	Elective	Quantitative Reasoning, Second Level	3	QB
Core	Elective	International Studies/Language	3	L/IS
Semester Total			16	

Year 2 – Fall

Department	Course #	Course Name	Hours	RCI
Hort	0107	Woody Plants I	3	
Hort	0203	Greenhouse Management	3	
IH	X052	Intellectual Heritage II	3	IB
LA	0011 (0103)	Graphics Communication	3	
Core	Elective	International Studies/Language	3	L/IS
Semester Total			15	

Year 2 – Spring

Department	Course #	Course Name	Hours	RCI
Botany	C203	Plant Physiology	4	SB
Hort	0108	Woody Plants II	3	
Hort	C236	Soils	3	SB
Hort	0301	Plant Propagation	3	
LA	0134 (0054)	Design Process	3	
Semester Total			16	

Year 3 – Fall

Department	Course #	Course Name	Hours	RCI
Hort	0201	Herbaceous Plants I	3	
Hort	0311	Landscape Management	3	
LA/Hort/Bot		Elective	3	
Core	Elective	American Culture	3	AC
Core	Elective	Arts	3	AR
Semester Total			15	

Year 3 – Spring

Department	Course #	Course Name	Hours	RCI
Hort	0202	Herbaceous Plants II	3	
Hort	0310	Landscape Restoration	3	
Hort	0317	Food Crops I	3	
STOC	0065	Public Speaking	3	
		or		
AOD	0066	Interpersonal Communications Through the Life Span		
Core	Elective	Individual and Society	3	IN
Semester Total			15	

Year 4 – Fall

Department	Course #	Course Name	Hours	RCI
Botany	0204	Applied Plant Physiology	3	
Hort	W395*	Senior Seminar	3	WI
Hort	0339	Applied Entomology	3	
LA/Hort/Bot		Elective	3	
Core	Elective	Studies in Race	3	RS
Semester Total			15	

* Indicates Writing Capstone for the major.

Year 4 – Spring

Department	Course #	Course Name	Hours	RCI
Hort	0340	Applied Plant Pathology	3	
LA/Hort/Bot		Electives	6	
		Electives	6	
Semester Total			15	

DEGREE TOTAL **124**

Notes: 1. Choosing Writing Intensive course options from Elective (W) and/or Core (X) courses will satisfy the requirement of two elective Writing Intensive courses.

2. Students interested in the Edinburgh Exchange Program, Horticulture 0375, for the Spring of Year 3, should see their faculty advisor for application details.

Horticulture Associate of Science

The degree of Associate of Science in Horticulture may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 60 semester hours with a minimum cumulative GPA of 2.0 overall and in the major. No more than one grade below a C- is allowed in any course in either Landscape Architecture or Horticulture.

General Horticulture Option

This option in the Associate's Degree is for students interested in developing a well-rounded background in all areas of horticulture or specializing in a particular area of interest such as floral design, integrated pest management, or arboriculture.

Suggested Semester By Semester Plan**Year 1 – Fall**

Department	Course #	Course Name	Hours	RCI
Botany	C101	General Botany	4	SA
English	C050	College Composition	3	CO
Hort	0015	Fundamentals of Horticulture	2	
Hort	0107	Woody Plants I	3	
Math	0045	Elementary Algebra	3	
		or		
	C055	College Math		QA
Semester Total			15	

Year 1 – Spring

Department	Course #	Course Name	Hours	RCI
Botany	0102	Plant Ecology	3	
Hort	0108	Woody Plants II	3	
Hort	0317	Food Crops I	3	
LA/Hort/Bot		Electives	6	
Semester Total			15	

Year 2 – Fall

Department	Course #	Course Name	Hours	RCI
Hort	0201	Herbaceous Plants I	3	
Hort	0203	Greenhouse Management	3	
Hort	0311	Landscape Management	3	
Hort	0339	Applied Entomology	3	
LA/Hort/Bot		Elective	3	
Semester Total			15	

Year 2 – Spring

Department	Course #	Course Name	Hours	RCI
Hort	0202	Herbaceous Plants II	3	
Hort	C236	Soils	3	SB
Hort	0301	Plant Propagation	3	
Hort	0340	Applied Plant Pathology	3	
LA/Hort/Bot		Elective	3	
Semester Total			15	

DEGREE TOTAL **60**

Horticulture Business Option

This option in the Associate's Degree is for students interested in developing a background in landscape horticulture and in business.

Suggested Semester By Semester Plan

Year 1 – Fall

Department	Course #	Course Name	Hours	RCI
English	C050	College Composition	3	CO
Hort	0107	Woody Plants I	3	
Law and Business	C001	Law in Society	3	IN
Math	C055	College Math	3	QA
Economics	C051	Macroeconomic Principles	3	IN
Semester Total			15	

Year 1 – Spring

Department	Course #	Course Name	Hours	RCI
Accounting	0001	Principles of Accounting I	3	
Botany	0102	Plant Ecology	3	
Hort	0108	Woody Plants II	3	
HRM	0083	Organization and Management	3	
Economics	C052	Macroeconomic Principles (recommended)	3	IN
Semester Total			15	

Year 2 – Fall

Department	Course #	Course Name	Hours	RCI
English	W104	Writing for Business and Industry	3	WI
Hort	0201	Herbaceous Plants I	3	
Hort	0339	Applied Entomology	3	
Marketing	0081	Introduction to Marketing	3	
Select one:			3	
Hort	Elective	Hort 0203, Greenhouse Management or Hort 0311, Landscape Management or Hort 0354, Turf Management		
Semester Total			15	

Year 2 – Spring

Department	Course #	Course Name	Hours	RCI
Hort	C236	Soils	3	SB
Hort	0340	Applied Plant Pathology	3	
RMI	0001	Introduction to Risk Management	3	
Select two:			6	
Hort	Electives	Hort 0109, Arboriculture; Hort 0202, Herbaceous Plants II; Hort 0310, Landscape Restoration or Hort 0352, Nursery Management		
Semester Total			15	

DEGREE TOTAL 60

Note: Speech Communications 0065, Public Speaking, and CIS C055, Computers and Applications, are recommended electives.

Credit Certificates in Horticulture

Credit certificates may be conferred upon a student by recommendation of the faculty and upon satisfactory completion of the required credits for the specific topic area with a minimum cumulative grade point average of 2.0 overall.

Landscape Plants

This credit certificate provides an intensive learning experience in both woody and herbaceous landscape plants and a brief introduction to other areas of horticulture. Learning the names and usage of plants provides a deeper understanding for anyone interested in gardening and landscaping. For the professional, it provides the essential knowledge of plants needed to design high-quality landscapes for clients. For the hobbyist, it provides information that enriches the gardening experience. Required courses are:

Department	Course #	Course Name	Hours	RCI
Hort	0015	Fundamentals of Horticulture	2	
Hort	0107	Woody Plants I	3	
Hort	0108	Woody Plants II	3	
Hort	0201	Herbaceous Plants I	3	
Hort	0202	Herbaceous Plants II	3	
Total Credits for the Landscape Plants Certificate			14	

Credit certificates in floral design, horticultural therapy, and other areas are under consideration. See the [Ambler College Landscape Architecture and Horticulture website](#) for the latest information.



LANDSCAPE ARCHITECTURE

Bachelor of Science Degree Requirements

The degree of Bachelor of Science in Landscape Architecture may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 130 semester hours of credit with a minimum cumulative GPA of 2.0 overall and in the major. No more than one grade below a C- is allowed in any course in either Landscape Architecture or Horticulture.

Summary of Requirements for the Degree

1. University requirements

- Math 0045 (3 s.h.) and/or English 0040 (4 s.h.), if required by placement testing
- University Core Curriculum requirements (30-40 s.h. plus required courses for the major) including completion of the Library Orientation. Transfer students should see the Core Curriculum section of the *Undergraduate Bulletin* at www.temple.edu/ucc

2. Department of Landscape Architecture and Horticulture requirements (25 s.h.)

- 8 courses are required: Landscape Architecture 0001, 0011 (formerly 0103); Botany C101, 0102; Horticulture 0107, 0108, C236 and 0310.

3. Landscape Architecture (LA) Major requirements (minimum of 66 s.h.)

Note: The former number of the course is in parentheses. New numbers for Year 4 will be used starting in 2006-07.

- 9 Landscape Architecture courses are required (27 s.h.):
LA 0022 (0152), 0032 (0104), 0052, 0151 (0108), 0152 (0309), W241 (W318), 0251 (0310), 0271 (0305), 0362 (0323)
- 6 Landscape Architecture studios are required (36 s.h.): LA 0131 (0207), 0132 (0208), 0231 (0311), 0232 (0312), 0331 (0392), W332 (W393)
- 1 Landscape Architecture, Horticulture, or Botany (LA/Hort/Bot) elective is required (minimum of 3 s.h.)

4. Electives (approximately 9 s.h.)

Suggested Semester By Semester Plan

Year 1 – Fall

Department	Course #	Course Name	Hours	RCI
LA	0001	Natural and the Built Environment	3	
LA	0011 (0103)	Graphics Communication	3	
Botany	C101	General Botany	4	SA
English	C050	College Composition	3	CO
Core	Elective	Quantitative Reasoning, First-level	3	QA
		Library Orientation	0	
Semester Total			16	

Year 1 – Spring

Department	Course #	Course Name	Hours	RCI
LA	0022 (0152)	Introduction to CAD	3	
LA	0032 (0104)	Design Fundamentals	3	
LA	0052	Surveying	3	
Botany	0102	Plant Ecology	3	
Core	Elective	Quantitative Reasoning, Second-level	3	QB
Semester Total			15	

Year 2 – Fall

Department	Course #	Course Name	Hours	RCI
LA	0131 (0207)	LA Design Studio I (formerly Site Planning)	6	
LA	0151 (0108)	Landscape Engineering I	3	
Hort	0107	Woody Plants I	3	
IH	X051	Intellectual Heritage I	3	IA
Core	Elective	Individual and Society	3	IN
Semester Total			18	

Year 2 – Spring

Department	Course #	Course Name	Hours	RCI
LA	0132 (0208)	LA Design Studio II (formerly Site Planning)	6	
LA	0152 (0309)	Landscape Engineering II	3	
Hort	0108	Woody Plants II	3	
Hort	C236	Soils	3	SB
Semester Total			15	

Year 3 – Fall

Department	Course #	Course Name	Hours	RCI
LA	0231 (0311)	LA Design Studio III (formerly Park Design)	6	
LA	0251 (0310)	Landscape Engineering III	3	
LA	0271 (0305)	Planting Design	3	
LA	W241 (W318)	Landscape Traditions	3	WI
Core	Elective	Studies in Race	3	RS
Semester Total			18	

Year 3 – Spring

Department	Course #	Course Name	Hours	RCI
LA	0232 (0312)	LA Design Studio IV: Design/Build	6	
Core	Elective	American Culture	3	AC
IH	X052	Intellectual Heritage II	3	IB
	Elective	Writing Intensive Course (W or X)	3	WI
Semester Total			15	

Edinburgh Exchange Program Option

Department	Course #	Course Name	Hours	RCI
LA	0375	Edinburgh Exchange Program (Note: Consult with the faculty in the Landscape Architecture and Horticulture Department for application details.)	12-18	
Semester Total			12-18	

Year 4 – Fall (Ambler or Rome Option)

Ambler Option

Department	Course #	Course Name	Hours	RCI
LA	0331 (0392)	LA Design Studio V: Fall Senior Studio	6	
LA/Hort/Bot	Elective		3	
Core	Elective	Arts	3	AR
Core	Elective	International Studies/Language	3	L/IS
	Elective		3	
Semester Total			18	

Rome Option

Department	Course #	Course Name	Hours	RCI
LA	0331 (0392)	LA Design Studio V: Fall Senior Studio	6	
Core	Elective	Arts	3	AR
	Electives		9	
Semester Total			18	

Year 4 – Spring

Department	Course #	Course Name	Hours	RCI
LA	W332* (W393*)	LA Design Studio VI: Spring Senior Studio	6	WI
LA	0362 (0323)	Professional Practice	3	
Hort	0310	Landscape Restoration	3	
Core	Elective	International Studies/Language (Note: Rome students take LA or Hort or Bot elective instead)	3	L/IS
Semester Total			15	

DEGREE TOTAL

130

* Indicates Writing Capstone for the major.

NOTE: The Studies in Race Core requirement can be satisfied by choosing a course from Individual and Society or American Culture that meets the Race requirement.

FOUNDED: 1935

Keith Morrison, Dean
Elkins Park Programs
7725 Penrose Avenue
Elkins Park, PA 19027

Main Campus Programs
1947 N. 12th Street
Philadelphia, PA 19122
215-782-2828

www.temple.edu/tyler
tyler@temple.edu

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
Hours = credit hours
RCI = Required Core Indicator

GOALS AND OBJECTIVES

The Tyler School of Art provides a comprehensive curriculum in fine arts, crafts, design, art education, art history, and architecture. The Bachelor of Fine Arts (BFA) professional programs are offered in Ceramics/Glass, Fibers, Graphic and Interactive Design, Metals/Jewelry/CAD-CAM, Painting/Drawing, Photography, Printmaking, Sculpture, and BFA Studio with Teaching Certification on the Tyler Elkins Park Campus. A concentration in Digital Imaging is available to BFA studio majors. The Bachelor of Arts (BA) in Art (with a concentration in Studio Art, Visual Studies, or Digital Media), the BA in Art History, the Bachelor of Science (BS) in Art Education, BS in Architecture, and the Bachelor of Architecture (BArch) professional program are offered on Temple University's Main Campus. Summer classes, pre-college programs and weekend workshops are available. For information on graduate programs, please go to the Tyler Web site at www.temple.edu/tyler.

HISTORY

Stella Elkins Tyler donated her estate to Temple University in the early 1930s. With an interest in progressive education and a deep appreciation of her mentor, the sculptor Boris Blai, Mrs. Tyler offered her estate with the expressed wish that, through Boris Blai, it would become an environment for the advancement of the fine arts, scholarly study in the arts, and individual creativity.

As founding Dean of Tyler School of Art, Blai instilled the school with a commitment to progressive education emphasizing the student's mastery of technique within the framework of a liberal arts curriculum. Dean Blai insisted upon individual attention to each student's needs as the basis of successful teaching. During his 25-year tenure Dean Blai shaped the school into one of the finest visual arts centers in the country, and his founding ideals still remain paramount to Tyler's educational philosophy.

In 1960 Dean Charles Le Clair succeeded Boris Blai. During this period the Tyler campus was improved with construction of a residence hall, and two studio/classroom buildings. In 1966 Dean Le Clair founded the Tyler Study Abroad program in Rome, Italy. Tyler's Rome campus thrives today as one of the most respected fine arts study abroad programs in Europe. The program has expanded to include a full range of liberal arts, architecture, business, and law courses with an emphasis on topics relating to Rome, Italy, and the European Common Market.

Throughout the 1960s and 1970s, Tyler's curriculum continued to grow in response to new definitions of art-making and the role of art in society. New programs and modern facilities in design, ceramics, glass, metals, and photography were added. During this time, Tyler developed the Art and Art Education department and the Art History department on Temple's Main Campus. These departments serve majors seeking the BA degree with a major in art or art history, the BS degree in art education, and non-majors throughout the University. Today, the curriculum at Tyler continues to address contemporary needs by incorporating digital technology, video, installation, and performance.

From its modest enrollment of 12 students in the first freshman class in 1935, Tyler now boasts a student body of over 1,400 and serves another 2,000 to 3,000 students each year in elective and core curriculum courses. Today, Tyler is a dynamic organization, serving students at its Elkins Park campus, as well as Temple's Main Campus, the Ambler Campus, and the Temple University Rome and Tokyo campuses. For over 65 years, the foundation of Tyler's program has been a faculty of practicing artists and scholars teaching highly talented and motivated students.

We look forward to our future home on the Main campus of Temple University. Award-winning architect Carlos Jimenez, designer of some of the country's premier art education facilities and exhibition spaces, has been selected to design Temple's new Tyler School of Art building. The new Tyler building will be located adjacent to the Boyer College of Music and Dance, joining the Tyler Architecture Program and the School of Communications and Theater to form a "mini arts campus" within Temple's Main Campus. Easy access to the wealth of academic courses in Temple's other schools and colleges, athletics, residence halls, student parking, student organizations, and the active campus life of Temple University will add cosmopolitan breadth to Tyler's studio and academic programs. The new facility will be ready in the next few years – please refer to the Tyler Web site for updated information:

<http://www.temple.edu/tyler>

ACCREDITATION

Tyler is an accredited member of the National Association of Schools of Art and Design (NASAD) and the Middle States Association of Colleges and Schools. The Architecture Program is accredited by the National Architectural Accrediting Board (NAAB), the sole agency authorized to accredit U.S. professional degree programs in architecture.

ADMISSIONS INFORMATION

Bachelor of Arts and Bachelor of Science Programs

Entering undergraduates are admitted to the Tyler Main Campus programs by the Director of Admissions of Temple University based on a review of the applicant's academic credentials. This procedure requires the applicant to file all records and test scores in the Office of Undergraduate Admissions of Temple University on the Main Campus. No portfolio is required for freshmen entering the BA or BS programs. See **Undergraduate Admissions for more information.**

Transfer Students

To receive transfer credit for studio credits taken at other institutions, a student must present a portfolio for each course. An evaluation will determine whether equivalent, elective, or no credit is to be awarded. The department will accept a maximum of 24 semester hours of transfer studio credit towards the major. Transfer evaluations are conducted in the Fall and Spring semesters only.

Applicants to any Tyler program must meet the deadlines established by the Undergraduate Admissions Office. Please refer to the Temple website for updated undergraduate deadline information. After the priority deadline dates listed by Temple Undergraduate Admissions, applications are accepted on a rolling admissions basis.

Applications and application materials may be obtained by calling: 215-782-2828 or 215-782-2875 or writing: Office of Admissions, Tyler School of Art of Temple University (801-00), 7725 Penrose Avenue, Elkins Park, Pennsylvania 19027 or through the Tyler website 'Request a Catalog' link at:

www.temple.edu/tyler/rfi_catalog.asp

Architecture Program

Admission to the University does not guarantee admission to the Architecture Program. Admission will be granted to those students with strong academic credentials. While not required, a portfolio is recommended. All students are initially admitted into the Architecture Basic Studies Program and, if desired, apply for admission to the accredited Bachelor of Architecture (5 year) Professional Program during the fourth studio semester.

Students seeking advanced placement in architecture design studio will be evaluated by portfolio. Students not presenting a portfolio of work will automatically be placed in first year design studio, regardless of previous credits. Contact the Architecture Program at 215-204-8813 for further information.

A maximum of 12 semester hours of credit will be allowed by the Program in relevant work experience, Advanced Placement, or CLEP examination. Matriculated, enrolled students may apply for work experience through the Director of Academic Services.

Bachelor of Fine Arts Program

Entering undergraduates are admitted to Tyler by the Director of Undergraduate Admissions of Temple University after consultation with Tyler's Assistant Dean for Admissions following the review of the student's academic record and art portfolio. This procedure requires the applicant to file all records and test scores in the Office of Undergraduate Admissions of Temple University on the Main Campus. See **Undergraduate Admissions for more information.**

Please refer to the University deadlines on the Undergraduate Application or go to the Temple Web site for deadline information. After the priority deadline dates, applications are accepted on a rolling admissions basis.

Applications and application materials may be obtained by calling: 215-782-2828 or 215-782-2875 or writing: Office of Admissions, Tyler School of Art of Temple University (801-00), 7725 Penrose Avenue, Elkins Park, Pennsylvania 19027 or tyler@temple.edu.

Portfolio Review

In addition to satisfying academic requirements, all BFA freshman applicants are required to present a portfolio of fifteen to twenty pieces of original artwork for evaluation. Regularly scheduled portfolio reviews are held on the Tyler Campus. Applicants living at a considerable distance from Tyler may elect to submit a portfolio in 35mm slide form instead of appearing for an in-person interview. Those who live in or near the Philadelphia area, however, are expected to present a portfolio of original work during a portfolio review day. This is an occasion when applicants and their families may see the campus and discuss Tyler's educational program with faculty, staff, and students. Tyler also participates in a number of National Portfolio Day events where students can meet with staff or faculty for a portfolio critique. For a complete list of NPDA events in which Tyler will participate, please contact the Tyler Admissions Office. Transfer applicants must submit a slide or CD-ROM portfolio via the U.S. mail and must include a sturdy, self-addressed, stamped envelope for the return of the slides or CD (see **Transfer student information below**).

While the application to Tyler is being processed by Temple University, an interview by a member of the Tyler faculty or by the Admissions Staff must be arranged. All work included in the portfolio should have been completed during the previous year and should represent as broad a selection as possible: drawings from life, work in both color and black and white media, design examples, photography, prints, crafts, or sculpture. Portfolios must include five strong examples of drawing from observation regardless of the major the applicant wishes to pursue. No work that is copied directly from photographs or magazines should be included. It is not necessary to mat or frame any of the art work for this presentation. Original work must not be sent through the mail.

The freshman applicant is advised to submit work done independently as well as under instruction. The transfer student should submit work that is representative of the college level studio work completed to date.

In order for the application to be completed, an 8 1/2" x 11" self-portrait, in pencil from a mirror reflection, must be sent to Tyler. The application is not considered complete without the self-portrait; it becomes a permanent part of the application and is not returned. This self-portrait should not be framed or matted. Please refer to the Tyler catalog for more information. Tyler also requires a Statement of Purpose that is separate from the Undergraduate application essay as well as a completed BFA information form. For more information on the Statement and the Self-Portrait, or to be e-mailed a BFA information form or portfolio review appointment form, e-mail tylerart@temple.edu.

Transfer Students

To enroll with advanced standing, applicants must fulfill the admission requirements of Temple University as well as the special requirements of the School of Art. Applicants should demonstrate a level of art performance appropriate to the year for which they are applying. Usually this requires completion of a proportion of studio and academic courses comparable to that taken by Tyler students, as well as a comparable portfolio of 20 slides or a CD-ROM of at least 20 images. The slides or CD should represent all studio coursework taken, as well as work towards a specific major. The slides or CD must also include five strong examples of drawing from observation, regardless of the major the applicant wishes to pursue. Drawings should be complete, sustained works, not sketches.

All transfer students must submit a slide or CD-ROM portfolio through the U.S. mail instead of an in-person review of art work. The slides or CD must be accompanied by a detailed description list and a sturdy, self-addressed stamped envelope. To be as fair and precise as possible in making transfer decisions, the transfer committee consistently applies a uniform standard to all applicants. A transfer committee comprised of Tyler faculty and the Assistant Dean for Admissions will review the portfolios and academic records of each application to determine the best placement level possible. However, we strongly encourage all transfer applicants to visit the Tyler campus and to schedule a campus tour.

Tyler accepts transfer students from accredited institutions of higher education and strives to keep any loss of credit to a minimum. The transfer student will be required to complete a minimum of 30 studio credits as a full-time student on the Tyler campus. In order to be considered for transfer credit to the BFA degree, studio credits must have been completed within the last 10 years.

If the transfer student has not completed the equivalent of Tyler's Foundation Program, he or she must take the deficient courses, beginning with the first semester enrolled at Tyler.

Transfer students are admitted at a specific studio level (second semester sophomore, first semester junior, etc.) which is determined by transferable courses, academic performance, and the portfolio evaluation by Tyler faculty. Students who choose to enroll do so with the understanding that they are accepting the studio placement as determined by the transfer committee.

Readmission Policy

See **Academic Policies and Regulations in this section.**

FINANCIAL AID AND SCHOLARSHIPS

Financial Aid

Please see Financial Information: Detailed Aid on p. 27

Detailed information can be found on at www.temple.edu/sfs. Applications for financial aid (Free Application for Federal Student Aid) are available through the Student Financial Services office at the Tyler Elkins Park Campus 215-782-2769 on Wednesdays and Thursdays, or through Main Campus 215-204-2244.

Scholarships

Tyler offers merit-based and merit/financial need-based BFA scholarships dependent upon available funding. Generally, between 16 and 20 portfolio scholarships ranging from \$1000 to full tuition are awarded to undergraduate students entering in the fall semester. Some of these scholarships may continue dependent upon available funds, cumulative grade point average, and/or demonstrated financial need. All scholarships and guidelines for consideration are printed on the Scholarship List form available in the Tyler Admissions Office and posted on the Tyler website. Students who wish to compete for portfolio scholarships must follow the deadlines and application procedures indicated on the Scholarship List form. BFA applicants submit a slide portfolio along with a sturdy self-addressed, stamped envelope that must be received by the published deadline.

Matriculated students also have the opportunity to compete for Tyler-specific scholarships, including the Wayne Becker Scholarship Award and the Betty-Ann Shema Morris Scholarship. Information about merit scholarships for continuing students is posted annually at the Tyler Elkins Park campus as well as through the Dean's office and department offices.

In addition to portfolio-based scholarships, a number of scholarships for students based on academic achievement are awarded through Temple University to Tyler School of Art. These awards typically range from \$1,000 to full tuition. For more information about these awards, please contact the Temple University Office of Undergraduate Admissions.

Emergency Grants and Loans

Funds donated by alumni and friends of the school are available to students in the form of emergency grants and loans. Two such funds are the Boris Blai Memorial Tyler Student Aid Fund and the Stella Elkins Tyler Short Term Student Loans. Information about these funds is available through the **Student Financial Services Office and the Business Office at the Tyler Elkins Park Campus.**

SPECIAL PROGRAMS

Rome

Juniors may elect a year or semester abroad. Housed in the Villa Caproni, facing the Tiber River just north of the Piazza del Popolo, the school offers courses in painting, drawing, graphic and interactive design, photography, printmaking, sculpture, architecture, and art history. Facilities include a library, an art gallery, private work areas, and full equipment in studio disciplines. Art history is taught through direct observation of original works and historic sites. The student also may elect to take courses in Italian, anthropology, history, or literature. For more information about Study Abroad options, see International Programs and Study Abroad at www.temple.edu/bulletin/ugradbulletin/intlpro.htm.

Scotland

In conjunction with the Glasgow School of Art, the Crafts Department of the Tyler School of Art offers an interdisciplinary studio program in Scotland. The program consists of four weeks of traveling and intensive studio workshops in a variety of media while exploring the art, culture, and geographic beauty of Great Britain.

Japan

Art, Media, and Design Summer Workshop in Japan is offered at the Temple University Japan campus in Tokyo. The summer workshop course incorporates lectures, site visits, readings, and discussions as well as a workshop component. Temple Japan now offers a BA in Art degree (digital media concentration).

Opportunities in Mostar, Bosnia and Herzegovina

Unique to the Tyler Architecture Program is the ongoing involvement of the program in the reconstruction of the former Yugoslavia. One of the third- and fourth-year vertical studios focuses on the field of postwar reconstruction planning for the Old Town district of Mostar, Bosnia and Herzegovina. Students attend month-long workshops in Istanbul and Mostar. The students participating in this program play critical leadership roles in these international workshops.

Yale Norfolk

Traditionally, Tyler has been invited to nominate a distinguished junior BFA Painting or Sculpture major for participation in the Yale Norfolk Summer School of Art and Music in Connecticut. Nominations are made by the PDS faculty.

Black Hills/Pilchuck/Skowhegan

Tyler offers one full scholarship each summer to the Black Hills Print Symposium in South Dakota. Nominations are made by the Printmaking faculty. The Symposium brings together professional artists and students from all over the country for a serious exchange of ideas and information. One scholarship is also awarded to the summer program of the Pilchuck Glass School in Washington State. The Pilchuck School offers glassblowing, hot glass sculpture, casting, mixed media sculpture, flame working, and neon to students from around the world. The School emphasizes experimentation, investigation, teamwork, and personal growth. Nominations are made by the Glass faculty.

Each year students are nominated for a full scholarship to the nine-week Skowhegan School of Painting, and Sculpture Summer Program in Maine. The scholarship covers full costs of room, board, and tuition. Skowhegan enrolls 60 advanced students of painting and sculpture from schools across the country that work independently under the guidance of six resident faculty members and weekly visiting artists. Students who have completed the junior year are nominated by presenting work to the PDS faculty.

Foreign Exchange Program

Tyler participates in an exchange program with the Glasgow School of Art, Scotland. This program involves a one-to-one student exchange for a B.F.A. major in the upper division years for ten weeks. The formal agreement allows students to pay tuition to their home institution and maintain class-level status while experiencing the culture and education process of another country.

CAREER DEVELOPMENT SERVICES

Career Development Services provides students with up-to-date material on career planning, resume preparation, interviewing skills, and job search techniques. Students are encouraged to schedule appointments for career conversation and advisement. For more information, see the Student Support and Services: Student Services: Career Development Services, at www.temple.edu/careerdev/ or telephone the office on the Main Campus at 215-204-7981.

VISITING ARTISTS PROGRAM

The school and individual departments sponsor an active program of extracurricular events both on and off campus, including public lectures through critical dialogues and arranged introductions, exhibitions, and workshops. These offer students the opportunity to meet with the artists and discuss their work.

HONOR SOCIETIES/AWARDS

Annual cash, book, and gift certificate awards are given to graduating students who have excelled in art, demonstrated outstanding scholastic achievement, or distinguished themselves in a particular department. Among these awards are the Alec Abels Memorial Award in Painting, the Alumni Service Award, the Art and Art Education Department Achievement Award, the Essie Baron Memorial Award, the Billikopf Awards, the Rudolf Staffel Award in Ceramics, the Boris Blai Memorial Award in Sculpture, the Jane D. Bonelli Art Education Award, the Kristin Huggins Memorial Award, the Del Val Potters Supply Award, the East Bay Batch & Color Awards, the Faculty Award in Art Education, the Faculty Award in Art History, the Faculty Award in Metals, the Frei and Borel Student Awards, the Graphic Design Alumni Award, the Graphic and Interactive Design Senior Project Award, the Jack Malis Glass Award, the Kalnin Graphics Award, the Allen Koss Memorial Awards, the Ann and Jack Moslkowitz Art Education Award, the Raphael Sabatini Memorial Award in Printmaking, the Herman Gundersheimer Award for Academic Excellence, the Herman Gundersheimer Award for Art History, the Carmela Corso Scholarship Prize, the Edith Weil Hecht Memorial Awards in Painting and Sculpture, the Lester and Violet Hecht Award in Printmaking, the Robert and Richard Hecht Awards, the Photography Faculty Awards, the Printmaking Faculty Award, the Bertha Lowenburg Prize for excellence in art, the Nathan Margolis Award in Ceramics, the Dorothy H. Ward Memorial Award, the Philadelphia Print Center Award, the Plastic Club Award, the Power Design Award, the Philadelphia Water Color Club Award, the Rio Grande Student Award, the Vivian Rosenberg Memorial Senior Project Award, the Sculpture Project Award, the Senior Painting Award, the Bruce Silver Outstanding Achievement Award, the Taws Artist Materials Award, the Rochelle Toner Award, the T.B. Habstoz Student Award, the Utrecht Supplies Award, and the Utrecht/Hallmark Award.

The Architecture Program offers the following awards: The Architecture

Program Merit Award, the Bachelor of Architecture Award, the AIA Henry Adams Medal, the AIA Henry Adams Certificate of Merit, the Alpha Rho Chi Medal, the Alumni Thesis Prize, the Da Vinci Prize, and the Diener Brick Company Masonry Award.

STUDENT SERVICES AND ACTIVITIES

215-782-2883

Student Services and Activities, located on the third floor of the Tyler Elkins Park Campus' Tyler Hall, handles most of the non-academic, extracurricular activities including: entertainment, assistance and development of student organizations, off-campus jobs and housing, museum bus trips, recreational services, and the production of student publications. Student Services also handles student and faculty requests to reserve Tyler Gallery, Penrose Gallery, as well as PE107 for exhibitions. Students come here to deal with myriad problems. Additional information can be found at our Tyler Student Life Web site www.temple.edu/tylerstudentlife

STUDENT ORGANIZATIONS AND APPOINTED POSITIONS

Student Government – Two elected Tyler representatives participate in the Temple Student Government meetings on the Main Campus. This organization provides an integral link between students on all campuses and assures an ongoing dialogue with the administration.

Student Alliance –

Elected student officers serve as liaisons between the Student Government, the general student population, and faculty and administration to ensure that the needs of the Tyler student body are fulfilled. The Student Alliance further provides an open forum for campus concerns and issues. A faculty member may be selected and act as resource person and/or advisor to the group.

Student Run Gallery – “Produce,” the Penrose Hall student-run gallery serves as a venue to promote both student works as well as professional exhibitors. Every year four exhibitions are chosen and curated by the student advisory board, which is composed of one representative from each undergraduate class along with one from Tyler Student Government and Student Alliance. A graduate student director manages the student advisory board and gallery budget. Students are encouraged to participate in the selection of exhibitions by becoming a part of the advisory board.

Student Program Board – Interested students organize, plan, and present culturally diverse and entertain-ing

extracurricular programs open to the campus community as well as the general public. The General Activities Fee funds both groups.

GAF Steering Committee

Representative – (General Activities Fee) Each year a student is appointed by the Director of Student Services and Activities to represent Tyler on the University's GAF Steering Committee. The committee oversees the equitable distribution of GAF money for the University/campus-wide programs, special events, and activities.

ACF – (Artist Christian Fellowship) Weekly Bible study along with a casual coffeehouse open to the campus community.

CATS – Students and alumni coordinate semi-annual fairs for the exhibition and sale of their craft work.

Beech Hall Residence Senate – Students discuss the rules and regulations of the residence hall and plan recreational events for residents.

SPECIAL FACILITIES

Local and national exhibitions are scheduled in Tyler Gallery on campus and the Temple Gallery in Old City Philadelphia (45 N. Second Street) that demonstrate vital movements in contemporary art. The openings for these shows allow students the opportunity to meet and talk with the artists. Call 215-204-8982 for more information. “Produce,” the Penrose Hall student-run gallery, serves as a venue to promote both student works as well as experienced exhibitors.

The Tyler Elkins Park and Main Campus programs house studios, workshops, and exhibition space for students in the curriculum. Specific information about facilities and studio spaces for individual majors can be found on the Tyler Web site under the department pages.

The Student Computer Center located in Penrose Hall Library is available to all currently enrolled Tyler students, Monday through Sunday during posted library hours. Computer monitors are available to help.

ACADEMIC ADVISING INFORMATION

Tyler/Elkins Park Campus: Office of the Academic Coordinator
207 Tyler Hall, 215-782-2780
Monday through Friday, 8:30 a.m. to 4:30 p.m. by appointment
pgriff100@temple.edu

Main Campus: Office of the Academic Advisor for Architecture, Art, Art Education, Art History
Architecture/Engineering Building, Room 806, 215-204-6389
lduffy@temple.edu
Monday through Friday, 8:30 a.m. to 4:30 p.m. by appointment

Major Advising

Architecture (Main)
CEA Building, Room 909, 215-204-8813
archinfo@temple.edu

Art and Art Education (Main), Jo-Anna J. Moore, EdD, Chairperson
Anderson Hall, Room 311, 215-204-7191
artedart@temple.edu

Art (Undergraduate), Professor Marilyn Holsing, MA, Undergraduate Advisor
Anderson Hall, Room 311, 215-204-7171
marilyn.holsing@temple.edu, artedart@temple.edu

Art Education (Elkins Park)
Tyler Hall, Room 304, 215-782-2730
artedart@temple.edu

Art Education (Main)
Anderson Hall, Room 311, 215-204-7191
artedart@temple.edu

Art History (Main), Professor Glenn Bengé, Undergraduate Advisor
851 Ritter Annex, 215-204-6935, 215-204-7837
gbenge@temple.edu

Crafts (Elkins Park), Professor Nicholas Kripal, Chairperson
Penrose Hall, Room 305, 215-782-2868
nkripal@temple.edu

Ceramics (Elkins Park), Professor Nicholas Kripal, Area Chairperson
Elkins Hall Ceramics Studio 004, 215-782-2790
nkripal@temple.edu

Fibers (Elkins Park), Professor Rebecca Medel, Area Chairperson
President's Hall, Room 004, 215-782-2728
rmedel@temple.edu

Glass (Elkins Park), Professor Jon Clark, Area Chairperson
Blai Hall 103-Glass Studio, 215-782-2808
Jonclark@temple.edu

Foundation Program (Elkins Park), Professor Sharyn O'Mara, Chairperson
Tyler Hall, Room 205, 215-782-2894
somara@temple.edu

Graphic Arts and Design (Elkins Park), Professor Stephanie Knopp, Chairperson
Penrose Hall, Room 302, 215-782-2869
stephanie.knopp@temple.edu

Graphic & Interactive Design (Elkins Park)
Professor Alice Drueding, Undergraduate Coordinator
Penrose Hall, Room 206, 215-782-2837
drueding@temple.edu

Photography (Elkins Park), Professor Michael Becotte, Area Chairperson
Penrose Hall, Room 202, 215-782-2893
michael.becotte@verizon.net

Printmaking (Elkins Park), Professor Daniel Dallmann, Area Chairperson
Penrose Hall, Room 203, 215-782-2837
dallmann@temple.edu

Painting, Drawing, and Sculpture (Elkins Park), Professor Margo Margolis, Chairperson
Penrose Hall, Room 303, 215-782-2870
margom@temple.edu

Painting (Elkins Park), Professor Margo Margolis, Area Chairperson
Penrose Hall, Room 203, 215-782-2870
margom@temple.edu

Sculpture (Elkins Park), Professor Winifred Lutz, Area Chairperson
Elkins Hall Sculpture Studio, Room 007
215-782-2863
wlutz@temple.edu

Tyler/Elkins Park Campus Advising

Advising is provided, individually and in groups, to full-time matriculated students enrolled in Tyler School of Art. Additionally, the Wednesday before the start of telephone registration is set aside each semester for advising purposes, at which time students receive their DARS and meet with an advisor. First year students are advised by the Academic Coordinator and are automatically registered by the Tyler Office of Registration and Records. Studio advising is provided in the second year by sophomore studio advisors as assigned in each area. Major advising is by studio advisors in the student's area with academic advising provided by the Academic Coordinator.

Freshmen are automatically scheduled for both their fall and spring semester classes. Midway through their second semester, freshmen are advised both individually and in groups by the Academic Coordinator and designated assistants on policies, methods, and procedures to assist them in self-registration for their first sophomore semester.

Sophomores also meet with the Academic Coordinator and selected advisors who will help them register for their second sophomore semester. When sophomores register for their junior year, they are assigned to a major advisor, a faculty member from the major they enter who will continue to advise the student during his/her junior and senior years on studio matters.

Juniors, seniors and all transfer students should continue to consult the Academic Coordinator for advising and core requirements.

Additional Advising Services

The Academic Coordinator (Tyler Hall, Room 207; 215-782-2780) should be contacted if there are questions concerning courses that require placement testing. The Coordinator meets with all students on academic probation or designated "at-risk" by virtue of multiple mid-term deficiency notices and is responsible for specific adjustments due students with disabilities. Although the Coordinator has scheduled hours, we suggest calling 215-782-2780 for an appointment.

The Associate Dean for Academic Affairs (Tyler Hall, Room 200; 215-782-2718) is available for advising that cannot be handled through normal channels, or to help with special problems.

Main Campus Advising

Advising is provided to matriculated students enrolled in the Architecture, Art & Art Education, and Art History programs on the Main Campus by the Director of Academic Services and the major undergraduate advisors in the departments.

The week before the start of telephone registration is set aside each semester for advising purposes, at which time students can obtain their DARS report and meet with an advisor. Major advising is by advisors in the student's area with academic advising provided by the Academic advisor. The Director of Academic Services meets with undeclared students who are interested in various Tyler majors.

The Academic advisor should be contacted if there are questions concerning English C050 (College Composition), Intellectual Heritage, and other Core curriculum requirements, or developmental courses in English and mathematics. The advisor meets with all students on academic probation or designated "at-risk" by virtue of multiple mid-term deficiency notices; is responsible for specific adjustments due students with disabilities; and is available by appointment to students with problems impacting on their academic and collegiate progress.

The Associate Dean of Tyler Main Campus Programs (CEA Building, Room 810, 215-204-4302) is available for advising that cannot be handled through normal channels or to help with special problems.

ACADEMIC POLICIES AND REGULATIONS

The University policies and regulations generally apply to all undergraduate students and provide a framework within which schools and colleges may specify further conditions or variations appropriate to students in their courses or programs. (Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information.)

Courses Inapplicable to Graduation

Credits earned in ENG 0040 & 0041, Mathematics 0015 (formerly Math 0001), and Military Science are not included in the minimum number of credits required for graduation. Mathematics 0045 (formerly Math 0002) may be included only when taken as an elective. Courses transferred from other institutions or taken at Temple University that do not satisfy studio, art history, or core curriculum requirements, are elective and inapplicable toward degree completion. In the Architecture Program, no math course below Math C075 will be credited towards graduation.

Honors

Each semester, those undergraduates who have a 3.50 average (3.2 for Architecture Program) in 15 or more credit hours for the previous semester are placed on the Dean's List.

Loss or Damage

Temple University is not responsible for loss of property of any student or other individual due to fire, theft, or other cause. The University may require residence hall students to present proof of insurance against loss by fire, theft, or other cause before assignment to any university housing.

Program Performance

Matriculated BFA students (with the exception of those seeking Teaching Certification) in the Tyler School of Art must maintain a minimum grade point average (GPA) of 2.0* or may be subject to academic action including academic warning, probation, and dismissal from the University. Higher minimum GPAs are required by the Bachelor of Architecture Program (2.5)***, the Bachelor of Arts in Art program (2.5)***, the BFA with teaching certification (3.0) and the BS in Art Education program (3.0).

* Please contact the Academic Advisor for updates to this policy.

** Please consult the Art and Art Education department office for updates to this policy.

*** Please contact the Architecture program office for updates to this policy.

Loss or Damage

Temple University is not responsible for loss of property of any student or other individual due to fire, theft, or other cause. The University may require residence hall students to present proof of insurance against loss by fire, theft, or other cause before assignment to any university housing.

Readmission Policy

All students who have attended Tyler School of Art of Temple University and wish to be considered for readmission to Tyler must fill out an appropriate application available through the Associate Dean's office.

For those students who have left Tyler in academic good standing and apply for readmission into a semester within three years of the last completed semester, no portfolio review or interview is required. A slide or CD-ROM portfolio is required for those BFA students who have not attended Tyler for more than three years from the semester in which they intend to apply for readmission.

Students who are dismissed from Tyler must prove readiness to reenter the program by successfully completing one full-time semester (a minimum of 15 transferable credits) with a 3.0 cumulative GPA from a fully accredited college or university. A slide or CD-ROM portfolio is also required of all

BFA students who were dismissed or who left Tyler on academic probation as well. It must include 20 images of your studio work, 10 completed at Tyler, and 10 after leaving Tyler that demonstrate your studio progress.

Any student who attends another college or university and has taken studio art credits must send in slides or a CD that represent completed studio coursework in order to have those credits considered for transfer credit into the Tyler BFA or BA in Art or BS in Art Education programs.

Academic credits will be accepted into the Tyler degree programs as determined by Temple University policy for the semester in which the student is applying for readmission.

All slide or CD-ROM portfolios for readmission to the BFA must be sent to the Assistant Dean for Admissions, at the Elkins Park campus, who will present them to the Transfer Committee for review. The portfolios of applicants for readmission who have 35 or more total studio credits, which have been satisfactorily completed within the 10 years prior to the semester for which they seek admission, will also be sent to the area chairperson or senior faculty for review. The final decision regarding readmission will depend both on the recommendation of the transfer committee as well as the review of academic credentials by the Associate Dean. Students seeking readmission or transfer studio credit into the Tyler Main Campus programs in Architecture, Art or Art Education must contact the Advising Office for information regarding portfolio review requirements.

Slide carousels, videos, binders, photographs, and original work are not to be sent through the U.S. mail, and if sent, will not be returned. Diskettes or CD-ROMs may be sent in addition to, not in lieu of, a slide portfolio.

Any student applying for readmission must be aware that Tyler will not accept studio credits from transfer or readmission applicants that are more than 10 years old into the BFA curriculum regardless of where those credits were completed.

Student Art Work

The School reserves the right to keep art work submitted for course credit. In practice, this privilege is exercised sparingly but, in certain studio areas, the selection of one piece by each graduating student contributes to an important instructional collection. When the student art work is reproduced in Tyler publications, either in print form or electronic form, every effort will be made to give credit to the student artist.

GENERAL COLLEGE GRADUATION REQUIREMENTS

Students in the Tyler School of Art must meet all degree requirements mandated by Temple University Core and individual departments and programs. Students are responsible for following the course requirements and department policies as listed in the *Undergraduate Bulletin* and in departmental handbooks, curriculum and advising publications.

Bachelor of Fine Arts

Tyler's curriculum is designed to give sound preparation to the future artist while at the same time avoiding narrow vocational goals. The freshman foundation program and introductory courses in each studio area develop a thorough understanding of fundamental processes and information. Advanced courses in the majors stress the development of an individual idiom and preparation for the professional world. At Tyler, art students find an atmosphere of aesthetic freedom that encourages personal experimentation and the exploration of visual concepts.

The BFA with Teaching Certification program leads to certification for teaching art in kindergarten through twelfth grade. Students must complete BFA requirements along with a three-year department core in Education and Art Education that begins in the sophomore year. Because of increased requirements, four years plus one summer session are usually necessary to fulfill all requirements.

Freshman Year

The Foundation Program is highly structured and intensive; it forms the base that establishes the fundamental studio practice and principles for all visual art expression. In addition to presenting traditional vocabulary, theory, media, and technique, the Foundation Program develops creative thinking and problem solving, visual thinking, and perceptual and imaginative abilities. Faculty members from all areas of the school teach the Foundation courses, assuring a broad range of experience and diverse viewpoints.

Sophomore Year

Sophomore studio electives serve as prerequisites to enter the major, of which one specific course is required in each major. During the sophomore year, students are offered the opportunity to explore a wide range of studio areas. This experience gives the necessary background with which to make an informed selection of a major and adds to the overall breadth of the educational experience. Requirements are six 0100-level studio courses (18 s.h.), not to exceed three courses from any one major area and to include at least one course from three different major areas; and, additional credits in Art History electives and/or University Core Curriculum.

Junior and Senior Years

The Bachelor of Fine Arts degree is completed after a final two-year concentration in a major studio area. Because expressive work is often achieved by synthesis of disparate media, a substantial amount of studio work outside the major is allowed. Requirements are eight specified 0200 - 0300 level major courses (24 s.h.); minimum grade of C- required in each course; seven studio electives which may be taken outside the major or as additional major (21 s.h.); and additional credits in Art History electives and/or University Core Curriculum.

B.F.A. Degree

The Bachelor of Fine Arts degree in Studio Art may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 132 semester hours of credit with a minimum cumulative GPA of 2.00.

BFA Curriculum

Requirements	Credits
Studio courses	83
Art History courses	16
University Core Curriculum	33* (If suggested sequence is followed)
Total	132

Suggested Four Year BFA Sequence

Freshman Year	Fall	Spring
Foundation Drawing	3	3
2-D Design Principles	3	3
3-D Design Principles	3	3
Foundation Computer	2*	
Art Heritage Western World C055 & C056	4	4
English C050	3	
Intellectual Heritage X051		3
Totals	18	16

Sophomore Year	Fall	Spring
Studio Electives/Prerequisites	9	9
Intellectual Heritage X052	3	
University Core*	6	9
Totals	18	18

Junior Year	Fall	Spring
Studio Major Courses	6	6
Studio Electives	3	6
University Core	6	3
Totals	15	15

Senior Year	Fall	Spring
Studio Major Course	6	6
Studio Electives	6	6
Art History elective	4	4
Totals	16	16

*May be taken in Fall or Spring Semester

Suggested core courses offered in Elkins Park included those that fulfill more than one core requirement. These include SOC X069 (AC,RS,WI); TYR R188: Art, Race and the American Experience (AC,RS, WI) PSYCH C060 (IN,WI); Women's Studies X051 (IN, WI), College Composition R050 (CO, RS).

B.F.A. Degree with Teaching Certification

The Bachelor of Fine Arts degree with Teaching Certification may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 148 semester hours of credit with a minimum cumulative GPA of 3.0.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information.)

B.F.A. with Teaching Certification Curriculum

Requirements	Credits
Studio courses	74
Art History courses	16
University Core Curriculum	39-52
Education Core	10
Art Education	16

Four Year B.F.A. with Teaching Certification Sequence - Freshman Year

Department	Course #	Course Name	Fall	Spring
RCI				
Foundation	0001/0011	Foundation Drawing	3	3
Foundation	0002/0012	2-D Design Principles	3	3
Foundation	0003	3-D Design Principles	3	3
Foundation	0005/0006	Foundation Computer	2*	
Art History	C055 or C056	Art Heritage Western World I or II	4	AR
English	C050	Composition		3 CO
IH	X051	Intellectual Heritage		3 JA
Totals			18	16

Four Year B.F.A. with Teaching Certification Sequence - Sophomore Year

Department	Course #	Course Name	Fall	Spring	RCI
		Studio Electives/Prerequisites	9	9	
IH	X052/X092	Intellectual Heritage II	3		IB
Art Education	0110	Science and the Art of Teaching (Prereq for Art Ed 0085)		4	
Psychology		Psychology as a Social Science (Prereq for Ed 0010 and 0121)	3		IN
		University Core	3	4	
Totals			18	17	

Four Year B.F.A. with Teaching Certification Sequence - Junior Year

Department	Course #	Course Name	Fall	Spring	RCI
Studio Major Courses			6	6	
Studio Electives			3	6	
Art Education	0085	Art in Elementary and Secondary Education		4	
Art History	Elective		4		
STOC	0065	Public Speaking		3	
University Core			3		
Totals			16	19	

Four Year B.F.A. with Teaching Certification Sequence - Summer Sessions I & II

Department	Course #	Course Name	SS I	SS2	RCI
Education	0122	The Developing Individual across the Life Span (prereq for Art Ed 0187)	3		
Education	X060	Education and Schooling in America (prereq for Art Ed 0187)	3		AC
University Core				6	
Totals			6	6	

Four Year B.F.A. with Teaching Certification Sequence - Senior Year

Department	Course #	Course Name	Fall	Spring	RCI
Studio Major Courses			9	3	
Studio Electives			3		
Art Education	0187	Student Teaching		12	
University Core			6		
Totals			18	15	

*May be taken in Fall or Spring Semester

PROGRAM DESCRIPTIONS

All BFA majors (including those who seek Art Teaching Certification K-12) share a common freshman foundation year. Studies for the BFA degree at Tyler begin with a common freshman experience, the Foundation Year. During this year, students are enrolled in studio courses in Drawing, 2-D and 3-D Principles, and Foundation Computer. The Foundation Program is highly structured and intensive. It forms the fundamental basis for studio practice, critical thinking, and the understanding and implementation of principles of visual art expression. The program emphasizes creative and critical thinking, problem solving, visual thinking, perception and observation, as well as presents traditional vocabulary, theory, media, and techniques of artistic practice. The Foundation Faculty is comprised of faculty from all major areas in the School, providing freshmen with a broad perspective and diverse points of view from which to build their experience as artists.

BFA Foundation Year

Department	Course #	Course Name	Fall	Spring	RCI
Foundation	0001/0011	Foundation Drawing	3	3	
Foundation	0002/0012	2D Foundation Principles	3	3	
Foundation	0003	3D Foundation Principles	3		
Foundation	0004	3D Foundation Principles		3	
Foundation	0005/0006	Foundation Computer and Lab	2*		
Art History	C055 & C056	Art Heritage WesternWorld I or II	4		AR
English	C050	Composition	3		CO
IH	X051	Intellectual Heritage	3		IA

*May be taken in Fall or Spring Semester

CRAFTS DEPARTMENT

Nicholas Kripal, M. F. A.

Penrose 305

215-782-2868

nkripal@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Crafts Department encompasses the media disciplines of Ceramics/Glass, Fibers, and Metals/Jewelry/CAD-CAM. These disciplines are rooted in a rich history, developed and refined within a contemporary context, and are practiced and experienced through a series of formal presentations and evaluations. The Crafts Department faculty endeavor to refine and interpret Crafts traditions, techniques, and concepts while also pursuing the frontiers of their disciplines through their studio practice.

Students are challenged to explore the broad cultural and historical contexts in which their disciplines are made, exhibited, and experienced. They are encouraged to pursue their individual visions with an attitude of curiosity and imagination. The end goal of the curriculum is the education of a Crafts artist who will be creatively active throughout their lives, contributing to the enrichment of not only the communities in which they live and work, but the world community as well.

Upon graduation students go on to careers in art education, design, the arena of not-for-profit and commercial galleries, and the professional practice of a studio artist. Many students go on to graduate school in order to receive further training and research for their eventual professional careers.

CERAMICS/GLASS

Nicholas Kripal, M. F. A., Area Head, Ceramics

Office location: Elkins 004

215-782-2790

nkripal@temple.edu

Jon Clark, Area Head, Glass

Office location: Elkins 004

215-782-2790

jonclark@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

In the Ceramics area, equipment is available for wheel work, mold making, and slip casting projects, as well as large kilns for hand building and sculpture. Processes include: wood firing, raku, salt glazing, stoneware, and porcelain.

The glass curriculum incorporates glass blowing, casting, fusing, and kiln work.

Major Requirements B.F.A. in Ceramics

Sophomore Prerequisites:

Department	Course #	Course Name	Hours	RCI
Crafts	0151 or 0152	Beginning Ceramics	3	
Crafts	0160	Intermediate Ceramics	3	

Junior Requirements:

Department	Course #	Course Name	Hours	RCI
Crafts	0293	Advanced Ceramics	3	
Crafts	0294	Advanced Ceramics	3	
		Two additional specialized Ceramics courses	6	

Senior Requirements:

Department	Course #	Course Name	Hours	RCI
Crafts	0393	Advanced Ceramics	3	
Crafts	0394	Advanced Ceramics	3	
		Two additional specialized Ceramics courses	6	

Junior and Senior Requirements in Crafts Department for Majors (45 s. h.)

Eight courses in your major of three semester hours (24 s. h.)

Seven Electives (21 s. h.)

Major Requirements B.F.A. in Glass

Sophomore Prerequisites:

Department	Course #	Course Name	Hours	RCI
Crafts	0158	Introduction to Glass	3	

Junior Requirements:

Department	Course #	Course Name	Hours	RCI
Crafts	0243	Advanced Glass, Topic: Seminar	3	
Crafts	0244	Advanced Glass, Topic: Visiting Artist Series	3	
<i>At least two of the following courses:</i>				
Crafts	0237	Glass Construction, Topic: Kiln Working <i>or</i>	3	
Crafts	0238	Glass Construction, Topic: Cold Glass		
Crafts	0241	Hot Glass, Topic: Blowing <i>or</i>	3	
Crafts	0242	Hot Glass, Topic: Casting		

Senior Requirements:

Department	Course #	Course Name	Hours	RCI
Crafts	0343	Advanced Glass, Topic: Seminar	3	
Crafts	0344	Advanced Glass, Topic: Visiting Artist	3	
<i>At least two of the following courses:</i>				
Crafts	0337	Glass Construction, Topic: Kiln Working <i>or</i>	3	
Crafts	0338	Glass Construction, Topic: Cold Glass	3	
Crafts	0341	Hot Glass, Topic: Blowing <i>or</i>	3	
Crafts	0342	Hot Glass, Topic: Casting	3	

FIBERS

Rebecca Medel, Area Head
Presidents Hall 004
215-782-2728
rmedel@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Fibers major covers weaving, off-loom, and fabric design in a curriculum based on printing, dye, and techniques of fiber structure. Once techniques are mastered, the program promotes experimentation and development of a personal direction.

Major Requirements B.F.A. Fibers**Sophomore Prerequisites:**

Department	Course #	Course Name	Hours	RCI
Crafts	0117	Off Loom Structure I	3	
Crafts	0105	Fabric Pattern and Image I	3	

Junior and Senior Requirements:

Department	Course #	Course Name	Hours	RCI
<i>Eight of the following courses:</i>				
Crafts	0118	Woven Structure I	3	
Crafts	0212	Alternative Materials	3	
Crafts	0214	Digital Printing	3	
Crafts	0217	Off Loom Structures II	3	
Crafts	0218	Woven Structures II	3	
Crafts	0203	Field Internship Fibers	3	
Crafts	0282	Silkscreen on Fabric I	3	
Crafts	0318	Woven Structure III	3	
Crafts	0317	Off Loom Structures III	3	
Crafts	0382	Advanced Fabric Printing	3	
Crafts	0305	Fabric Pattern and Image II	3	

FOUNDATION PROGRAM

For Curriculum, see Freshman Year sequence on page 87.

METALS/JEWELRY/CAD-CAM

Stanley Lechtzin, Area Head
Elkins 101

215-782-2869

stanlechl@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

This program stresses the use of traditional techniques and materials in relation to their historical significance while encouraging the use of new technologies in the advanced courses. Assignments focus on the design and creation of jewelry, non-functional forms, furniture, and tableware.

Major Requirements B.F.A. Metals/Jewelry/CAD-CAM**Sophomore Prerequisites:**

Department	Course #	Course Name	Hours	RCI
Crafts	0153 or 0154	Jewelry	3	

Junior Requirements:

Department	Course #	Course Name	Hours	RCI
Crafts	0265	Junior Metalsmithing	3	
Crafts	0266	Junior Metalsmithing	3	
Crafts	0133	CAD-CAM I	3	
		One specialized Metals course	3	

Senior Requirements:

Department	Course #	Course Name	Hours	RCI
Crafts	0363	Senior Metals and Plastics	3	
Crafts	0364	Senior Metals and Plastics	3	
Crafts	0234	CAD-CAM II	3	
		One specialized Metals course	3	

GRAPHIC ARTS AND DESIGN DEPARTMENT

Stephanie Knopp, MFA
Penrose 302

215-782-2869

stephanie.knopp@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Graphic Arts and Design Department encompasses three distinct areas of study – Graphic and Interactive Design, Photography, and Printmaking. Our mission is to prepare students for the challenges of each discipline and to help them maximize their potential as artists.

The Graphic Arts and Design faculty is made up of practicing artists and designers who are professionally active and well equipped to teach the fundamental principles of their disciplines while keeping abreast of innovations in their fields. During the two-year program of coursework in the major, conceptual thinking aimed at the development of the student's personal artistic vision is stressed; at the same time, technical skills using appropriate tools and techniques to solve creative problems are developed. Our majors are encouraged to integrate each discipline's traditional image-making techniques with rapidly evolving 21st-century digital technologies. Upon graduation, our students are prepared to enter their respective fields as professionals and to continue their growth as artists.

GRAPHIC AND INTERACTIVE DESIGN

Alice Drueding, Area Head
302 Penrose Hall
215-782-2869
drueding@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Graphic and Interactive Design is visual communication using creative combinations of ideas, art and technology to inform and influence specific audiences. Course offerings include assignments in corporate identity, packaging, publishing, poster design, advertising, signage, illustration and design for the world-wide-web and CD-ROM.

Major Requirements B.F.A. Graphic and Interactive Design

Sophomore Prerequisites:

Department	Course #	Course Name	Hours	RCI
GAD	0117	Graphic Design	3	
GAD	0146	Introduction to Computer Graphics	3	

Note 1: A final grade of B-minus or better is required in Sophomore Design 0117 in order to continue in the major at the junior level.

Note 2: Graphic and Interactive Design majors who plan to go to Rome should do so in the second semester of their sophomore year if they plan to graduate in 4 years. These students should see the Area Head for advising before going to Rome.

Junior Requirements:

Department	Course #	Course Name	Hours	RCI
GAD	0253	Advanced Graphic Design (Fall)	3	
GAD	0254	Advanced Graphic Design (Spring)	3	
GAD	0257	Typography I	3	
GAD	0283	Intermediate Computer Graphics	3	

Electives strongly recommended:

GAD	0255 or 0256	Illustration	3	
GAD	0297	Advanced Typography	3	
GAD	0251 or 0252	Interactive Design	3	

Note 1: In the junior year Advanced Graphic Design must be taken in sequence (0253 in Fall/0254 in Spring)

Note 2: The prerequisites for Senior level design courses are the 4 required courses at the junior level (GAD Advanced Graphic Design 0253 (Fall), GAD Advanced Graphic Design 0254 (Spring), GAD Typography 0257 (Fall or Spring), GAD Intermediate Computer Graphics 0283 (Fall or Spring), Interactive Design 0251 or 0252 is required for students taking GAD Senior Interactive 0391 or 0392.

Note 3: Students who plan to have an interactive portfolio only should take Interactive Design 0252 in the junior year. Intermediate Computers 0283 is the prerequisite for this course.

Senior Requirements:

Department	Course #	Course Name	Hours	RCI
GAD	W362	Senior Portfolio (Spring)	3	WI*

Select three specialized courses in Senior Graphic Design from the following:

GAD	0385	Senior Design Workshop	3	
GAD	0386	Advanced Projects in Design	3	
GAD	0387	Senior Design/Art Direction	3	
GAD	0388	Senior Design/Packaging	3	
GAD	0389	Senior Design/Publishing	3	
GAD	0390	Senior Design/Corporate	3	
GAD	0391 or 0392	Senior Interactive	3	
GAD	0393 or 0394	Senior Design/Projects in Authorship	3	
GAD	0397	Senior Design/Design for the Public Good	3	
GAD	0398 or 0399	Senior Illustration	3	

Note 1: Senior Portfolio W362 fulfills the writing intensive requirement in the major.

*Indicates Writing Capstone

PHOTOGRAPHY

Michael Becotte, Area Head
102 Elkins Hall
215-782-2785
michael.becotte@verizon.net

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

In addition to traditional black and white and color photography, Tyler's Photography Area will introduce you to various other creative approaches to the medium. Some of these include digital imaging techniques, large-format professional digital printing in black and white and color, handmade cameras, large-format photography, historical processes, critical theory, and career options for artists.

Major Requirements B.F.A. Photography Major

Sophomore Prerequisites:

Department	Course #	Course Name	Hours	RCI
GAD	0171 or 0172	Photography I	3	
GAD	0103	Digital Imaging (prereq for Digital Photography)	3	

Junior and Senior Requirements:

Department	Course #	Course Name	Hours	RCI
GAD	0173 or 0174	Photography II	3	
GAD	0203	Digital Photography (prereq Digital Photography)	3	
GAD	0204	Advanced Photo Workshop (fall or spring)	3	
GAD	0205	Color Photography I	3	
GAD	0281 or 0282	View Camera	3	
GAD	0279	Photo Process Workshop	3	
GAD	0383	Senior Photography	3	
GAD	0384	Senior Photography	3	

Electives:

GAD	0206	Color Photography II	3	
GAD	0280	Photo Process Workshop	3	
GAD	0302	Digital Projects	3	

PRINTMAKING

Dan Dallmann, Area Head
203 Penrose Hall
215-782-2837
dallmann@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Printmaking Area is housed in large, fully equipped modern studios where you first learn the fundamentals of the three printmaking disciplines (silkscreen, lithography, and etching) before exploring at least two of these disciplines in depth. After students master the basic technical aspects of printmaking, the faculty encourages the exploration of advanced subjects that include color and photo-etching, photo-lithography, metal engraving, mezzotint, viscosity color printing, woodcut, and the full utilization of the computer as an image-creating tool.

Major Requirements B.F.A. in Printmaking

Sophomore Prerequisite:

Department	Course #	Course Name	Hours	RCI
GAD	0116	Survey of Printmaking Techniques	3	

Junior Requirements:

Department	Course #	Course Name	Hours	RCI
GAD	0133 or 0134	Serigraphy (Prereq for Adv. Serigraphy)	3	
GAD	0135 or 0136	Etching (Prereq for Adv. Etching)	3	
GAD	0137 or 0138	Lithography (Prereq for Adv. Litho)	3	
GAD	W349	Art Career Workshop	3	WI*

*Indicates Writing Capstone

Senior Requirements:

Department	Course #	Course Name	Hours	RCI
Two or more advanced courses chosen from the following:				
GAD	0321 or 0322	Advanced Etching	3	
GAD	0331 or 0332	Advanced Lithography	3	
GAD	0345 or 0346	Advanced Serigraphy	3	

One or more specialized course in Printmaking from the following:

GAD	0336	Color Print Workshop (Intermedia)	3	
GAD	0338	Woodcut & Monoprint Workshop	3	
GAD	0347	Printmaking Workshop (Intermedia)	3	
GAD	0350	Senior Project Workshop	3	

PAINTING/DRAWING/SCULPTURE DEPARTMENT

Margo Margolis, Department Chair

Penrose 303

215-782-2870

margom@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The Painting, Drawing and Sculpture Department emphasizes artmaking as an ongoing discipline rooted in rich history. We provide our students with a rigorous experience of the disciplines of drawing, painting, and sculpture. This experience ranges through the aesthetic, the technical and the well-formed idea. We are committed to providing our student with understanding of the broad cultural and historical context in which art is made and experienced.

The Painting, Drawing and Sculpture Department has a weekly schedule of visiting lectures. Our lectures include practicing studio artists, museum curators and critics, all of national standing. Special effort is made to put the visiting artist in contact with our graduate students.

PAINTING/DRAWING

Margo Margolis: Department Chair, Painting Area Head

Penrose 303

215-782-2870

margom@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Tyler's Painting and Drawing program provides the skills and concepts essential to artistic growth. The faculty has designed studio and seminar courses that foster the development of pictorial concepts realized in the tangible form of both mediums.

The course offerings range from Figure Drawing to Senior Painting Studio, a capstone course for Painting majors. Advanced level Courses offer a range of technical, topic, and theory based exposures to contemporary approaches to painting. The faculty advises each student to participate in a variety of studio experiences to facilitate the integration of technique with personal vision.

Major Requirements B.F.A. in Painting

Sophomore Requirements:

Painting

Department	Course #	Course Name	Hours	RCI
PDS	0131 or 0132	Painting	3	

Drawing

Department	Course #	Course Name	Hours	RCI
PDS	0143 or 0144	Intermediate Drawing	3	

Note: Intermediate Drawing 0119 may be substituted for 0143 or 0144

Note: Art Matters 0149 and/or Digital Drawing 0112 are strongly recommended to students interested in Painting as a major.

Note: Art, Race, and the American Experience R188 is recommended to students interested in the Painting major. WI,RS,AC

Junior and Senior Requirements:

Eight (8) courses totaling (24) credit hours. These courses must satisfy the following grade level requirements. Two Painting courses must be taken at the 200-299 level, and two Painting courses must be taken at the 300-399 level. Two Drawing Courses must be taken at the 200-299 level, and two Drawing courses must be taken at the 300-399 level.

Painting

Department	Course #	Course Name	Hours	RCI
Select three courses, a total of 9 hours, from the following list:				
PDS	0150	Painting, Materials & Techniques	3	
PDS	0257	Landscape	3	
PDS	0270	Color	3	
PDS	0258 or 0358	Figure Painting	3	
PDS	W286	PDS seminar (for Painting credit)	3	WI
PDS	0290, 0291, 0390, 0391	Advanced Painting	3	
PDS	0331 and 0332 (see note #1 and #2)	Senior Painting Studio	6	

Note 1: 0331 and 0332 is Jury selected by the faculty and must have faculty approval.

Note 2: 0331 and 0332 is a six-credit course that counts as two courses. The course is team taught by two faculty and meets four times a week.

Capstone recommendation

PDS	W286	PDS Seminar (for Sculpture credit)	3	WI
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Drawing

Department	Course #	Course Name	Hours	RCI
Select three courses, a total of 9 hours, from the following list:				
PDS	0250	Interactive Projects	3	
PDS	0253 or 0353	Figure Drawing	3	
PDS	0278 or 0378	Advanced Drawing	3	
PDS	W286	PDS Seminar (for Drawing credit)	3	WI

NOTE 1: The faculty strongly recommends PDS seminar, W286 as one of the eight courses. This seminar course may be counted as either a Drawing or Painting course

NOTE 2: Any of the Painting or Drawing courses may be taken in excess of the required eight (8) courses. Additional Painting and Drawing courses will count as studio electives. This is a common practice encouraged by the Painting Faculty.

SCULPTURE

Jude Tallichet, Area Head

Elkins 007

215-782-2809

jude@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The sculpture facility houses wood shops, metal fabrication equipment, plaster and model-making facilities, and a foundry for casting bronze and aluminum. The initial emphasis is on the development of basic skills with tools and equipment. Advanced courses provide intensive studio experience and the dynamics of a critical dialogue.

Major Requirements B.F.A. in Sculpture

Sophomore Prerequisites:

Department	Course #	Course Name	Hours	RCI
PDS	0169 or 0170	Sculpture	3	

Junior and Senior Requirements:

Department	Course #	Course Name	Hours	RCI
PDS	0221, 0321	Advanced Sculpture	3	
or				
PDS	0222, 0322	Advanced Sculpture		
PDS	0221, 0321	Advanced Sculpture, Special Topics	3	
or				
PDS	0222, 0322	Advanced Sculpture, Special Topics		
PDS	0335	Senior Sculpture	3	

Three Specialized Courses in Sculpture from the following list:

PDS	0223, 0323	Installation	3	
PDS	0224	Sculpture Materials & Techniques	3	
PDS	0244, 0344	Mold Making Technology	3	
PDS	0111	Figure Modeling	3	
PDS	0236, 0336	Public Art Projects	3	
PDS	0351	Field Internship	3	
PDS	0395	Independent Study	3	

Two advanced-level courses in drawing from the following list:

PDS	0278, 0378, 0279, 0379	Advanced Drawing	3	
PDS	0253, 0354	Figure Drawing	3	
PDS	0251	Digital Drawing	3	
PDS	0218	Video Workshop	3	

Note: The students choose their studio electives in consultation with an advisor in the sculpture department. Students help design their own course schedule to reflect their individual talents and interests. The student can select these courses from anywhere in the Temple system.

Capstone recommendation

Department	Course #	Course Name	Hours	RCI
PDS	W286	PDS Seminar (for Sculpture credit)	3	WI

ARCHITECTURE PROGRAM

Sally Harrison, Chair
CEA Building, Room 907
1947 North 12th Street
215/204-8813

archinfo@temple.edu

www.temple.edu/architecture

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Architecture Program is essentially urban in character. The program treats the city itself as a primary laboratory of study for the student. The wide variety of neighborhoods, public buildings, and major urban design projects in Philadelphia serve as examples for evaluation and study. The Program offers the NAAB accredited Bachelor of Architecture degree (5-year) and the Bachelor of Science in Architecture degree (4-year). The Architecture curricula share a common two-year Basic Studies Program. Upon successful completion of this preparatory program, students may either continue in the Bachelor of Science in Architecture curriculum or apply for acceptance into the Professional Bachelor of Architecture degree program. Admission to the Bachelor of Architecture Program is competitive and completion of minimum entrance requirements does not guarantee admission.

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit US professional degree programs in architecture, recognizes two types of degrees: the Bachelor of Architecture and the Master of Architecture. A program may be granted a five-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards.

Masters degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

The five-year Bachelor of Architecture (B.Arch.) professional degree program prepares students for the practice of architecture in entry-level positions, and is part of an intern development program that leads to professional registration. This curriculum is designed to enable students to learn theories and methodologies of architectural design as well as to understand the social, economic, political, and technological forces that shape the built environment. The principal educational component of the Program is a coordinated series of studio courses in which creative design talents and management skills are developed. Holders of this degree may, upon completion of postgraduate work experience, be admitted to the architectural licensing examinations offered in each state, through which they may become registered architects.

The four-year Bachelor of Science in Architecture (BS in Architecture) degree is designed to develop a strong base in architectural technology and practice upon which students may develop additional areas of special competence. Graduates are qualified for a variety of positions in architecture and related fields for which a professional degree and registration are not requirements for advancement. Additionally, students may utilize this degree toward the goal of architectural education at the graduate level.

Following a student's matriculation into the Architecture Program, transfer credits for architecture courses are accepted only from accredited architectural programs in four-year institution. Students must receive permission in advance to take courses at another institution. All University policies governing this process will be enforced.

Students must satisfy all University Core requirements in addition to major requirements.

Architecture Basic Studies Courses (Year 1 & 2)

Department	Course #	Course Name	Hours	RCI
Arch	C001	Introduction to Design and the Environment	3	AR
Arch	0011	Design Foundation I	2	
Arch	0031	Design Fundamentals I	4	
Arch	0012	Design Foundation II	2	
Arch	0032	Design Fundamentals II	4	
Arch	0131	Arch Design I	6	
Arch	0132	Arch Design II	6	
Arch	C141	Arch History Ancient through Early Renaissance	3	AR
Arch	C142	Arch History Late Renaissance through 20th Century	3	AR
Arch	0151	Architecture, Technology, and the Environment	3	
Arch	0152	Architectural Materials and Methods of Construction	4	

Required Courses Also Satisfying University Core

Department	Course #	Course Name	Hours	RCI
Math	C077	Basic Concepts of Calculus	4	QB
Physics	C083	College Physics I	4	SA
Physics	C084	College Physics II	4	SB

After completion of Architecture Basic Studies, students will follow either the Bachelor of Science in Architecture Curriculum, or the Bachelor of Architecture curriculum. (Separate Application is required for Bachelor of Architecture)

Bachelor of Science in Architecture (Year 3 & 4)

Department	Course #	Course Name	Hours	RCI
Arch	0174	Site Planning and Landscape Architecture	3	
Arch	0251	Structural Analysis	3	
Arch	0252	Structural Design I	3	
Arch	0253	Structural Design II	4	
Arch	0351	Environmental Systems	3	
Arch	W261	Professional Practice	3	WI*
Arch		Required Electives From Remaining Architecture Program Courses and Approved Courses From Associated Disciplines ¹	24	
		University Free Electives	6	

*Indicates Writing Capstone

Bachelor of Architecture (Year 3, 4, 5)

Department	Course #	Course Name	Hours	RCI
Arch	0174	Site Planning and Landscape Architecture	3	
Arch	0251	Structural Analysis	3	
Arch	0252	Structural Design I	3	
Arch	0253	Structural Design II	4	
Arch	0243	Movements in Modern Architecture	3	
Arch	0231	Arch Design III	6	
Arch	0232	Arch Design IV	6	
Arch	0331	Arch Design V	6	
Arch	0332	Arch Design VI	6	
Arch	0351	Environmental Systems	3	
Arch	W261	Professional Practice	3	WI
Arch	W441	Architectural Seminar I	3	WI*
Arch	0431	Advanced Arch Design	6	
Arch	0432	Arch Thesis	6	
Arch	0442	Thesis Program Prep	3	
Arch	0433	Thesis Advising I	1	
Arch	0434	Thesis Advising II	1	
Arch		Required Electives From Remaining Architecture Program Courses	12	
		University Free Electives	6	

Total of 125 s.h. required for completion of Bachelor of Science in Architecture; 157 s.h. required for completion of Bachelor of Architecture degree.

*Indicates Writing Capstone

ART AND ART EDUCATION

Jo-Anna J. Moore, Ed.D.

Marilyn Holsing, MA, Undergraduate Contact:

Professor of Art, Undergraduate Advisor

311 Anderson Hall

215-204-7191

jmoore@temple.edu

marilyn.holsing@temple.edu

artedart@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The Art and Art Education Department (AAE), located at Temple University, Main Campus, offers the Bachelor of Arts in Art degree with three different concentrations: the BA in Art, Studio Concentration; the BA in Art, Digital Media Concentration; and the BA in Art, Visual Studies Concentration. Our studio courses offer the chance to study art within a liberal arts context, basing course content and pedagogical approach on a view of studio experience as part of education in a broad sense rather than primarily as training for a profession. We offer the Bachelor of Science in Art Education, an accredited program leading to Pennsylvania Certification in Art, K-12. Newly expanded offerings in the Community Arts have developed courses with outreach to the Philadelphia community. Graduates from our Art programs have gone on to graduate study, field work in art galleries, studios, and a wide variety of art-related occupations. We have a 92% placement rate for Art Education in K-12 schools and also in community sites.

Bachelor of Arts in Art: (Studio, Digital Media, or Visual Studies Concentration)

The Bachelor of Arts in Art with a Studio concentration offers students a strong focus in visual art practice within a liberal arts context. The curriculum is devised to offer students a rich range of choices in other academic disciplines to augment their studio studies. The faculty approaches the teaching of studio art from the viewpoint of its connection to a wide sphere of interests, such as psychology, literature, philosophy, mathematics, biology, and physics. Students graduating with this major are well prepared to pursue graduate studies in the fine arts, work as professional artists, or work in galleries or museums.

The Bachelor of Arts in Art with a Digital Media concentration enables students to focus on the use of computer technologies as offered in courses throughout the University, including those in the programs of Art, Architecture, Film and Media Arts, Music, Theater, Dance, etc. This wide range of courses fosters the development of an interdisciplinary approach to image-making that considers both the aesthetic and technical sides of this genre.

The Bachelor of Arts in Art with a Visual Studies concentration enables students to organize multiple approaches to visual thinking that cut across various disciplines into a logical whole. Students will analyze visual communication from a variety of aesthetic, theoretical, scientific, sociological, and historical viewpoints. Analysis will include the consideration of the medium, its impact on the image and message, and its social and cultural context. While the majority of their course work is in academic disciplines, students take studio courses in part because the making of images is closely aligned to their analysis. This major provides a sound basis for pursuing graduate study in art history, art theory and criticism, or visual anthropology.

Bachelor of Arts candidates must complete the University Core requirements with the following: For the Core Language or International Studies requirement, candidates for the BA degree are required to complete both an International Studies and a Language requirement; or complete the third semester of a language (course number C061, except in Critical Languages) and one international studies course or complete the second semester of a language (course number 0052, except in Critical Languages) and two international studies courses, at least one of which must be "Third World/Non-Western."

Students must complete at least 15 semester hours in upper-level Liberal Arts courses. Courses taken in the major count toward the requirement.

The Bachelor of Arts degree for all concentrations may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 123 semester hours of credit with a minimum cumulative GPA of 2.50.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

To receive transfer credit for studio credits taken at other institutions, a student must present a portfolio for each course. An evaluation will determine whether equivalent, elective, or no credit is to be awarded. Transfer portfolio evaluations take place twice each semester but not in the summer semesters. The department will accept a maximum of 24 semester hours of transfer studio credits toward the major.

Bachelor of Arts in Art Major Requirements

Department	Course #	Course Name	Hours	RCI
Art	C059	Intro to Visual Language: Design	3	AR
Art	C069	Intro to Visual Language: Drawing	3	AR
Art	C079	Intro to Visual Language: Painting	3	AR
Art	C089	Intro to Visual Language: 3-D Design	3	AR
Art	W192	Capstone Seminar	3	WI*
AH	C055	Art Heritage of the Western World I	3	AR
AH	C056	Art Heritage of the Western World II	3	AR

* For students starting the program in September of 2005

A course chosen here cannot be used as part of upper level CLA requirements

Students must also satisfy all requirements of one of the following three concentrations:

Studio Concentration Requirements

Department	Course #	Course Name	Hours	RCI
ART	0159	Aqueous Media	3	
ART	0140	Drawing II	3	
ART	0118	Painting II	3	
AH		2 Art History Electives (except AH C051)	8	

Select two from the following List:

	0131, 0136, 0231, 0236, 0238	Printmaking	6	
	0181, 0182	Photography		
	0188, 0189	Digital Photography		
	0160, 0161	Computer Imaging:		
ART		5 Studio Electives	15	
CLA	100+	5 Upper-Level CLA Courses, one must be in Social Science. Upper-level Art History courses can be counted.	15	

Digital Media Concentration Requirements

Department	Course #	Course Name	Hours	RCI
ART		2 Non-Digital Studio Electives	6	
Select one from:				
	0131, 0236	Printmaking	3	
	0181, 0182	Photography		
ART		5 Digital Studio Electives	15	
ART		2 Additional Studio Electives, digital or non-digital.	6	
CLA		5 Upper-Level CLA Courses, one must be in Social Science. Upper-level Art History courses can be counted here.	15	

Visual Studies Concentration Requirements

Department	Course #	Course Name	Hours	RCI
Select one from the following List:				
Art	0131 – 0136	Printmaking	3	
	0181 – 0182	Photography		
	0188 – 0189	Digital Photography		
	0160 – 0161	Computer Imaging:		
Select four from the following:				
ANTH	0224	Anthropology and Art	12	
PHIL	C061, 0131	Art and Society		AR
HIS	0173	Modern U.S. History Through Film		
FMA	X155	Introduction to Film and Video Analysis		AR
JOUR	0060	Intro to Visual Communications		
ENGL	0170, R170	Art of Film		RS
	0172	Intermediate Film		
	0270	Advanced Film		
AH		2 Art History Electives, except AHC051	8	
Concentration Electives		6 Concentration Electives drawn from Studio, Theory, History or Science. See Department Advisor. Courses used in the category "Four from the following" cannot be used in this category.	18	

Art Minor Requirements

Department	Course #	Course Name	Hours	RCI
ART	C059	Intro to Visual Language: Design	3	AR
ART	C069	Intro to Visual Language: Drawing	3	AR
ART	C079	Intro to Visual Language: Painting	3	AR
AH	C055	Art Heritage of the Western World	3	AR
Select one from			3	
ART	0131 0136 or 0181	Relief Printmaking Lithography Basic Photo B/W		
ART		2 Additional Studio Electives	6	

Note: The department will accept a maximum of 9 s.h. of transfer studio credits towards the minor. A portfolio of work must be submitted for review by Department faculty.

Bachelor of Science in Art Education

The Art Education program ensures a fully rounded preparation for the elementary and secondary school teacher. This program provides content study for art teacher preparation and teacher certification to teach art in kindergarten through twelfth grade. The requirements for the degree are 128 total credits. Forty-two credits are in studio art, nine credits in Art History, twenty credits in Art Education, eighteen credits in Education, and thirty-nine to forty-five credits in the University Core Curriculum. The department will accept a maximum of 24 semester hours of transfer studio credits toward the major. The Bachelor of Science degree in Art Education may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 128 semester hours of credit with a minimum cumulative GPA of 3.0.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information.)

Major Requirements for BS in Art Education

Students must also satisfy all University Core requirements. A minimum of 128 hours is required for the degree.

Studio Art and Art History Requirements

Department	Course #	Course Name	Hours	RCI
ART	C059	Intro to Visual Language: Design	3	AR
ART	C069/X069	Intro to Visual Language: Drawing	3	AR, WI
ART	C079	Intro to Visual Language: Painting	3	AR
ART	C089	Intro to Visual Language: 3-D Design	3	AR
ART	0118	Painting II	3	
ART	0131	Relief Printmaking I	3	
or				
ART	0136	Lithography		
ART	0140	Drawing II	3	
ART	0159	Aqueous Media	3	
CR	0151 or 0152	Beginning Ceramics	3	
ART	W192	Art Seminar (offered only in the Fall)	3	WI
AH	C055	Art Heritage of the Western World I	3	
AH	C056	Art Heritage of the Western World II	3	
AH		Art History Elective (not AH C051)	3	
ART		Studio Art Electives from University Art Department (4 courses)	12	

Required Courses Also Satisfying University Core

Department	Course #	Course Name	Hours	RCI
PSY	C060	Psychology as a Social Science	3	IN
HIST	C067 or C068	History US 1600-1877/ History US 1877-Present	3	AC

Additional Liberal Arts Requirements

Department	Course #	Course Name	Hours	RCI
STOC	0065	Public Speaking	3	
Literature Elective		Any University literature course. (See Department Advisor for pre-approval.)	3	

Art Education Specialization Courses

Department	Course #	Course Name	Hours	RCI
AE	0110	Science & Art of Teaching (Only offered in Spring) (Prerequisites: Comp C050 & Psych C060.) (B-)	4	
AE	0085	Art In Elem. & Secondary Education (Prerequisites: Speech Screening, PPST tests, AE 0110. Application must be submitted during pre-registration the semester prior to taking the course.) (B-)	4	
AE	0187	Student Teaching is now five full days a week (Prerequisites: All ED and AE courses must be completed. Application must be submitted during pre-registration the semester prior to taking the course.) (C)	12	

Teaching and Curriculum Courses

Department	Course #	Course Name	Hours	RCI
ED	X060	Education & Schooling in America (C)	3	WI
ED	0122	The Developing Individual Across the Lifespan (C+)	3	
ED	0155	Inclusive Education For a Culturally Diverse Society (C)	3	
ED	0205	Curriculum, Instruction and Technology in Ed. (C+)	3	
ED	0206	Assessment and Evaluation (C)	3	
ED	0255	Effective: Use of Technology in Classroom. (Prerequisite: Skills Test) (C+)	3	

Note: Grades in parentheses indicate minimum grade necessary to count towards degree requirements.

ART HISTORY DEPARTMENT

Gerald Silk, Department Chair
 Marcia Hall, Undergraduate Advisor
 851 Ritter Annex
 215-204-7837

arthisto@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Department of Art History offers broad-ranging introductory surveys of art, from prehistoric times to the present, and more closely focused courses, treating limited segments of the vast historic panorama in both western and non-western art. Approximately 60 courses are offered over the span of a four-year period. Students majoring in art history should graduate with a thorough knowledge of the art historical traditions of each major period from ancient through postmodern art.

Students majoring in art history, especially those pursuing the advanced degree, should be qualified to teach at all levels of lower and higher education. They can also obtain jobs as museum curators, gallery directors, corporate art employees, researchers, and work in a variety of capacities for cultural associations.

The Graduate Student Art History Association sponsors lectures and exhibition visits throughout the year.

Bachelor of Arts in Art History Degree Stipulations:

A minimum of 123 credits is required for the degree. Students must satisfy all University Core requirements in addition to the required major courses. Art History majors must satisfy both the International Studies and Foreign Language portions of the University Core. A minimum of 45 semester hours in CLA upper-level courses must be completed. A minimum GPA of 2.0 required at graduation.

Required Major Courses: Introductory

Department	Course #	Course Name	Hours	RCI
<i>Two of the following four:</i>				
AH	C051	Visual Experience	3	AR
AH	C052	Arts of Asia	3	AR
AH	C055	Art Heritage Western World I	3	AR
AH	C056	Art Heritage Western World II	3	AR

Upper-Level Requirements for the Major

Department	Course #	Course Name	Hours	RCI
Select one course each from five separate categories of the following seven:				
AH		Ancient: 0111, W111, 0112, W112, 0199, 0217, 0229, W229, 0235	20	WI
AH		Medieval: 0115, 0116, 0117, 0125		
AH		Renaissance: 0123, 0124, 0125, 0129, 0223, 0224		
AH		Baroque: 0129, 0130, W130, 0131, W131, 0224		
AH		19th Century: 0135, 0137, 0143, 0146, 0278, W278, 0335		
AH		20th Century: 0103, 0108, 0120, 0127, 0137, 0140, 0142, 0144, 0146, 0147, 0148, 0150, 0163, 0185, 0188, 0200, 0202, 0222, 0250, 0254, 0258, 0278, W278, 0325, 0326		
AH		Non-Western: 0167, 0168, 0171, 0173, 0215, 0218, 0219		

NOTE: Courses listed in more than one field may only count for one field.

Art History Major Elective and Studio Requirements

Department	Course #	Course Name	Hours	RCI
AH		3 Additional Upper-Level Electives drawn from courses listed above and AH 0138, 0139, 0151, 0160, 0168, 0177, 0193, 0194, 0201, 0210, 0302, 0341, 0342. Note: One course must be Writing Intensive	12 minimum	WI
ART		Any Art studio offered by the Temple University Art Department, or appropriate transfer equivalency	3	

Art History Minor Requirements (for Main Campus Students)

Department	Course #	Course Name	Hours	RCI
AH		Introductory Course: Select from AH C051, C052, C055, C056	3	AR
AH		Upper-Level Electives: Select 4 from AH 0100 and above	16	

Art History Minor Requirements (Tyler School of Art BFA Students)

Department	Course #	Course Name	Hours	RCI
AH	C055	Art Heritage Western World I	3	AR
AH	C056	Art Heritage Western World II	3	AR
AH		Upper-Level Electives: Select 4 from AH 0100 and above	16	



FOUNDED: 1918

M. Moshe Porat, Dean
111 Speakman Hall
1810 N. Broad Street
215-204-7676
www.fox.temple.edu

FACULTY INFORMATION:
www.fox.temple.edu/faculty

ACADEMIC ADVISING:
 (Main Campus) 215-204-7672
 (Ambler Campus) 215-283-1399
 (Center City Campus) 215-204-0955

PROGRAMS

Accounting	99
Actuarial Science	100
Business Management	101
Economics	103
E-Marketing	103
Entrepreneurship	104
Finance	104
Human Resource Management	105
International Business Administration	105
Law and Business	106
Management Information Systems	107
Marketing	107
Real Estate	108
Risk Management and Insurance	108

Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
Hours = credit hours
RCI = Required Core Indicator

ACCREDITATION

The Fox School of Business and Management is one of only seven schools in the greater Philadelphia area with curricula at both the undergraduate and graduate levels accredited by The Association to Advance Collegiate Schools of Business (AACSB), the International Association for Management Education.

MISSION STATEMENT

The Fox School of Business and Management is the primary provider of affordable business education in the Delaware Valley. Following the vision of Russell Conwell, Temple’s founder, we have a special role – providing educational opportunities to working students (both full- and part-time) from diverse backgrounds who have ability and ambition.

Through our undergraduate degree program, we seek to improve business practice in the greater Delaware Valley by graduating students who have the skills to lead and manage profit and not-for-profit organizations into the twenty-first century. We actively involve alumni, the local business community, non-profit organizations, government officials, students, and faculty in a continual review of the programs’ curricula to ensure that students’ needs receive primary consideration in program delivery.

Our students receive a results-oriented education that links current management theory with practice. FSBM graduates will have a firm understanding of the core areas of business and the ability to respond to organizational problems and opportunities from a total enterprise perspective. The BBA curriculum provides students an opportunity to integrate their academic and professional development activities through our Professional Development Strategy course and through the FSBM student professional organizations.

SPECIAL FACILITIES AND PROGRAMS

Center for Student Professional Development (CSPD)

www.fox.temple.edu/cspd/
 Professional development and experience are essential ingredients for all business students. The Center for Student Professional Development (CSPD) works with area employers to promote opportunities for business professionals to interact with students in the Fox School. In addition, the CSPD works with students to assist them in:

- Defining success
- Identifying areas of career opportunity that fit their goals and aspirations

- Developing a package that will effectively market their skills
- Enhancing their academic exposure by learning what it takes to “hit the ground running” in today’s competitive global economy

Being successful requires a balance of good academic performance, an understanding of the markets and industry expectations and experience gained through active involvement in Student Professional Organizations. In addition, the CSPD staff teaches Business Administration 0100, a course designed to help students develop the basic professional tools that they will need to find internships and permanent jobs.

Internship and Co-op Programs

The Center for Student Professional Development and Student Professional Organizations works in partnership with employers to connect students with a wide variety of internship positions, both full- and part-time. For more information on internship opportunities, please contact the student professional organization for your major or the Center for Student Professional Development at 215-204-2371.

In addition to the Fox School’s Internship Program, the University also offers co-op opportunities through its Cooperative Education Office located in Career Development Services. For more information about the University’s Co-op Program, and the requirements necessary to participate in the program, please call the Co-op Office at 215-204-7981 or www.temple.edu/careerdevel

Honors Program

The Fox School of Business and Management offers a stimulating Honors Program for students who demonstrate exceptional ability and achievement in their studies. High school students with SAT scores of at least 1250 and rank in the top 15% of their class and college students with at least a 3.60 grade point average are encouraged to apply. The program consists of a Lower-Division laptop component and an Upper-Division component. Students earn an Honors Certificate upon completion of each. Students who enter Temple University as freshmen are also invited to join the University Honors Program. For more information on this program please visit the Web site at www.fox.temple.edu/honors.

Students admitted to the Honors Program may apply to join the Research Scholars program. Research Scholars work with faculty mentors on research projects in their chosen field. The research culminates in a senior thesis that students present during the spring

of their senior year. Special scholarships are available for Research Scholars.

Students who enter the FSBM Honors Program are expected to join the Business Honors Student Association as well as the student organization in their major. For more information about the FSBM Honors Program and the Research Scholars Program, please contact Dr. Michael Leeds, Director, FSBM Honors Program, 106E Speakman Hall, 215-204-8030 or visit the Web site at www.fox.temple.edu/honors/

Learning Communities

All freshmen in the Fox School of Business and Management are part of a learning community. Courses within the community typically include the “Introduction to Business Seminar” (BA 0050), “Law in Society” (Law C001) and “Computer and Applications” (CIS C055); classes which are scheduled in a block and may be taken together by students as a group. Temple University Learning Communities are designed to help orient students to Temple University and will help students make friends and build a network for academic and social support. See that section of the *Bulletin* or the Web site: www.temple.edu/LC/.

HONORARY SOCIETIES, AWARDS, AND STUDENT ASSOCIATIONS

Beta Gamma Sigma: The Gamma Chapter of Beta Gamma Sigma, the national honorary business fraternity, was installed in the Fox School of Business and Management in March 1935. Membership is limited to seniors who are in the upper 10 percent of their class and juniors in the upper 7 percent of their class. The members of Beta Gamma Sigma are elected on the basis of high scholarship. Eligible students will be notified by mail in March and invited to attend a special induction ceremony in April. Please contact David Kaiser at 215-283-1674 for more information.

Beta Alpha Psi: This national honorary fraternity was established for students of accountancy, finance, and information systems. For more information please contact the officers of Beta Alpha Psi at 215-204-8889, www.temple.edu/bap.

Delta Sigma Pi: This business fraternity selects men and women business students who seek to enhance their classroom education through association with other students in their field. Prospective members receive an invitation to join and complete an orientation program. For more information please contact the DSP officers at 215-204-2026 or Dr. Dunkelberg at 215-204-6810.

Financial Management

Association/National Honor Society:

This national honorary society strives to provide opportunities to enhance the professional development of their members. For more information contact the FMA executive officers at 215-204-6673, www.fox.temple.edu/~fma.

Gamma Iota Sigma: This is an international Risk Management, Insurance, and Actuarial Science fraternity. The purpose of the Sigma Chapter of Gamma Iota Sigma is to encourage, establish, and enhance the professionalism of students in the Risk Management, Healthcare Risk Management, and Actuarial Science programs. Contact Dr. R.B Drennan in the Risk, Insurance, and Healthcare Management Department at 215-204-8894 or the GIS Officers at 215-204-9368.

Omicron Delta Epsilon: This is a national honor society for students interested in Economics and whose GPAs are at least 3.0. For more information contact the ODE officers at 215-204-8180, <http://fox.temple.edu/~ode>.

Student Organizations

www.fox.temple.edu/org/

As part of the student's overall professional development, all FSBM students are strongly encouraged to participate in student organizations, professional associations, and academic fraternities. All major areas of concentration in the undergraduate curriculum have an associated organization. Freshmen and sophomores can utilize the organizations to find out more about the major fields of studies available to them. The student organizations provide an opportunity for students to meet one another outside the classroom as well as to meet practicing professionals from industry and government. Many organizations have an array of social activities that range from fundraising and community service projects to evening gatherings.

The Fox School of Business and Management has the following student professional organizations: Accounting Professional Society, Association of Computing Machinery, American Marketing Association, Banking and Finance Club (Ambler), Beta Alpha Psi, Business Honors Student Association, Delta Sigma Pi, E-Business Association, Entrepreneurial Student Association/SIFE, Financial Management Association/National Honor Society, Fox Intelligent Investors Club, Gamma Iota Sigma, International Business Association, Lambda Alpha International, National Association for

Black Accountants, Omicron Delta Epsilon, Phi Alpha Delta Pre-Law Fraternity, Phi Beta Lambda Business Fraternity, the Society for Human Resource Management, the Temple Ambler Business Society, Toastmasters, and Upsilon Pi Epsilon.

Please contact Katie Gerst at 215-204-8715 for more information about student organizations on the Main Campus. At the Ambler Campus, please call David Kaiser at 215-283-1674.

Fox School of Business and Management College Council (FSBMCC)

The College Council is comprised of the presidents from each of the recognized FSBM student organizations, associations, and fraternities. The Council's role is to assist the individual student organizations in recruiting members, obtaining funding, sponsoring activities, identifying outside speakers, and communicating with students. The College Council sponsors volunteer opportunities, student organization fairs, Spring Fling activities, and social events for all FSBM students. The Council also works closely with the Dean's Office and the Center for Student Professional Development to identify issues that are of concern to students and the student organizations. To contact the Main Campus College Council, please call 215-204-6660. At the Ambler Campus, please call 215-283-1674.

Office of Undergraduate Student Services

The Office of Undergraduate Student Services provides services at three campuses: Main, Ambler, and TUCC. The Main Campus and Ambler offices are open every weekday and may be open selected evenings. The Center City office is open on selected days and evenings. Please see our web site for current office hours and staff: www.fox.temple.edu/advising

Students are expected to know University Policies and their program requirements as defined in this *Bulletin* and on their DARS report: www.owl.net.temple.edu. Advisors will help students with program questions and will provide information to help students define their academic goals and plan the academic course sequence to meet these goals. They may also refer students to additional academic resources and University support services as needed.

Office of the Ombudsperson

The Fox School of Business and Management Ombudsperson will assist students in resolving problems that might arise from the classroom, acting

as mediator between faculty and students when problems arise. Please contact the Office of Undergraduate Student Services at 215-204-4560 for further information about the Ombudsperson and grievance procedures.

ACADEMIC ADVISING

Students are asked to visit the Fox Web site for more information on advising. <http://www.fox.temple.edu/>

ACADEMIC POLICIES AND REGULATIONS

The University policies and regulations apply to all undergraduate students and provide a framework within which schools and colleges may specify further conditions or variations appropriate to students in their courses or programs. Policies specific to FSBM are as follows.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Anticipation of Graduation

Students must submit an application for graduation along with the receipt for payment of graduation fees to their campus of record prior to the Continuing Student Registration period for their final semester. Graduation application deadlines and current graduation applications are available from the advising Web site at www.fox.temple.edu/advising.

A graduation review will be completed and students will receive written confirmation of their remaining requirements. It is extremely important for graduating seniors to register as soon as they become eligible within Continuing Student registration. Senior level and capstone classes close quickly and there is no guarantee that seats will be available in all of the needed classes to graduate in any given semester. Some courses are not offered every semester or in the summer sessions. Please check current course descriptions for expected delivery.

Course Eligibility

To be eligible to enroll in courses numbered 0100 or higher, a matriculated FSBM student must: have completed at least 57 semester hours of college course work in courses including:

- Accounting 0001, 0002,
- Computer and Information Sciences C055,
- Economics C051, C052,
- Risk Management and Insurance 0001,
- Law and Business C001,
- Statistics C011, C012, C021, 0022,
- Marketing 0081
- HRM 0083 and have met any specific course prerequisites.

Courses Inapplicable to Graduation Requirements

Semester hours earned in SRAP or ELECT, Mathematics 0015 (formerly Mathematics 0001), and lower division (less than 0100) Military Science courses do not yield academic credit toward the minimum total of 123.

Dean's List (Scholastic Distinction List)

Undergraduate students who achieve a semester GPA of 3.5 or above with a completed semester load of 12 or more credits are selected for the Dean's List, which is posted on official bulletin boards in Speakman Hall and West Hall. Any MG's, NR's, or I's must be completed within two weeks after the semester ends to be eligible for the Dean's list for that semester.

Dean's List for Part-time Students

Matriculated undergraduate students who have earned at least 12 credit hours across an academic year (fall and spring semesters) with semester grade point averages of 3.5 or above in each semester are eligible to be considered for Dean's List recognition for that academic year. Any MG's, NR's, or I's must be completed within two weeks after the semester ends to be eligible for the Dean's list for that semester.

Probation and Drop

Students in the Fox School of Business and Management are bound by the University policy on Academic Warning, Probation and Dismissal. The University policy can be found at: http://policies.temple.edu/getdoc.asp?policy_no=02.10.11

Grade Point Average Requirement for Graduation

FSBM students are required to attain a 2.3 (2.3 = C+) average in all of their Temple course work and in their major in order to graduate from the Fox School of Business and Management. Some courses may have specific higher minimum grade requirements for degree applicability. Please check current course descriptions and the section pertaining to your major for this information. Major GPA calculators are available at www.fox.temple.edu/advising

Life Experience

The Fox School of Business and Management does not offer credits for life experiences. Please see Non-Traditional Credit under the Academic Policies and Regulations section of this *Bulletin* for information about advanced placement or CLEP examinations.

Readmission

Students who have not enrolled for two consecutive semesters must apply for readmission to the Fox School.

Deadlines for completed readmission applications are July 1 for fall, November 1 for spring, and April 1 for summer. Any existing holds must be cleared prior to readmission and official transcripts provided for any college level courses completed after leaving Temple University. Please note that students who have been absent from Temple for five or more years will be required to meet current program requirements, and upper level business credits (courses 0100 and higher) earned previously may no longer apply toward the degree. See the **Academic Policies section of this Bulletin**.

Residence Requirement

A minimum of 30 of the last 45 semester hours, including the majority of the requirements of a major, must be completed in the Fox School of Business and Management at Temple University in order to receive a degree. In addition, a minimum of 50 percent of the business courses must be completed at Temple University. (See the **Academic Policies Section of the Bulletin** www.temple.edu/bulletin/policies_part1.htm#acad_res_reg.)

Transfer Credits

Business courses taken at colleges or universities which are not members of The Association to Advance Collegiate Schools of Business (AACSB) will be accepted for transfer business credits only if they are equivalent to Business Administration 0050, Economics C051, C052, Accounting 0001, 0002, Computer and Information Sciences C055, 0010, Risk Management and Insurance 0001, Law C001, Law 0101, Statistics C011, C012, C021, 0022, Marketing 0081 and HRM (formerly HRA) 0083 will be accepted for transfer if they were taken during the fall 1994 semester or later. HRM 0085 will be accepted for transfer if taken during the spring 2005 semester or later. Specific articulation agreements with local colleges may expand on this list. Current articulation agreements can be viewed at www.fox.temple.edu/transfer/index.htm

Additional business credits are accepted from colleges that are members of the AACSB. It should be understood that it is possible for a student to transfer in a large number of credits, which, while accepted by the University, may exceed the maximum number of elective credits applicable to the degree.

Permission to take Courses at Another Institution

Consistent with the University Policy www.temple.edu/bulletin/policies/policies_part4.htm#another_inst students will not receive transfer credit for courses taken at another institution while they are

matriculated at Temple University unless prior permission has been obtained. Permission forms are available in the Fox School advising offices. Please refer to above section on transfer credits. Deadlines for submission of permission forms and documentation are April 15 for first summer sessions and June 1 for second summer sessions. See the **Academic Policies section of this Bulletin**.

Non-matriculated Student Policy

Students not formally admitted to Temple University may take undergraduate courses numbered between 0001 and 0099 in the Fox School of Business and Management. Undergraduate courses numbered above 0100 are open to visiting students who have completed a minimum of 60 credits, have met course prerequisites and have written permission from their home institution. Students who have a baccalaureate degree and the prerequisites for the course desired may also enroll in advanced courses.

COLLEGE GRADUATION REQUIREMENTS

The degree of Bachelor of Business Administration (BBA) may be conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 123 semester hours of credit with a minimum cumulative GPA of 2.3 overall and in the major. A minimum of 123 credit hours will be earned in the following four requirement categories:

- I. University Core Requirements
- II. Fox School of Business lower and upper division Requirements
- III. Major Requirements
- IV. Electives

Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

II. Lower Division Foundation Requirements

Business courses

Department	Course #	Course Name	Hours	RCI
Business Administration	0050	Introduction to Business Seminar	2	
Accounting	0001	Principles of Accounting I	3	
Accounting	0002	Principles of Accounting II	3	
Human Resource Management	0083	Organization and Management	3	
Law and Business	C001	Law in Society	3	IN
Marketing	0081	Introduction to Marketing	3	
Risk Management and Insurance	0001	Introduction to Risk Management	3	
SubTotal			20	

Non-Business courses

Computer and Information Sciences	C055	Computers and Applications	4	SB
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
Strategic and Organizational Communication	0065	Public Speaking	3	
Statistics ¹	C011	Basic Quantitative Foundations for Business and Economics I	3	QA
Statistics	C012	Basic Quantitative Foundations for Business and Economics II	3	QB
Statistics	C021	Statistical Methods and Concepts	3	QB
Statistics	0022	Selected Statistical Topics	3	
SubTotal			25	

¹Higher level QA and QB courses may be recommended depending on the mathematics placement score or the student's intended major. Actuarial Science majors should refer to the math courses listed under the Actuarial Science major description.

Note: In order to graduate, a grade of C- or better must be obtained in all FSBM lower division requirements.

III. Upper Division Foundation Requirements (Limited to Juniors and Seniors)

Business Courses

Department	Course #	Course Name	Hours	RCI
Business Administration	0100	Professional Development Strategies	1	
Business Administration	0215	Business, Society and Ethics	3	
Finance	0101	Introduction to Financial Markets	3	
Finance	0103	Principles of Financial Management	3	
Management Science/Operations Management	0105	Operations Management	3	
Business Administration	W361	Business Policies (graduating seniors only)	3	WI
SubTotal			16	

Note: Freshmen admitted Fall 2003 and transfer students admitted Fall 2005 or after are required to take BA 0215.

IV. Major Requirements

Thirteen business courses (36 s.h.) and eight non-business courses (25 s.h.) are required as part of the lower and upper-division foundation requirements for the BBA program. In addition, a minimum of nine business courses must be completed in the major, which is comprised of 1) required major courses, 2) one information technology course, 3) an international course, 4) one 200+ Economics course, 5) and business electives.

NOTE: Many upper-division foundation courses and major courses have prerequisites. Some of these prerequisites also include grade requirements. The School reserves the right to de-enroll students from courses when prerequisites have not been met. Prerequisites will be strictly enforced. The majority of the major course work, as well as all prerequisites, must be completed prior to taking the capstone course for the major. Students not meeting the requirements for the courses they enroll in may be de-enrolled from those courses. You can review course descriptions at www.temple.edu/bulletin/Academic_programs/chart_degrees/chart_program/chart.shtm

Electives

Free electives: Students who have satisfied all of the requirements listed above may need to take additional credits to achieve the 123 credit minimum required for graduation. These credits may be taken in either business or non-business courses.

BUSINESS MINOR

Many Temple University undergraduates are currently taking selected business courses to better prepare themselves for their careers after graduation. The Fox School of Business and Management offers two eight courses (24 s.h.) Business School minors to allow students in other schools and colleges of the University a chance to better prepare themselves for work in a profit or non-profit organization. The Business minor will also facilitate the transition into an MBA program for undergraduate non-business majors. The General Business Studies Minor is aimed at students who are seeking a more general understanding of business knowledge and who are not interested in attending an MBA program in the future. After the student completes the requirements for either minor, that minor will be recorded on the student's official University transcript upon graduation.

Academic Requirements for Business Minor

Students pursuing a business minor must meet the following requirements:

- A C- in each course
- A 2.3 overall GPA for courses in the business minor
- A minimum of five of the eight required business minor courses must be completed at Temple.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Courses

Macro and Microeconomics – Economics C051* and C052*

Statistical Analysis – Statistics C021** or its equivalent

Principles of Accounting I – Accounting 0001

Principles of Accounting II – Accounting 0002

Introduction to Marketing – Marketing 0081

Organization and Management – HRM 0083

Introduction to Risk Management – RMI 0001

* Meets University Core Curriculum requirement for Individual and Society.

** Meets University Core Curriculum requirements for Quantitative Reasoning, Level B

Declaration of Business Minor

Students who are interested in pursuing a business minor should speak to their advisor in the school or college in which they are pursuing their degree. Students should contact the Fox School of Business advising office to formally declare the business minor. For more information, www.fox.temple.edu/advising/minor.html

General Business Studies Minor

Students pursuing the General Business Studies Minor must meet the following requirements:

- A 2.0 overall GPA for courses in the General Business Studies Minor
- A minimum of five of the eight required business courses must be completed at Temple University.
- Declaration of intentions to do this minor within the first six credit hours of course work towards the minor.

Courses

Macroeconomics – Economics C051

Principles of Accounting I – Accounting 0001

Organization and Management – HRM 0083

Introduction to Marketing – Marketing 0081

Four additional business electives from a designated list of courses.

* For a complete list of possible electives, please stop by Speakman 101 or review the requirements at www.fox.temple.edu/advising/minor

Declaration of the General Business Studies Minor

Students who are interested in pursuing the General Business Studies Minor should speak to their advisor in the school or college in which they are pursuing their degree. Students must contact the Fox School of Business advising office to formally declare the General Business Studies Minor within the first six credit hours of course work completed towards this minor.

Minors in Specific Business Disciplines

The Fox School of Business and Management also offers opportunities for students to select minors in addition to the majors. The following minors are available to students who complete the Business Minor. Some of these minors may also be available to students completing the General Business Studies Minor. For specific information, please see a Fox School advisor in Speakman Hall room 106:

- Accounting
- Economics
- E-Marketing
- Entrepreneurship

- Healthcare Management
- Healthcare Risk Management
- Management Information Systems
- Statistics Statistics (for Honors students or with the permission of the Statistics Department)

Please contact the FSBM Advising Office for more information on the minors or check the Web site at www.fox.temple.edu/advising/. Students in other schools and colleges may be allowed to take minors in the Fox School of Business and Management, if they have completed one of the business minors. The Healthcare Management minor does not require either of the business minors as a prerequisite. Students in the School of Tourism and Hospitality Management are approved to take the Management Information Systems minor without the business minors. All other students should contact the MIS Department directly at 215-204-3054 to determine if one of the business minors is required.

PROGRAM DESCRIPTIONS

ACCOUNTING

David H. Ryan, Chair

Office: Speakman Hall 310

215-204-8131

david.ryan@temple.edu

www.fox.temple.edu/dept/accounting

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The program provides the student with a broad general education and intensive study within the major as preparation for professional careers in public accounting, industry, consulting, government, and not-for-profit institutions.

The curriculum in accounting is designed to acquaint the student with the conceptual framework and theory of accounting, transactional analysis, asset management, liabilities, owners' equity, and financial reporting. Cost analysis and control, accounting information systems, taxation, consolidated financial statements, and foreign operations also are covered, along with auditing techniques and an understanding of the ethical and performance standards of the profession.

There are three professional student organizations available for accounting majors: Beta Alpha Psi (BAP – National Honorary Fraternity), the Accounting Professional Society (APS), and the National Association of Black Accountants (NABA).

Summary of Requirements

Accounting students must attain a 2.3 GPA in the major and a 2.3 cumulative GPA in order to graduate. Use the major GPA calculator at www.fox.temple.edu/advising to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Accounting Major

Required courses

Department	Course #	Course Name	Hours	RCI
Accounting	0011	Intermediate Accounting I	3	
Accounting	0012	Intermediate Accounting II	3	
Accounting	0121	Cost Accounting	3	
Accounting	W123	Auditing	3	WI
Accounting	0126 ¹	Accounting Information Systems	3	
Accounting	0131	Federal Taxes on Income	3	
Accounting	0233	Advanced Accounting	3	
Accounting	W300	Senior Seminar in Accounting	3	WT*
Law and Business	0110	Business Law for Accountants	3	
Select one economics course from either:				
Economics ²	0250	International Trade	3	
or				
Economics ²	0251	International Monetary Economics	3	
SubTotal			30	

¹ Accounting 0126 meets the Technology requirement for the Accounting major.

² Economics 0250 or 0251 will meet the 200 level Economics requirement as well as the International Business requirement for Accounting student.

ACTUARIAL SCIENCE

Department of Risk, Insurance & Healthcare Management

Bonnie Averbach, Associate Professor, Program Director

Office: Ritter Annex 475, 215-204-8153

bonnie.averbach@temple.edu

www.fox.temple.edu/actuary

Krupa S. Viswanathan, Assistant Professor

Office: Ritter Annex 471, 215-204-6183

krupa.viswanathan@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Actuaries are highly educated business executives who specialize in the evaluation of insurance and financial risks. They hold positions of responsibility with insurance companies, consulting firms, investment banks, self-insurers, government regulators, and government insurance programs. Because of their valuable talents and expertise, actuaries are generally well compensated and often rise to the highest levels of management. While undergraduates, students prepare for and take some of the professional examinations given by the Society of Actuaries and the Casualty Actuarial Society. These examinations cover topics such as calculus and linear algebra, mathematical probability and statistics, compound interest theory, life contingencies, risk management and insurance, accounting, economics, finance, and law.

Students should meet with the Program Director as soon as they enter the Actuarial Science program. In addition to their course work and professional examinations, students are strongly encouraged to become active in the Sigma chapter of Gamma Iota Sigma, Temple's national award-winning professional student organization in Risk Management, Insurance, and Actuarial Science. The organization hosts numerous guest speakers from the industry, sponsors a variety of career development seminars, and maintains a widely distributed resume book. For more information, please contact Dan Dotzert, the GIS President, at (215) 204-9368, or visit the Web site at www.temple.edu/gis.

Summary of Requirements

As part of the requirements for each major course, Actuarial Science students must attend problem-solving sessions held outside of class time. Students are required to sit for the Society of Actuaries/Casualty Actuarial Society Exam P/Exam I immediately after taking Actuarial Science 0061. The academic record of students will be examined after the spring semester of their sophomore year to determine their eligibility to remain in the actuarial science major. This decision will be based on GPA, course work completed, exams passed, and participation in Gamma Iota Sigma. Students must attain a 2.3 cumulative GPA and 2.3 in the major to graduate with the actuarial science major. Use the major GPA calculator at <http://www.fox.temple.edu/advising> to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Actuarial Science Major

Required courses

Department	Course #	Course Name	Hours	RCI
Actuarial Science	0001	Introduction to Actuarial Science	3	
Actuarial Science	0061	Basic Actuarial Mathematics	3	
Actuarial Science	0101	Theory of Interest	3	
Actuarial Science	W218	Casualty Contingencies	3	WI
Actuarial Science	0305	Actuarial Modeling I	3	
Actuarial Science	0306	Actuarial Modeling II	3	
Statistics	0351 ²	Intermediate Business Statistics	3	
International course – select one			3	
Economics	0250	International Trade		
Economics	0251	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Economics	0394 ²	Special Topics for Actuarial Science majors	3	
SubTotal			27	

¹ Satisfies the technology requirement for the major.

² This class satisfies the 200 level Economics requirement for the major.

Non-Business Required courses

Department	Course #	Course Name	Hours	RCI
Math	C085	Calculus I ¹	4	SA
Math	C086	Calculus II	4	SB
Math	0127	Calculus III	4	
Actuarial Science	0262 ²	Actuarial Probability and Statistics ²	3	
Statistics	0212	Intermediate Statistics ²	3	
Math	0333	Introduction to Probability Models	3	
SubTotal			21	

¹ Math C085 and C086 replace the Statistics 0011 & 0012 requirements listed for Fox School of Business and Management course requirements.

² Actuarial Science 0262 and Statistics 0212 replace the Statistics 21 & 22 requirements listed for Fox School of Business and Management course requirements



BUSINESS MANAGEMENT

The Business Management curriculum is designed for students who wish to follow a broad and general curriculum. The program allows students to select a specific concentration with a minimum of three courses selected from a menu provided by the department. Concentrations are available in: Economics, Employment Benefits; Healthcare Management, Law and Business, Marketing, and Property Liability. Contact the department in which you would like to concentrate.

Students are encouraged to join the student professional organization for the majors represented by their concentration. Please contact the College Council President at 215-204-6660 at the Main Campus or 215-283-1674 at the Ambler Campus for a list of these organizations.

Summary of Requirements

Business Management students must attain a 2.3 GPA in the major and a 2.3 cumulative GPA in order to graduate. Use the major GPA calculator at www.fox.temple.edu/advising to calculate the GPA in the major. Students in this major cannot complete a second major in the Fox School of Business and Management.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Business Management/Economics Major

Required courses

Department	Course #	Course Name	Hours	RCI
Human Resource courses – <i>select two:</i>			6	
HRM	0315	Power, Influence, and Negotiation		
HRM	0320	Managing People at Work		
HRM	0330	Communicating in Organizations		
Intermediate Economic Theory – <i>select one:</i>			3	
Economics	0201	Intermediate Microeconomic Analysis		
Economics	0202	Intermediate Macroeconomic Analysis		
Economics elective – <i>select one 200 level</i>			3	
Economics		Economics elective, excluding 0288, 0289		
<i>Writing Capstone – select one economics writing intensive course:</i>			3	
Economics	W255	Energy, Ecology, and Economy		WI
Economics	W262	Health Economics		WI
Economics	W302	Economics Writing Seminar		WI
MIS	0100 ¹	Principles of Information Systems	3	
International course – <i>select one:</i>			3	
Economics	0250 ²	International Trade		
Economics	0251 ²	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Business Electives		<i>select one to two electives from business departments 0100 - 0399</i>	3-6	
Economics ²		Any 200 level Economics courses, excluding Economics 0288 and 0289	0-3	
SubTotal			27	

¹ Satisfies technology requirement for the major

² If Economics 0250 or 0251 is chosen to satisfy the International requirement, you will also have satisfied the 200 level Economics requirement. You will need to take an additional business elective to complete the major.

Requirements of Business Management/Employment Benefits Major

Required courses

Department	Course #	Course Name	Hours	RCI
Human Resource courses – <i>select two:</i>			6	
HRM	0315	Power, Influence, and Negotiation		
HRM	0320	Managing People at Work		
HRM	0330	Communicating in Organizations		
Risk Mgt & Ins	0205	Life and Health Ins & Employee Benefits	3	
Risk Mgt & Ins	0325	Retirement Plans	3	
Risk Mgt & Ins	W355	Advanced Topics in Health & Welfare Employee Benefits	3	WI
MIS	0100 ¹	Principles of Information Systems	3	
International course – <i>select one:</i>			3	
Economics	0250 ²	International Trade		
Economics	0251 ²	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Business Electives		<i>select one to two electives from business departments 0100 - 0399</i>	3-6	
Economics ²		Any 200 level Economics courses, excluding Economics 0288 and 0289.	0-3	
SubTotal			27	

¹ Satisfies technology requirement for the major

² If Economics 0250 or 0251 is chosen to satisfy the International requirement, you will also have satisfied the 200 level Economics requirement. You will need to take an additional business elective to complete the major.

Requirements of Business Management/Finance Major

Required courses

Department	Course #	Course Name	Hours	RCI
Human Resource courses – <i>select two:</i>			6	
HRM	0315	Power, Influence, and Negotiation		
HRM	0320	Managing People at Work		
HRM	0330	Communicating in Organizations		
Accounting	0011	Intermediate Accounting I	3	
Finance	0211	Corporate Finance	3	
Technology course/Writing Capstone Senior			3	WI
Finance	W350	Seminar in Financial Management		
Finance elective – <i>select one:</i>			0-3	
Finance	0212	Advanced Corporate Finance		
Finance	0213	Management of Financial Institutions		
Finance	0215	Portfolio Theory		
Finance	0218	Derivatives and Financial Risk Mgmt		
Finance	0223	Investments		
Finance	0227	Money and Fixed Income Markets		
Finance	0240	Real Estate Investment and Finance		
Finance	0250 ¹	International Financial Markets		
Finance	0251 ¹	International Financial Management		
International course – <i>select one:</i>			3	
Economics	0250 ²	International Trade		
Economics	0251 ²	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
BA	0215 ³	Business Society and Ethics	0-3	
Business Electives		<i>select one to two electives from business departments 0100 - 0399</i>	3-6	
Economics ²		Any 200 level Economics courses, excluding Economics 0288 and 0289.	0-3	
SubTotal			30	

¹ If either Finance 0250 or 0251 are chosen to fulfill the Finance elective, it will also satisfy the International Requirement. You will need to take an additional business elective.

² If Economics 0250 or 0251 is chosen to fulfill the International requirement, it will also satisfy the 200 level Economics requirement. You will need to take an additional business elective.

³ Transfer students admitted prior to Fall 2005 are not required to take the BA 0215 course, although it is highly recommended. If you do not take this course, you will need to take an additional business elective.

Requirements of Business Management/Healthcare Management

Required courses

Department	Course #	Course Name	Hours	RCI
Human Resource courses – <i>select two:</i>			6	
HRM	0315	Power, Influence, and Negotiation		
HRM	0320	Managing People at Work		
HRM	0330	Communicating in Organizations		
Healthcare Mgmt	0101	Introduction to Healthcare Mgmt	3	
Healthcare Mgmt	0201	Healthcare Financing and Information Technology	3	
Healthcare Mgmt	W301	Integrated Delivery Systems and Managed Care	3	WI
MIS	0100	Principles of Information Systems	3	
International course – <i>select one:</i>			3	
Economics	0250 ¹	International Trade		
Economics	0251 ¹	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Business Electives	<i>select one to two</i> electives from business departments 0100 – 0399		3-6	
Economics	Any 200 level Economics courses, excluding Economics 0288 and 0289.		0-3	
SubTotal			27	

¹ If Economics 0250 or 0251 is chosen to fulfill the International requirement, it will also satisfy the 200 level Economics requirement. You will need to take an additional business elective.

Requirements of Business Management/Law and Business Major

Required courses

Department	Course #	Course Name	Hours	RCI
Human Resource courses – <i>select two:</i>			6	
HRM	0315	Power, Influence, and Negotiation		
HRM	0320	Managing People at Work		
HRM	0330	Communicating in Organizations		
<i>Select two:</i>			6	
Law and Business	0101	Law of Contracts		
Law and Business	0103	Law for Entrepreneurs		
Law and Business	0104	The Consumer and the Law		
Law and Business	0105	Sports and the Law		
Law and Business	0106	International Law		
Law and Business	0107	Constitutional Law		
Law and Business	0108	Law, Technology and E-Commerce		
Law and Business	W109	Law and Ethics in Business		
Law and Business	0110	Business Law for Accountants		
Law and Business	0111	The Litigation Process		
Law and Business	W112	Legal Research, Writing and Advocacy	3	WI
MIS	0070	Principles of Information Systems	3	
International course – <i>select one:</i>			0-3	
Economics	0250 ¹	International Trade		
Economics	0251 ¹	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Business Electives	<i>select one to two</i> electives from business departments 0100 - 0399		3-6	
Economics ²	Any 200 level Economics courses, excluding Economics 0288 and 0289.		0-3	
SubTotal			27	

¹ If Economics 0250 or 0251 is taken it will satisfy the International requirement, it will also satisfy the 200 level Economics requirement. You will need to take two business electives.

² If Law and Business 0106 is taken it will satisfy one law elective and the International requirement, an additional business elective must then be taken.

Requirements of Business Management/Marketing Major

Required courses

Department	Course #	Course Name	Hours	RCI
Human Resource courses – <i>select two:</i>			6	
HRM	0315	Power, Influence, and Negotiation		
HRM	0320	Managing People at Work		
HRM	0330	Communicating in Organizations		
Marketing	W160	Consumer and Buyer Behavior	3	WI
Marketing	<i>select two</i> electives in marketing 0100-0399, excluding W360		6	
MIS	0070 ¹	Principles of Information Systems	3	
International course – <i>select one:</i>			0-3	
Economics	0250 ²	International Trade		
Economics	0251 ²	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250 ³	International Marketing		
Business Electives	<i>select one to two</i> electives from business departments 0100 - 0399		3-6	
Economics ²	Any 200 level Economics courses, excluding Economics 0288 and 0289.		0-3	
SubTotal			27	

¹ Satisfies technology requirement for the major

² If Economics 0250 or 0251 is chosen to satisfy the International requirement, you will also have satisfied the 200 level Economics requirement, and you will need to take an additional business elective.

³ If Marketing 0250 is chosen to satisfy a Marketing elective course, it will also satisfy the International requirement, and you will need to take an additional business elective to complete the major.

Requirements of Business Management/Property Liability Major

Required courses

Department	Course #	Course Name	Hours	RCI
Human Resource courses – <i>select two:</i>			6	
HRM	0315	Power, Influence, and Negotiation		
HRM	0320	Managing People at Work		
HRM	0330	Communicating in Organizations		
Risk Mgt & Ins	0209	Property and Liability Insurance Coverage	3	
Risk Mgt & Ins	0329	Property and Liability Insurance Operations	3	
Risk Mgt & Ins	W359	Global Corporate Risk Management	3	WI
MIS	0070 ¹	Principles of Information Systems	3	
International course – <i>select one:</i>			3	
Economics	0250 ²	International Trade		
Economics	0251 ²	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Business Electives	<i>select one to two</i> electives from business departments 0100 - 0399		3-6	
Economics ²	Any 200 level Economics courses, excluding Economics 0288 and 0289.		0-3	
SubTotal			27	

¹ Satisfies technology requirement for the major

² If Economics 0250 or 0251 is chosen to satisfy the International requirement, you will also have satisfied the 200 level Economics requirement. You will need to take an additional business elective to complete the major.

ECONOMICS

Dr. William Stull, Chair
 Dr. William Holmes, Advisor
 Office: Ritter Annex 804
 215-204-8175

William.holmes@temple.edu
www.sbm.temple.edu/dept/economics

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Economics is the study of how we allocate resources among alternative uses to satisfy our wants. Virtually all of the public and personal issues, which confront us today, have an important economic component. For this reason, the economic way of thinking plays a valuable role in helping us make sense of the complex world in which we live. In addition, the study of economics is excellent preparation for a wide range of careers. Economics majors with bachelor's degrees are well prepared to be managers in both the public and private sectors. Training in economics also provides a solid basis for professional study in law, business, public administration, and the health sciences.

The Temple Economics Society is the student professional organization for economics majors, and is open to all students interested in economics. Economics majors may also become members of Omicron Delta Epsilon (ODE), the National Honor Society, if they meet the admissions requirements of the organization. For more information, please contact Dr. William Holmes at william.holmes@temple.edu or phone 215-204-8175

Summary of Requirements

In addition to completing the three economics courses required of all students in the Fox School of Business and Management (C051, C052, and one upper-division course other than 0288), majors in economics must fulfill the additional requirements listed below. Students must attain at least a 2.3 GPA in their major and overall in order to graduate. Use the major GPA calculator at <http://www.fox.temple.edu/advising> to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Economics Major

Required courses

Department	Course #	Course Name	Hours	RCI
Economics	0201	Intermediate Microeconomic Analysis	3	
Economics	0202	Intermediate Macroeconomic Analysis	3	
Select one:			3	WI
Economics	W302	Economics Writing Seminar		
Economics	W255	Energy, Ecology, and Economy		
Economics	W262	Health Economics		
Electives in economics at the 0200 level or above - select two:				
Economics	0200+	Excluding Economics 0288 – Co-op Experience)	6	
Select either:				
Accounting	0126	Accounting Information Systems	0-3	
or				
Economics ¹	0283	Computer-Based Modeling	0-3	
International course – select one:			3	
Economics	0250 ²	International Trade		
Economics	0251 ²	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Economics ³		Any 200 level Economics courses, excluding Economics 0288 and 0289.	3	
Business Electives		select one to three ⁴ from business departments 0100-0399	3-9	
SubTotal			27	

¹ Acct 126 and Econ 283 will fill the technology requirement for the Economics major. Economics 283 will also fill one of the two electives in Economics.

² If Economics 0250 or 0251 is chosen to satisfy the International requirement, you will also have satisfied one of the 200 level Economics elective requirements, and you will need to take an additional business elective.

³ This course meets the required Economics 200+ requirement that is part of the Fox School Business core.

⁴ The number of business electives required depends on what courses are chosen to satisfy the technology and international areas.

E-MARKETING

Richard Lancioni, Chair
 Office: SP 344
 215-204-8885

Richard.Lancioni@temple.edu
www.fox.temple.edu/~rlancion/

Michael F. Smith, Undergraduate Faculty Advisor
 Office: Speakman 356
 215-204-1682

michaelf@temple.edu
www.fox.temple.edu/~msmith

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

In light of the exponential growth of eCommerce in the business-to-business, business-to-consumer, consumer-to-consumer and consumer-to-business sectors, The Fox School of Business and Management has approved a new major in the BBA program in the area of electronic marketing called eMarketing. The purpose of this major is to provide students with a unique program of study, which provides a solid background in the tools and functional areas necessary to succeed in a 21st-century era and which places increasing emphasis on integrating technology with business management.

E-Marketing majors have career choices in several fields including:

- Promotion (Internet and web site management, Direct Marketing, Advertising, Special Promotions)
- Technology integration in Marketing Management
- Sales and Sales Management
- International Marketing
- Marketing Research
- Supply Chain Management
- Retailing Management
- Careers in local, state, and federal governments, and
- Non-profit organizations such as hospitals and universities.

E-Marketing majors are encouraged to become involved in the American Marketing Association. This student professional organization offers students the opportunity to meet business leaders in marketing; the group also hosts regular meetings and career development programs. The American Marketing Association is open to all E-Marketing majors. For more information, please contact Dr. Michael Smith at michaelf.smith@temple.edu, (215-204-1682).

Summary of Requirements

Students must attain an overall GPA of 2.3 or higher to become an E-Marketing major, and must maintain a 2.3 GPA overall and in the major to graduate as an eMarketing major. Use the major GPA calculator at www.fox.temple.edu/advising to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of E-Marketing Major

Required courses

Department	Course #	Course Name	Hours	RCI
Marketing	W160	Consumer & Buyer Behavior	3	WI
Marketing	0212	Info. Mgt. For Electronic Marketing	3	
Marketing	0241	Direct Marketing and eMarketing Channels	3	
Marketing	0245	Principles of Electronic Commerce	3	
Marketing	0250 ¹	International Marketing	3	
Marketing	W360	eMarketing Strategy	3	WI
Marketing Elective – select one			3	
Marketing	0232	eRetailing and SCM		
or				
Marketing	0261	B2B Marketing		
MIS	0070 ²	Principles of Information Systems	3	
Economics		Any 200 level Economics course excluding 0288 and 0289	3	
SubTotal			27	

¹ Fills International Requirement for the major.

² Fills Technology requirement for the major.

ENTREPRENEURSHIP

Dr. Monica Treichel, Ph.D., CPA

Office: SP 201

215-204-6876

monica.treichel@temple.edu

www.sbm.temple.edu/programs/entre.htm

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Entrepreneurship major offered by Temple University's Fox School of Business and Management integrates entrepreneurship theory and practice in an interdisciplinary approach to develop an understanding of the creation and management of an entrepreneurial business. The entrepreneurship major prepares students to start a business, be a productive member of an entrepreneurial business, assume responsibilities in a family business or become an effective manager in a growing business. Entrepreneurship majors create an idea for a new business, assess its feasibility, and develop a business plan. Students also experience two internships. Entrepreneurship majors are expected to be active members in the Entrepreneurial Student Association (ESA) www.temple.edu/esa.

Summary of Requirements

Students must attain an overall GPA of 2.3 or higher in the major and must maintain a 2.3 GPA overall in order to graduate as an Entrepreneurship major. Students pursuing the Entrepreneurship major are expected to participate in the Entrepreneurial Student Association. Use the major GPA calculator at www.fox.temple.edu/advising to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Entrepreneurship Major

Required courses

Department	Course #	Course Name	Hours	RCI
Accounting	0121	Cost Accounting	3	
Finance	0211	Corporate Finance	3	
GSM	0111	Entrepreneurship	3	
GSM	0261 ¹	Software Applications to Business Problems	3	
GSM	0380 ²	Global Strategic Management	3	
GSM	0385	Internship in Entrepreneurship	3	
GSM	0386	Internship in Entrepreneurship II	3	
GSM	W362	Senior Entrepreneurship Seminar	3	WI
Marketing	0210	Marketing Research	3	
Economics	0200+	Any 200 level Economics courses, excluding Economics 0288 and 0289.	3	
SubTotal			30	

¹ Technology Course for Entrepreneurship majors.

² Fills International Requirement for the major.

FINANCE

Kenneth Kopecky, Chair

Office: Speakman 329, 215-204-8279

kkopecky@temple.edu

www.sbm.temple.edu/~kkopecky

Stephen R. Kamp, Faculty Advisor

Office: Speakman 205E, 215-204-7016

kamp@temple.edu

Howard Keen, Faculty Advisor

Office: Speakman 206G, 215-204-5990

hkeen@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Finance plays a central role in the operation of the economy and is at the heart of the resource allocation system. Individuals often come in contact with financial instruments (money, stocks, bonds, etc.) and financial institutions and need to understand the role of the financial system in managing their lifetime financial portfolio.

Finance majors typically have one of four career objectives: (1) a position in the finance department of a business firm; (2) a position in a financial institution, such as a bank, investment bank, or mutual fund; (3) a career in the area of financial investments; and (4) a position with a government or non-profit organization.

Finance majors are encouraged to become involved in the Financial Management Association/National Honor Society (FMA/NHS). This student professional organization offers students the opportunity to meet business leaders in the financial industry, hosts career development seminars, and maintains a résumé book. The Financial Management Association is open to all business majors. To join the National Honor Society division of this organization, students must meet admission requirements. For more information, please contact the FMA executive officers at 215-204-6673.

Summary of Requirements

Students must attain an overall GPA of 2.3 or higher to become a Finance major, and must maintain a 2.3 GPA overall and in the major to graduate as a Finance major. Use the major GPA calculator at <http://www.fox.temple.edu/advising> to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Finance Major

Required courses

Department	Course #	Course Name	Hours	RCI
Accounting	0011	Intermediate Accounting I	3	
Finance	0211	Corporate Finance	3	
Finance	0223	Investments	3	
Finance Electives – Select any two:			6	
Finance	0212	Advanced Corporate Finance		
Finance	0213	Management of Financial Institutions		
Finance	0215	Portfolio Theory		
Finance	0218	Derivatives and Financial Risk Management		
Finance	0227	Money and Fixed Income Markets		
Finance	0240	Real Estate Investment and Finance		
Finance	0250	International Financial Markets ¹		
Finance	0251	International Financial Management ¹		
International Requirement – Select any one			0-3	
Finance	0250	International Financial Markets ¹		
Finance	0251	International Financial Management ¹		
Economics	0251 ²	International Monetary Economics		
Economics	0200+	Any 200 level Economics courses, excluding Economics 0288 and 0289. ²	3	
Business Elective			3-6	
select one to two business electives from business departments 0100 - 0399				
Finance	W350 ³	Senior Seminar in Financial Management	3	WI
SubTotal			27	

¹ If either Finance 0250 or 0251 are chosen to fulfill a Finance elective, it will also satisfy the International Requirement. You will need to take an additional business elective.

² If Economics 0251 is chosen to fulfill the International requirement, you must select a different 200 level Economics course.

³ This course satisfies the writing and the technology requirement for this major.

HUMAN RESOURCE MANAGEMENT

Dr. Gary Blau, Ph.D., Chair
 Speakman Hall 365,
 215-204-6906
gblau@temple.edu
www.fox.temple.edu/dept/hrm

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Human Resource Management major prepares you for careers in human resource (HR) management and general management. Increasingly, organizations are hiring well-trained professionals to manage the most important asset of the business, its human resources. The HRM department offers you the training you need to prepare for this important area of business.

Typical first jobs for HRM majors include corporate recruiter, employee relations specialist, compensation analyst, corporate trainer, HR generalist, and management trainee. Typical jobs held 5-10 years out include HR director, staffing manager, compensation manager, training manager, and employee relations director.

Human Resource Management majors are encouraged to become involved in the Society for Human Resource Management (SHRM). Guest speakers, networking events, internships and co-ops, career development activities, and the resume book are just a few benefits of joining. This organization is open to all FSBM majors. There are two student SHRM chapters, one at Main Campus and the other at Ambler. The Main Campus chapter office is located on the ground floor of Speakman Hall. For more information, contact Dr. Blau (see above) or the SHRM office at 215-204-1626. At Ambler, contact Megan Rimer at 215-204-2371, mrimer@temple.edu, or the SHRM officers at 215-283-1674.

Summary of Requirements

Human resource management students must attain a 2.3 GPA in the major and a 2.3 cumulative GPA in order to graduate. Use the major GPA calculator at www.fox.temple.edu/advising to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Human Resource Management Major

Required courses

Department	Course #	Course Name	Hours	RCI
HRM	0085	Introduction to Human Resource Management (HRM) (Formerly HRM 0200)	3	
HRM	W310 ¹	Organizational Staffing	3	WI
Select two additional 300 level HRM courses from this list:			6	
HRM	0340	Compensation Management		
HRM	0350	Human Resource Mgmt & Public Policy		
HRM	0365	Labor Relations: Strategy & Practice		
HRM	0388	Field Experience in HRM		
Select one additional course from above list or courses listed below:			3	
HRM	0315	Power, Influence & Negotiation		
HRM	0320	Managing People at Work		
HRM	0330	Communicating in Organizations		
International course – select one:			3	
Economics	0250 ²	International Trade		
Economics	0251 ²	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Economics ²	0200+	Any 200 level Economics course, excluding Economics 0288 and 0289	0-3	
Business Electives	select two to three electives from business departments 0100 - 0399		6-9	
Subtotal			27	

¹ HRM W310 will fill the technology requirement for the HRM major.

² If either Economics 0250 or 0251 is taken to fulfill the Economics 200 elective, the class will also satisfy the International Requirement. You will need to take an additional business elective.

People First Certificate

Good management is a key to any successful enterprise. In today's business environment, managers need to have an edge on the competition. The HRM Department offers three courses that we call our People First sequence to provide you the edge you need:

- HRM 0315: Power, Influence & Negotiation
- HRM 0320: Managing People at Work
- HRM 0330: Communicating in Organizations

Take all three courses and receive our People First Certificate, an approved

certificate program within FSBM. Or, take just one or two to further your training in the people side of business. People First Certification is available only to FSBM majors. For further information on these courses, contact your academic advisor.

Joint Program for RMI and HRM Majors

The Risk Management and Insurance Department and the Human Resource Management Department now offer several joint programs for students interested in a career in employee benefits and/or human resource management. These programs allow students to broaden their career options by taking advantage of the cross-training offered by these departments.

- HRM major with a RMI concentration. Students take RMI 0205 (Life and Health Insurance and Employee Benefits), and RMI 0325 (Retirement Plans).
- RMI major with a HRM concentration. Students take HRM 0085 (Introduction to Personnel/Human Resource Management), and HRM 0340 (Compensation Management).
- Dual HRM/RMI major. Students fulfill all requirements for both majors. For more information on joint HRM/RMI courses, contact Rob Drennan 215-204-8894.

INTERNATIONAL BUSINESS ADMINISTRATION

Dr. Arvind Phatak, Executive Director
 Kim Cahill, Program Advisor
 Speakman Hall 349
 215-204-3778

kcahill@temple.edu
www.fox.temple.edu/programs/iba.html

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The International Business Administration major results in a multidisciplinary degree combining courses in IB and language, with a strong, functional business component. The major design enables students to develop an understanding of the various functional areas of international business, preparing students for positions in the government, global corporations, or international public institutions. Necessary skills are developed through specialized international courses in economics, finance, management, HR, law, marketing, and accounting. All International Business majors will complete the requirements for a functional business major.

Additionally, there is an emphasis on language; for without minimal language capability, one is truly handicapped in interpersonal relationships and in international interactions. Courses in language and language certificates are offered through the College of Liberal Arts. To further round out students' education, study abroad is recommended. Students are provided opportunities to spend a semester or a year abroad in various countries where the University has established business programs, <http://fox.temple.edu/ciber/abroad.htm>

A cultural, historical, and geographic area of understanding is also essential. Students are encouraged to acquire this background through completion of Certificate of Specialization in Latin American Studies and Spanish for Business or Asian Business and Society facilitated by IGMS/CIBER or elective courses offered by the College of Liberal Arts.

www.temple.edu/bulletin/Academic_programs/schools_colleges/cla/programs/asian_stud/cla_asian_stud.shtm#asian_business

www.temple.edu/bulletin/Academic_programs/schools_colleges/cla/programs/spanish_portuguese/cla_spanish_portuguese.shtm#cert_latam_american

International Business Administration majors are strongly encouraged to study abroad, earn an Area Studies and Language Certificate, and become actively involved in the International Business Association (IBA). This student organization hosts the Global Lecture Series with guest speakers from international business disciplines, networking events, and career development activities. This organization is open to all FSBM majors. For more information, contact the International Business Association officers at 215-204-8185.

Summary of Requirements

Students pursuing the International Business major must complete all the requirements of their functional major; these requirements are combined with language fluency and language course work, as well as international course work and experiences. Participation in the International Business Association is expected. Students must maintain a 2.3 GPA overall and in the major to graduate as an International Business major. Use the major GPA calculator at www.fox.temple.edu/advising to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of International Business Administration Major

Required courses

Department	Course #	Course Name	Hours	RCI
<i>Requirements of FSBM Functional major¹</i>				
IB	0255 ²	International Trade Theory (ECON 0250)	3	
IB	0381	International Business Practicum	3	
Select one of the following:			3	
Accounting	0250	International Accounting		
IB	0256	International Monetary Economics (ECON 0251)		
IB	0265	International Financial Markets (FIN 0250)		
IB	0266	International Financial Management (FIN 0251)		
Select one of the following:			3	
IB	0380	Global Strategic Management (GSM 0380)		
IB	0201	International Human Resource Management (HRM 0201)		
IB	0106	International Law (LAW 0106)		
IB	0250	International Marketing (MKTG 0250)		
Foreign Language Requirement ³	Arabic, Chinese, French, German, Italian, Japanese, Portuguese, Russian, or Spanish. (these are non-business credit hours)	0-14	LA	
Subtotal			12-26	

¹ Technology requirement is filled through the functional Business Major.

² The IB 0255/Econ 0250 class may be able to satisfy the 200+ level Economics requirement for the functional major that is chosen. Please check with the functional major description and your academic advisor.

³ Students are required to take four courses of a foreign language or the Latin American Studies Semester (LASS). Students fluent in a foreign language will be waived from this requirement if they have demonstrated 4th level competency in one of the languages listed above.

NOTE: IB courses are cross-listed with the corresponding functional department. IB Majors must use the IB course number when registering. IB 0381 is no longer considered a writing intensive course. It is recommended that students take IB 0100 and IB 0101 as Business electives if they have room in their degree program.

LAW AND BUSINESS

Samuel D. Hodge, Jr., J.D., Chair

Speakman Hall 208

215-204-8135

samuel.hodge@temple.edu

<http://sbm.temple.edu/dept/legal>

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Law and Business curriculum is designed to acquaint the student with the broad spectrum of the economic, political, and sociological framework within which the law functions. It also may be pursued as a pre-law major in preparation for law school. Majors will be exposed to a curriculum that will challenge their thinking process and reasoning abilities through the use of actual court cases, trial simulations, negotiations and other advocacy skills that stress written and oral communication. All faculty are law trained, and the courses offer an interesting blend of theory and practice.

Student pursuing this curriculum in preparation for the study of law should acquaint themselves with the content and format of the Law School Admissions Test. Information about the test and the Law School admission's process may be accessed by visiting our website.

Law and Business majors are encouraged to become involved in Phi Alpha Delta Law Fraternity, International. This organization hosts guest speakers, sponsors law related field trips, and assists students in gaining internships within the legal field.

Summary of Requirements

Law and Business students must attain a 2.3 GPA in the major and a 2.3 cumulative GPA in order to graduate. Please note that GPA requirements for Law School admission will be significantly higher. Use the major GPA calculator at www.fox.temple.edu/advising to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Law and Business Major

Required courses

Department	Course #	Course Name	Hours	RCI
Law and Business	0101	Law of Contracts	3	
Law and Business	W112 ¹	Legal Research, Writing and Advocacy	3	WI
Law and Business	0106 ²	International Law	3	
Select any two of the following:			6	
Law and Business	0103	Law for the Entrepreneur		
Law and Business	0104	The Consumer and the Law		
Law and Business	0105	Sports and the Law		
Law and Business	0107	Constitutional Law		
Law and Business	0108	Law, Technology and E-Commerce		
Law and Business	0109	Law and Ethics in Business		
Law and Business	0110	Business Law for Accountants		
Law and Business	0111	The Litigation Process		
Law and Business	0395	Independent Study		
		or		
	0396	Independent Study		
		and		
Real Estate	0103	Real Estate Practice		
Economics	0200+	Any 200 level Economics courses, excluding Economics 0288 and 0289	3	
Business Electives	select three or four electives from business departments 0100 - 0399		9	
SubTotal			27	

¹ Satisfies the technology requirement for the major.

² Satisfies the International Requirement for the major.

The Temple Law Scholars Program offers two options: Temple University School of Law and the Temple University Fox School of Business and Management have created a program for exceptional students who plan on attending law school. The TempleLaw Scholars Program provides an opportunity for outstanding students to gain provisional admission to Temple University School of Law at the same time they are accepted into the Fox School of Business and Management. As Temple Law Scholars, students will spend their undergraduate years in Temple's Honors Program with a major in Law and Business, after which they will enroll in Temple University School of Law, leading to the degree of Juris Doctor.

1. The 3/3 option offers an accelerated experience in which the student begins law school after three years of undergraduate work in the Honors program, the bachelor's degree in Business Administration with a major in Law and Business is awarded after completion of the first year of law school, and the law degree is received after three years of law school.

2. The 4/3 program offers an enriched undergraduate experience in which the student receives the bachelor's degree in Business Administration with a major in Law and Business after four years in the Honors Program, and the law degree after three years of law school.

Students who wish to seek additional work experience prior to matriculating in law school can also be granted a one-year deferral between college and law school. For more information about the Department of Law and Business and its course offerings, please visit our web site at: <http://sbm.temple.edu/dept/legal>.

MANAGEMENT INFORMATION SYSTEMS

Munir Mandviwalla, Department Chair

Office: Sp 210

215-204-8172

munir.mandviwalla@temple.edu

www.sbm.temple.edu/dept/mis

Joe Allegra, Program Coordinator

Office: SP 210

215-204-3060

jallegra@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The BBA Major in Management Information Systems (MIS) is an undergraduate degree designed to train business-oriented, technically proficient information systems professionals. MIS students will develop the skills and knowledge necessary to analyze and understand business problems and apply information technology to solve these problems, including the opportunities and issues raised by the new information-based economy and electronic commerce. Students will learn how to analyze client needs, define systems to meet these needs, develop applications, manage operations, and act as technical intermediaries between management and other technical staff.

Typical career options for MIS students graduating with the BBA in MIS include systems analyst, application/software/Web site developer, consultant, and systems manager. All FSBM Management Information System majors are encouraged to join the Association of Computing Machinery (ACM).

Summary of Requirements

MIS students must attain a 2.3 GPA in the major and a 2.3 cumulative GPA in order to graduate. Use the major GPA calculator at www.fox.temple.edu/advising to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Management Information Systems Major

Required courses

Department	Course #	Course Name	Hours	RCI
MIS	0070	Principles of Information Systems	3	
MIS	0081	Object-oriented Programming I	4	
MIS	0083	Object-oriented Programming II	4	
MIS	0120	Data Communications and Networking	4	
MIS	0130	Database Management Systems	4	
MIS	0240	User Interface Design	4	
MIS	W201	Information Systems Analysis and Design	4	WI
MIS	W301	Information Systems Implementation	3	WI
Select one MIS elective			3-4	
MIS	0137	Client/Server Development using Object Oriented Programming	4	
MIS	0210	Electronic Commerce Site Design	4	
MIS	0288	Co-op Experience in MIS	3	
MIS	0310	Strategic Management of Information Technology	3	
MIS	0394	Special Topics: Topics may change	3-4	
Select one:				
Economics	0250 ¹	International Trade	3	
Economics	0251	International Monetary Economics	3	
Subtotal			36-37	

¹ Economics 0250 or 0251 will satisfy the International Requirement and the 200 level Economics requirement for the MIS major.

² The technology requirement is filled by courses within the MIS major.

MARKETING

Richard Lancioni, Department Chair

Office: SP 344

215-204-8885

Richard.Lancioni@temple.edu

www.fox.temple.edu/~rlancion/

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Marketing is one of the most important business areas in the economy. Companies of all sizes must develop effective marketing strategies to reach the customers who will buy their products and services. To develop a successful marketing strategy an individual must understand how to develop new products, create effective promotional programs, price the products, and distribute them to customers in domestic and foreign markets. The goals of the marketing curriculum are to enable students to develop occupationally viable skills and to pursue careers in Marketing.

Students are taught in quantitative methods and the behavioral sciences to solve marketing problems. Methods of instruction may range from programmed learning for simple vocabulary and concept formation to team participation in systems simulations. Class projects are sometimes conducted in cooperation with business and government organizations.

Marketing majors have career choices in several fields including:

- Advertising and advertising management
- Sales and Sales Management
- International Marketing
- Marketing Research
- Marketing Management
- Logistics and Supply Chain Management
- Careers in local, state, and federal governments,
- Non-profit organizations such as hospitals and universities
- Direct marketing
- Public relations
- Customer service
- Wholesaling

Marketing majors are encouraged to become involved in the American Marketing Association. This student professional organization offers students the opportunity to meet business leaders in marketing, hosts regular meetings, and career development programs. The American Marketing Association is open to all majors. For more information, please contact Professor Mary Conran at mconran@temple.edu or 215-204-8152.

Summary of Requirements

Students must attain an overall GPA of 2.3 and a 2.3 GPA in the major to graduate as a Marketing major. Use the major GPA calculator at

<http://www.fox.temple.edu/advising> to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Marketing Major

Required courses

Department	Course #	Course Name	Hours	RCI
Marketing	W160	Consumer & Buyer Behavior	3	WI
Marketing	0210 ¹	Marketing Research	3	
Marketing	0250	International Marketing	3	
Marketing	W360	Marketing Strategy Planning	3	WI
Marketing Electives – select two of the following:			6	
Marketing	0182	Advertising		
Marketing	0220	Promotion Management		
Marketing	0221	Sales and Sales Management		
Marketing	0232	eRetailing and SCM		
Marketing	0235	Intro to Physical Distribution Management		
Marketing	0241	Direct Marketing and eMarketing Channels		
Marketing	0245	Principles of Electronic Commerce		
Marketing	0261	Business to Business Marketing		
Marketing	0395	Event Marketing		
Economics	0200+	Any 200 level Economics courses, excluding Economics 0288 and 0289.	3	
Business Electives select two or three electives from business departments 0100 - 0399			6	
SubTotal			27	

¹ Satisfies the technology requirement for the major.

REAL ESTATE

Kenneth Kopecky, Department Chair
Office: Speakman 329
215-204-8279
kkopecky@temple.edu
www.fox.temple.edu/~kkopecky

Forrest Huffman, Undergraduate Advisor
Office: Speakman 206E
215-204-6675
fhuffman@temple.edu
<http://fox.temple.edu/~fhuffman>

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Real Estate major is designed to provide an educational foundation for students interested in pursuing careers in real estate. Career areas include real estate investment and financial analysis, real estate finance and mortgage lending, corporate real estate asset analysis, and commercial and residential real estate brokerage.

Core competencies to be developed include the ability to analyze: real estate investment opportunities from both investor and corporate perspectives; financial and lending alternatives; and the effect of financing and taxation on real estate asset cash flows, net present values and internal rates of return. Students will also learn the fundamentals of real estate markets and develop an understanding of the legal framework surrounding real estate ownership, title transfer and sale.

All real estate students are encouraged to participate in the Temple University chapter of the Lambda Alpha International Student Association (LAISA). Chapter members can take advantage of career advisement, resumé development and networking opportunities. LAISA is a subsidiary of Lambda Alpha International (LAI), the international honorary organization for real estate scholars and practitioners.

Real Estate majors are also eligible for various university and professional scholarships, including the program's E. Fred Kemner Award. For more information please contact Professor Huffman at 215-204-6675.

Summary of Requirements

Students must attain a 2.3 GPA overall in the major to graduate. Use the major GPA calculator at <http://www.fox.temple.edu/advising> to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Real Estate Major

Required courses

Department	Course #	Course Name	Hours	RCI
Accounting	0011	Intermediate Accounting I	3	
Finance	0211	Corporate Finance	3	
Finance	0240	Real Estate Investment and Finance	3	
Real Estate	0101	Real Estate Fundamentals	3	
Real Estate	0103	Real Estate Practices	3	
International Requirement – select one:				
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
Economics	0251	International Monetary Economics		
Finance	W350 ¹	Seminar in Financial Management	3	*WI
Economics	Elective <i>Select one</i> from the following list: ECON 0201; 0202; 0240; 0241; 0245; 0283; or 0287.			3
Business Electives	Elective <i>Select one</i> elective from business department 0100 - 0399			3
SUB TOTAL			27	

¹ This course satisfies the writing and the technology requirements for the major.

*Indicates Writing Capstone.

RISK MANAGEMENT AND INSURANCE

R. B. Drennan, Program Director
Ritter Annex 403
215-204-8894

Rob.drennan@temple.edu

<http://sbm.temple.edu/dept/rihm/rmi/undergraduate-rmi.html>

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Temple University's program in Risk Management and Insurance is nationally recognized. Located in the Department of Risk, Insurance, and Healthcare Management, the program prepares students to identify and evaluate various sources of risk, then select and implement solutions to control these risks through insurance and other mechanisms of risk transfer and distribution.

Graduates of this program often enter the risk management or employee benefit departments of large businesses and other organizations. They may also take challenging positions within insurance or benefit consulting firms, brokerage firms, agency operations, or insurance companies.

Risk Management and Insurance majors are strongly encouraged to become active in the Sigma chapter of Gamma Iota Sigma, Temple's national award-winning professional student organization in Risk Management, Insurance, and Actuarial Science. The organization hosts numerous guest speakers from the industry, sponsors a variety of career development seminars, and maintains a widely distributed resume book. For more information, please contact Dan Dotzert, the GIS President, at 215-204-9368 or visit the Web at

www.sbm.temple.edu/org/gis.htm

Major Tracks within Risk Management and Insurance

Students in the RMI major may select from one of three tracks depending on their interests:

- Employee Benefit Management
- Healthcare Risk Management
- Property-Liability/Corporate Risk Management

Summary of Requirements

Students pursuing any of the Risk Management and Insurance major/tracks must have a 3.0 cumulative GPA or earn a "B" in RMI 0001 to declare the major. Students must attain a 2.3 cumulative GPA and 2.3 in the major/track to graduate with the Risk Management major. Use the major GPA calculator at

www.fox.temple.edu/advising to calculate the GPA in the major.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Requirements of Employee Benefit Risk Management Major

Required courses

Department	Course #	Course Name	Hours	RCI
Risk Mgmt & Ins	0205	Life and Health Insurance and Employee Benefits	3	
Risk Mgmt & Ins	0209	Property and Liability Insurance Coverages	3	
Risk Mgmt & Ins	W355	Advanced Topics in Health and Welfare Employee Benefits	3	WI
<i>Select one of the following:</i> ¹			3	
Risk Mgmt & Ins	0325	Retirement Plans		
Risk Mgmt & Ins	0339	Actuarial Applications of Risk Mgmt & Insurance		
Healthcare Mgmt	0201 ²	Healthcare Financing and Information Technology		
Risk Mgmt & Ins ²		RMI Electives – one or two courses, excluding RMI 0288, 0395, 0396	3-6	
International course – <i>select one:</i>			3	
Economics	0250 ³	International Trade		
Economics	0251 ³	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Economics ⁴		Any 200 level Economics course, excluding Economics 0288 and 0289	0-3	
Business Electives		<i>select one to three</i> electives from business departments 0100 – 0399 ⁵	3-9	
SubTotal			27	

¹ Courses in this category satisfy the technology requirement for the major.

² If Healthcare Management 0201 is taken to fill the technology requirement, the student will need one additional elective in Risk Management and Insurance to meet the Department's five course RMI requirement for the major.

³ If Economics 0250 or 0251 is chosen to fulfill the International requirement, you will also satisfy the Economics 200 level Economics Requirement. It is the recommendation of the Department that you do not take these courses.

⁴ If you did not take Economics 0250 or 0251, it is highly recommended that you take Economics 0203 (Economics of Risk and Uncertainty) or Economics 0262 (Health Economics) to meet this requirement.

⁵ Students are strongly recommended to select and complete a second major field of concentration. Please discuss recommended majors with the Chair of RMI.

Requirements of Healthcare Risk Management Major

Required courses

Department	Course #	Course Name	Hours	RCI
Risk Mgmt & Ins	0205	Life and Health Insurance and Employee Benefits	3	
Risk Mgmt & Ins	0209	Property and Liability Insurance Coverages	3	
Healthcare Mgmt	0101	Introduction to the Health Services System	3	
Healthcare Mgmt	0201 ¹	Healthcare Financing and Information Technology	3	
<i>Select one of the following:</i>			3	WI
Risk Mgmt & Ins	W355	Advanced Topics in Health and Welfare Employee Benefits		
Risk Mgmt & Ins	W359 ²	Global Corporate Risk Management		
Risk Mgmt & Ins ²	0329	Property and Liability Insurance Company Operations	0-3	
International course – <i>select one:</i>			3	
Economics	0250	International Trade		
Economics	0251	International Monetary Economics		
Economics	0262	Health Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Business Electives		<i>select one to two</i> electives from business departments 0100 – 0399 ³	3-6	
Subtotal			27	

¹ in this category satisfy the technology requirement for the major.

² If Risk Management & Insurance W359 is taken to fill the capstone writing requirement, the student must also take the prerequisite for the course RMI 0329 - Property and Liability Insurance Company Operations.

³ Students are strongly recommended to select and complete a second major field of concentration. Please discuss recommended majors with the Chair of RMI.

Note: It is highly recommended that students take Healthcare Mgmt W301-Integrated Delivery Systems and Managed Care as one of their business electives.

Requirements of Property-Liability/Corporate Risk Management Major

Required courses

Department	Course #	Course Name	Hours	RCI
Risk Mgmt & Ins	0205	Life and Health Insurance and Employee Benefits	3	
Risk Mgmt & Ins	0209	Property and Liability Insurance Coverages	3	
Risk Mgmt & Ins	0329	Property and Liability Insurance Company Operations	3	
Risk Mgmt & Ins	W359	Global Corporate Risk Management	3	WI
<i>Select one of the following:</i> ¹			3	
Risk Mgmt & Ins	0325	Retirement Plans		
Risk Mgmt & Ins	0339	Actuarial Applications of Risk Mgmt & Insurance		
Healthcare Mgmt	0201 ²	Healthcare Financing and Information Technology		
Risk Mgmt & Ins		Any RMI elective course – needed only if HM 0201 is taken in category above	0-3	
International course – <i>select one:</i>			3	
Economics	0250 ³	International Trade		
Economics	0251 ³	International Monetary Economics		
Finance	0250	International Financial Markets		
Finance	0251	International Financial Management		
GSM	0380	Global Strategic Management		
HRM	0201	International Human Resource Mgt		
Law and Business	0106	International Law		
Marketing	0250	International Marketing		
Economics ⁴	0200+	Any 200 level Economics course, excluding Economics 0288 and 0289	0-3	
Business Electives		<i>select one to three</i> electives from business departments 0100 – 0399 ⁵	3-9	
SubTotal			27	

¹ Courses in this category satisfy the technology requirement for the major.

² If Healthcare Management 0201 is taken to fill the technology requirement, the student will need one additional elective in Risk Management and Insurance to meet the Department's five course RMI requirement for the major.

³ If Economics 0250 or 0251 is chosen to fulfill the International requirement, you will also satisfy the Economics 200 level Economics Requirement. It is the recommendation of the Department that you do not take these courses.

⁴ If Economics 0250 or 0251 is not taken, it is highly recommended that you take Economics 0203 (Economics of Risk and Uncertainty) or Economics 0262 (Health Economics) to meet this requirement.

⁵ Students are strongly recommended to select and complete a second major field of concentration. Please discuss recommended majors with the Chair of RMI.

Joint Program for RMI and HRM Majors

The Risk Management and Insurance Department and the Human Resource Management Department now offer several joint programs for students interested in a career in employee benefits and/or human resource management. These programs allow students to broaden their career options by taking advantage of the cross-training offered by these departments.

- HRM major with a RMI concentration. Students take RMI 0205 (Life and Health Insurance and Employee Benefits), and RMI 0325 (Retirement Plans).
- RMI major with a HRM concentration. Students take HRM 0085 (Introduction to Personnel/Human Resource Management), and HRM 0340 (Compensation Management).
- Dual HRM/RMI major. Students fulfill all requirements for both majors. For more information on joint HRM/RMI courses, contact Rob Drennan 215-204-8894.

FOUNDED: 1967

Concetta M. Stewart, Dean
 2020 N. 13th Street,
 Philadelphia, Pa 19122
 215-204-8421
 www.temple.edu/scat

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
Hours = credit hours

GOALS AND OBJECTIVES

The School of Communications and Theater is concerned not only with high standards of professional work, but also with encouraging the next generation of artists, teachers, and media managers to develop an intellectual background and a sense of social responsibility. Toward this end, SCT students are encouraged to take coursework in disciplines outside the School. For some, history and political science are related areas of interest; others choose literature and the arts; still others choose business, economics, or the social sciences. In this way, the School participates in providing not only professional training, but a broad humanistic education for its students.

The faculty of the School come from diverse backgrounds. Some have extensive professional experience as filmmakers, journalists, television producers, theater directors, speechwriters, advertising executives, and public relations practitioners. Others have come to Communications and Theater through academic study, doing graduate work and continuing the practice of research and scholarship while teaching at Temple.

HISTORY

The study of communication began formally at Temple University with the founding of the Department of Journalism in 1927. It was the first such department in the Commonwealth.

Theater was an extracurricular activity at Temple until 1931, when formal courses were developed.

Radio-Television became an instructional division in 1947, and extensive film offerings were added in 1967. That year Journalism and Radio-Television-Film joined Theater to form the School of Communications and Theater. In 1987 the highly respected Department of Speech moved to the School from the College of Arts and Sciences. A year later, Speech became two departments: Rhetoric and Communication and Speech-Language-Hearing.

The School was restructured in 1995. Radio-Television-Film is now the Department of Film and Media Arts and the Department of Broadcasting, Telecommunications, and Mass Media; Journalism became Journalism, Public Relations, and Advertising; Rhetoric and Communication became Speech Communication. In 1998, the Department of Communication Sciences (Speech-Language-Hearing) moved to the College of Health Professions.

The most recent change in the structure of the School involved the Departments of Journalism, Public Relations and Advertising, and Speech Communication. Effective Fall 2004, Advertising became a separate

department. The Department of Speech Communication changed its name to Strategic and Organizational Communication and includes Public Relations as one of three concentrations: Public Communication (formerly Speech Communication), Public Relations, and Organizational Leadership. The Department of Journalism includes sequences in Broadcast Journalism, News Editorial, Magazine, and Photography for the Mass Media.

Renowned for their professional experience, research, and teaching, our faculty prepare our graduates for a wide range of careers in communication industries, as well as lead graduate students towards Ph.D., M.F.A., M.A., and M.J. degrees.

SPECIAL FACILITIES

The School of Communications and Theater is housed in buildings designed for teaching, research, and production.

The primary location of the School is Annenberg Hall, which houses the Departments of Film and Media Arts; Broadcasting, Telecommunications, and Mass Media; Journalism; and Advertising. Television and film production areas (studios and editing, graphics, and film labs) occupy the first floor. The building also includes extensive video and film editing areas, a 75-seat multimedia screening room, photographic labs, two news writing labs, and smart classrooms.

The Theater Department, located in Tomlinson Hall, features two theaters, as well as rehearsal rooms, costume, and scene shops. The Department of Strategic and Organizational Communication is housed in Weiss Hall.

The Joe First Media Center, SCT's newest addition, is located on the first floor, linking Annenberg and Tomlinson Halls. The Center is a communications and media hub for the school and includes a cyber-café, a multimedia information center, and a venue for displaying student work and film screenings.

SPECIAL PROGRAMS

Temple Update

Temple Update is a production course in which students can gain experience producing, reporting, and editing for a half-hour weekly news magazine format. The program airs on a cable outlet. The course gives the students the opportunity to produce material for a resume tape and provides students with valuable experience in field work, news writing, video editing, and the pressure of a live program.

Internship Program

Although the requirements may vary, internships are available to junior and senior students of every department in the School. Internships are for academic credit and must involve professional activity related to the student's course of study. The internships must be approved by the administrator or faculty member charged with supervising internships.

Los Angeles Summer Internship & Study Program

Offered by the Film and Media Arts Department, the Los Angeles Summer Internship & Study Program is open to all Temple University students on both the upper-level undergraduate (63 credit hours completed) and graduate levels who have an interest in working within the Hollywood entertainment industry. This eight-credit program runs from late May through July. It includes an on-site internship and six weeks of concurrent coursework.

Temple/London

The School of Communications and Theater offers a program in London for undergraduate students. Students spend the fall semester in London studying British theater and media with an international faculty.

Enrollment in the London program is also open to qualified students from other universities and colleges to foster an intellectual exchange among students of varied collegiate backgrounds.

Courses are designed to make the best use of the uniqueness of London and the United Kingdom.

Summer seminars in London are also an important feature of the School's special programs. Realizing the inestimable value of direct contact with professionals and other experts, the School of Communications and Theater offers an annual seminar on British mass media. These seminars are offered for graduate and undergraduate credit and can be an integral part of a student's coursework.

The seminars, like the fall semester program, are open to qualified students from other universities and colleges and to others who choose to continue their education in a less formal manner than in a prescribed program of study.

See International Programs for more information about Study Abroad options p. 44. Current information on the London program is available from the Office of the Dean, 215-204-1961.

ADVISING

SCT Advising Center
300 Annenberg Hall
2020 N. 13th Street
215-204-5273

www.temple.edu/scat_advising
advise@temple.edu

Students in the School of Communications and Theater are advised by professional academic advisors and faculty advisors. New students (up to 30 credits), transfer students in their first semester, interdepartmental majors, undeclared students, and students on academic probation make advising appointments in the Advising Center on the third floor of Annenberg Hall. All other students are advised by faculty in their respective departments. See the department office for assignment to the appropriate advisor.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Most students will be eligible to register for classes via OWLnet. However, all students should meet with their advisors prior to the eligible registration period.

Students preparing to graduate will file necessary paperwork one semester prior to the graduation date. At that time, an appointment should be made in the Academic Advising Center for a graduation review.

POLICIES AND REGULATIONS

Please see the *Undergraduate Academic Policies*. Students are responsible for complying with all University-wide academic policies as well as those of the School of Communication and Theater that appear below.

(The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Academic Standing

Students must maintain a 2.00 cumulative GPA in their major or track and make satisfactory progress toward their SCT degrees to remain in good academic standing. Students who are not in good academic standing at the end of a semester will be warned for the following semester. Students who are not in good academic standing at the completion of that following semester may be dropped from the SCT programs.

Credits Not Applied toward Degree

Credits earned in the following courses are not applied toward a degree in the School of Communications and Theater: all courses in Military Science, Topical Studies, RCC, ELECT, and Math 0015.

Dean's List

Each semester, undergraduate students who achieve a grade point average of 3.5 or above for the semester with 12 or more credits toward the degree and with no grades of I or NR are selected for the Dean's List. Letters of congratulation are sent to each of these students.

English 0040 Requirement

Students required to take English 0040 must complete that requirement before enrolling in Journalism 0150 and before enrolling in Strategic and Organizational Communication courses numbered 0050 or above.

Readmission

Students returning to the School of Communications and Theater after an absence of three or more years must use the *Undergraduate Bulletin* in effect at the time of readmission or any subsequent *Undergraduate Bulletin*. Credits more than 10 years old may not be applied toward a degree in the School.

Transfer Students

Refer to **Undergraduate Admissions** for general information on transferring courses to Temple. In addition to these criteria, each department in the School of Communications and Theater will evaluate any credit to be transferred into a major. This evaluation generally is done at the first meeting with a faculty advisor during the first semester. The maximum number of credit-hours allowed to transfer in the major are: 12 hours in Advertising; 20 hours in Broadcasting, Telecommunications, and Mass Media; 21 hours in the Communications interdepartmental degree; 21 hours in Film and Media Arts; 12 hours in Journalism; 12 hours in Strategic and Organizational Communication; and 20 hours in Theater.

SCHOOL REQUIREMENTS FOR GRADUATION

The School of Communications and Theater requires 126 credits to graduate; completion of the University Core Curriculum; completion of departmental requirements; a minimum of 2.0 GPA, both cumulative and in the major; and completion of a maximum of 71 credits within the school and a minimum of 55 credits outside of the school.

Minimum and maximum credit requirements within each major are listed with the departmental requirements. Students who are planning to graduate must schedule an official graduation review with an academic advisor one semester prior to the anticipated graduation date.

PROGRAM DESCRIPTIONS

1. Certain courses fulfill multiple requirements. In consultation with your advisor, you will be able to plan your curriculum more effectively.
2. The total number of credit hours at graduation may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
3. Students must fulfill the necessary prerequisites for any given course or course sequence. See the Prerequisite and Co-requisite Policy in University-wide Academic Policies in this Bulletin, p. 52.

ADVERTISING

Michael Maynard, Ph.D., Chair
215-204-8360

maynard@temple.edu

Department Office:
Annenberg Hall, Room 343
215-204-8360

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Department of Advertising offers students professionally-oriented courses focused on preparing them for a wide variety of careers, rooted in marketing communications in a media-defined global society.

Advertising is a major business, serving major businesses, at the intersection of media and society. Students in a professional department dedicated to the study of advertising will learn, and graduates will be well grounded in, the arts of marketing communications in a modern, high tech, media intense, global society. They must comprehend the nexus of economic communications and social communications. They must be positioned to succeed in professional careers and to wisely respond as citizens, consumers, and community leaders.

Based on the evidence from over 5,000 survey questionnaires, fulltime advertising students at Temple University fall into clearly defined groups:

- Students energetically interested in advertising as a career.
- Students who have creative talent and wish to express it.
- Students who are broadly interested in media and the power and mystery of advertising.
- Students interested in marketing, sales, or business, but who do not wish to major in business or finance.
- Students who think advertising will be a fun way to get a job-oriented college degree.

Students in the Department of Advertising will learn:

- How to identify appropriate research designs for understanding consumer wants, needs, and communication behavior, and be able to interpret the results for developing brand and advertising strategies;
- How to conceive, write, design and produce advertising in all media formats which can be measured against marketing objectives and strategies;
- How to establish strategies and to negotiate executions for the investment of advertising dollars in all media vehicles, and how to evaluate the results;
- How to manage client relations and the process of producing advertising from strategy through production at a profit.

The Advertising Department consists of three major tracks:

1. Creative – Copywriting or Art Direction

Students following the Creative Track will take three advanced courses in either copywriting or art direction. These advanced courses prepare students for the competitive world of creative writing and creative art direction in the field of advertising. The Portfolio class provides students the opportunity to work in teams and to produce a professional-grade portfolio.

2. Management

This track provides instruction for the advertising generalist, the account executive,

and the media expert. In the three advanced management courses, students follow the leadership path in organization, command, and control of the advertising function. Advanced Media prepares students for the complex, fragmented media landscape of today's world.

3. Research

Students following this track will receive training that guides them in conducting surveys, analyzing data, testing copy, studying America's changing demographics, and attempting to get ahead of the fashion trend curve. Ways of tracking the success of traditional, as well as alternative, advertising vehicles and the mass media in general are studied.

Internships or Diamond Edge Communications

All majors are required to take either an internship or Diamond Edge Communications (DEC), our student-run ad agency. Both offer students valuable hands-on experience in actually making things: ads, logos, surveys, brochures, etc. DEC works with local Philadelphia clients and sometimes, working in groups, takes on a national advertising competition. In terms of internships, students will be directed to a number of quality situations where they will have the opportunity to work in relevant professional ways for course credit.

Requirements for the Degree of Bachelor of Arts

Summary of Requirements:

1. University Core Curriculum requirements, including completion of Library Skills Test.
2. Maximum of 71 credits in the School of Communications and Theater.
3. Minimum of 48 credits in Advertising courses, maximum of 54 credits in Advertising courses.
4. A grade of C or higher must be attained in all required Advertising courses.
5. An overall GPA of 2.0 must be attained in the major.
6. 000 level Advertising courses are prerequisites to 100 level Advertising courses; 100 level Advertising courses are prerequisites to 200 level Advertising courses; 200 level Advertising courses are prerequisites to 300 level Advertising courses.
7. No more than 12 semester hours of transfer credits may be applied to Advertising major requirements.
8. No more than 8 credits may be taken in Kinesiology.

Suggested Semester-by-Semester Plan

Department	Course #	Course Name	Hours	RCI
<i>Foundation I Courses</i>				
ADV	0050	Intro to Media and Society	3	
ADV	0055	Intro to Advertising	3	
ADV	0065	Persuasive Writing	3	
ADV	0070	Intro to Advertising Research	3	
<i>Foundation II Courses</i>				
ADV	0110	Advertising Strategy and Positioning	3	
ADV	0120	Advertising Copywriting I	3	
ADV	0125	Intro to Visual Communication	3	
ADV	0130	Advertising Media Planning I	3	
<i>Advanced Core I</i>				
ADV	0250	Creative Thinking for Advertising	3	
ADV	0290	Diamond Edge Communications	3	
		<i>or</i>		
ADV	0295	Advertising Internship	3	
<i>Advanced Core II</i>				
ADV	0370	Interactive Media, Marketing and Advertising	3	
ADV	W380	Morality, Law and Advertising	3	WI
ADV	0390	Advertising Campaigns	3	
		<i>or</i>		
ADV	0395	AAF National Student College Competition	3	

Track Requirements

<i>Creative/Copywriting</i>			
ADV	0220	Advertising Copywriting II	3
ADV	0222	Advertising Copywriting III	3
ADV	0320	Portfolio	3
<i>Creative/Art Direction</i>			
ADV	0225	Advertising Design and Art Direction	3
ADV	0227	Advertising Design and Video Production	3
ADV	0320	Portfolio	3
<i>Management</i>			
ADV	0230	Advertising Media Planning I	3
ADV	0235	Marketing Media Products	3
ADV	0330	Advertising Account Management	3
<i>Research</i>			
ADV	0240	Advanced Advertising Research	3
ADV	0245	Mass Media Research	3
ADV	0340	Advertising Account Planning	3

AMERICAN CULTURE AND MEDIA ARTS

Miles Orvell, Ph.D., Director
941 Anderson Hall
215-204-1054
miles.orvell@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The American Culture and Media Arts major combines faculty and courses from the American Studies program (in the College of Liberal Arts), the Film and Media Arts Department, and the Journalism Department (in the School of Communications and Theater). It is one of the first programs to bridge two schools at Temple, making use of the University's broadest resources. Students may choose this major from either school (CLA or SCT), with the requirements of the major being the same in either case. The major is a response to the fact that mediated culture – film, television, radio, photography, print journalism – has come to dominate the experience of Americans, while at the same time American values and traditions inform our creation and reception of the media. Students will also develop skills in historical and contemporary research. Majors sign up, in their senior year, for a semester or more of Internship at one of any number of media-related industries and museums in the Philadelphia area, designed to give students practical experience. Academic work and fieldwork are coordinated and keyed to the student's program of study and interests.

Students graduating with the American Culture and Media Arts degree can expect to pursue careers in media-related organizations, e.g., film, video, and radio production; archival and library positions, particularly in media institutions; public relations jobs in media; museum research positions supporting exhibitions and media; and writing about media for publications. Graduates can also pursue advanced training at the graduate level in documentary film production.

Student must meet:

1. University Core Requirements
2. School of Communications and Theater Requirements
3. Major Requirements: A minimum of 36 credits from the specific courses is required for the major. (Students may petition for certain "Special Topics" courses to fulfill requirements.)

Full description of the program can be found in **Intercollegial Programs p. 71.**

BROADCASTING, TELECOMMUNICATIONS AND MASS MEDIA

Betsy Leebron, Ph.D., Chair
215-204-5401

betsy@temple.edu

Department Office:
Annenberg Hall Room 6

Jack Klotz, Undergraduate Contact
Director of Advising and Recruiting
215-204-5823

jklotz@temple.edu
www.temple.edu/btmm

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The department of Broadcasting, Telecommunications and Mass Media provides programs of study in the production, management, institutions and social processes of broadcasting, telecommunications and other communications systems.

Students examine both the history and the emerging future of communications technologies. In addition to coursework in their chosen area of study, all students completing the major will be required to demonstrate competency in critical and analytical skills and a level of computer literacy related to their disciplinary interests in research or creative work.

All students are expected to develop the following competencies:

- Understanding the development of communication theories and technologies along with approaches to communication drawn from the artistic, humanistic and social sciences perspectives.
- Understanding the relationships of communication organizations.
- Developing communication skills that promote active listening and productive feedback.
- Understanding of communication vocabulary fostering active participation in the discipline.

Students may focus in one or more of the following four interrelated areas of coursework:

- **Production:** the writing, editing, and producing of work in radio, television and new technologies particularly for commercial, corporate and instructional purposes.
- **Organization and Management:** business practices and strategies for media and telecommunications institutions, industries and professional enterprises.
- **Institutions:** history, economics, law, regulation and policy pertaining to the broadcast, cable and new technology industries.
- **Social Processes:** the psychological, social, cultural, and political analysis of media, particularly in terms of their impact on everyday life.

Theory and practice are balanced and integrated into all areas of study in Broadcasting, Telecommunications and Mass Media to allow the students to become well-rounded communications professionals, as well as knowledgeable media consumers.

Internships and Senior Seminar

All majors are required to take 1) an internship or practicum and 2) senior seminar, which together are designed to explore each student's professional future upon graduation. Hundreds of businesses, non-profit organizations and institutions in the Philadelphia and New York metropolitan area and beyond cooperate in providing opportunities for BTMM students to work in relevant professional ways for course credit. Students interested in further academic degrees can serve as research assistants in related media organizations and institutions. To qualify for an internship, students must have at least junior standing, a 2.5 GPA in the major, and have completed the BTMM foundation courses.

Requirements for the Degree of Bachelor of Arts

Summary Requirements

1. University core curriculum requirements including completion of library orientation.
 - Temple University Core requirements. See Core Curriculum
 - Maximum of 71 credits in the School of Communications and Theater
 - Minimum of 40 credits in BTMM, maximum of 54 credits in BTMM
2. Major Requirements:
 - BTMM Foundation Courses: 0011 (Mass Communication Theory), 0020 (Mass Media and Society), 0040 (Media in Everyday Life) completed in first 45 hours at Temple University. Students transferring in 45 or more credits may complete 2 out of the 3 BTMM Foundation courses. Transfer students with 45 or more transfer credits must complete at least one BTMM foundation course at Temple, or be exempted by the Chair of the department.

- C or better in BTMM Foundation 0011, 0020, 0040
- C- or better in each course fulfilling requirements for major
- At least four courses numbered above 0200 to 0389
- No more than 20 semester hours of transfer credits may be applied to the BTMM major.
- BTMM 0070 is a prerequisite for BTMM 0150, 0170, 0171, 0172, 0175
- All prerequisites for studies courses must be met unless otherwise exempted in writing
- BTMM 0395: Senior Seminar in last 30 hours
- At least one of the following: BTMM 0371, W372, W377 or 0391: internship or practicum
- No more than 12 credits of internship, practicum and independent study
- GPA 2.00 in major
- No more than 8 credits of Kinesiology

Suggested Semester-by-Semester Plan

Year 1 Fall

Department	Course #	Course Name	Hours	RCI
Eng	C050	College Composition	3	CO
Math	C055	College Mathematics or other math core	3	QA
SCT		Freshman Seminar	1	
<i>Select one Foundation course from:</i>				
BTMM	0011	Mass Communication Theory	4	
BTMM	0020	Mass Media and Society	4	
BTMM	0040	Media in Everyday Life	4	
BTMM	Core	Library Orientation	0	
<i>Select one Arts Core course from:</i>				
FMA	X155	Intro to Film and Video Analysis	3	AR
Phil	C061	Art and Society	3	
Theater	C025	Acting for Non-Majors	3	
	or others		3	
Total			14	

Year 1 Spring

Department	Course #	Course Name	Hours	RCI
Math	C065	Elements of Mathematical Thought or other math core	3	QB
<i>Select one Foundation Course from:</i>				
BTMM	0011	Mass Communication Theory	4	
BTMM	0020	Mass Media and Society	4	
BTMM	0040	Media in Everyday Life	4	
<i>Select one course from:</i> Consult with Advisor				
BTMM	0055	Intro to Media Management & Organization	3	
	0070	Intro to Media Technology	3	
	0114	Mass Communication Research	3	
	0123	The Broadcasting System	3	
<i>Select one American Culture Core course from:</i>				
Anthro	C064	American Culture	3	AC
Hist	C068	U.S. History Since 1877	3	
THM	X080	Leisure in American Culture	3	AC/WI
	or others			
IH	X051	Intellectual Heritage I	3	IA
Total			16	

Year 2 Fall

Department	Course #	Course Name	Hours	RCI
IH	X052	Intellectual Heritage II	3	IB
<i>Select one Sci & Tech Core course from:</i>				
Phy	C053	Physics: Motion & Matter	4	SA
Phy	C055	Light, Art, and Nature	4	
Phy	C067	Acoustics	4	
	or other science core		4	
BTMM		Choose 100 or 200 level	3-4	
BTMM	Foundation	Choose from 0011, 0020, 0040	4	
<i>Select one Individual and Society course from:</i>				
Anthro	R060	Intro to Anthropology	3	IN
GUS	R055	Urban Society: Race, Class and Community	3	
Law and Business	C001	Law In Society	3	
Phil	C062	Morality and the Law	3	
Soc	R059	The Sociology of Race and Racism	3	
Soc	C066	Money: Who Has It, Who doesn't, Why It Matters	3	
	or other IN core			
Total			17-18	

Year 2 Spring

Department	Course #	Course Name	Hours	RCI
<i>Select from: SB Science Courses</i>				
Sci & Tech			3-4	SB
<i>Select one International Studies/Lang course from:</i>				
Lang	0051		3-4	IS
Anthro	C061	Cultures of the World	3	
Anthro	C065	Origins of Cultural Diversity	3	
Dance	C115	Dance in Human Society	3	
	or other third world		3	
BTMM	Elective	Select 0200-0389	3-4	
BTMM	Elective	0100-0289	3-4	
Elective		Open Elective -Pick One	3	
Total			15-19	

Year 3 Fall

Department	Course #	Course Name	Hours	RCI
<i>Select one Writing course from:</i>				
BTMM	W273	Writing Workshop	3-4	WI
	W321	History of Broadcasting	3-4	
	W333	Global Telecommunication	3-4	
	W343	Mass Media and Children	3-4	
	W349,	Advanced Topics	3-4	
	W372	Broadcast Production Practices	3-4	
<i>Select one Race course</i>				
	Core	Race	3	RS
Elective		Open Elective -Pick One	3	
BTMM Elective	0100-0289	BTMM Elective - Pick One	3	
<i>Select one International Studies/Lang course from:</i>				
Lang	0052		3-4	IS
	or other third world		3	
Total			15-17	

Year 3 Spring

Department	Course #	Course Name	Hours	RCI
BTMM	0200-0389	BTMM Elective -Pick One	3-4	
Elective		Open Elective -Pick One	3	
Elective		Open Elective -Pick One	3	
BTMM	0200-0389	BTMM Elective -Pick One	3-4	
Elective		Open Elective -Pick One	2	
Elective		Open Elective -Pick One	3	
Total			17-19	

Year 4 Fall

Department	Course #	Course Name	Hours	RCI
Elective		Open Elective -Pick One	3	
BTMM	0391	Internship	2	
BTMM	0395	Senior Seminar	3	
BTMM	Elective	BTMM Elective -Pick One	3-4	
Elective		Open Elective -Pick One	2	
Elective		Open Elective -Pick One	3	
Total			16-17	

Year 4 Spring

Department	Course #	Course Name	Hours	RCI
BTMM	Elective	BTMM Elective - Pick One	3-4	
BTMM	0391	Internship	2	
Elective		Open Elective -Pick One	3	
Elective		Open Elective -Pick One	3	
Elective		Open Elective -Pick One	3-4	
Total			15-17	

COMMUNICATIONS MAJOR

Scott Gratson, Ph.D., Program Director
307 Annenberg Hall
215-204-6434
sgratson@temple.edu
www.temple.edu/comm-major

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Communications Major is designed in the liberal arts tradition to provide students in the School of Communications and Theater (SCT) a broad exposure to all communications disciplines, as well as allowing for an in-depth focus in more than one area of study. The major is offered at the Main Campus and at the Ambler Campus and also can be completed at the Tokyo campus, but some elective advanced courses in special areas of interest are offered only at the Main Campus. Students are encouraged to propose individual programs using the comprehensive list of SCT course offerings that are compatible with the interdisciplinary objective of the major.

Positions in the communications industries are growing, and most SCT graduates seek employment there. The Communications Major also develops a broad range of interpersonal and mass media skills – practical writing, oral skills, media production, and computer use. These are valuable to many careers in business, public service, and education, and many employers are looking for informed employees who understand communication processes. Communications Majors can develop a suitable set of marketable skills for a broad range of such careers.

Program Requirements

The Bachelor of Arts degree requires completion of all University requirements, including the University Core Curriculum, and School requirements with a minimum of 126 semester hours. The major requires completion of 14 courses with 43 s.h. minimum in the major. There is a maximum of 71 s.h. allowed in SCT. Students must earn a 'C-' or better in all courses required for the major.

All Communications majors must take the following eight courses:

Department	Course #	Course Name	Hours	RCI
BTMM	0011	Mass Communication Theory	4	
BTMM	0055	Intro. to Media Management and Organization	3	
FMA	X155	Introduction to Film and Video Analysis	3	AR/WI
Journalism	C055	Journalism and Society	3	IN
Journalism	0150	Writing for Journalism	3	
STOC	0065	Public Speaking	3	
Theater	C110	The Collaborative Art	3	AR
Comm	0396	Communication Senior Seminar	3	

Distribution Requirement:

3 SCT courses from 3 different departments.
If numbered 200-200 these departments.
If numbered 200-300 these courses can also satisfy the level requirements below.

Required SCT Course Levels: 200 or above: Minimum 4 courses and 12 credits
300 or above: Minimum 2 courses and 6 credits.
(Internships and Independent Studies are excluded from this category)

Outside SCT at 100 or above: 12 credits

- At least four other courses (minimum 12 s.h.) in the major must be taken from SCT courses at the 200 level or higher. Internships, Independent Study, Special Projects, and Senior Seminar may not be used to fulfill this requirement.
- At least two courses (minimum 6 s.h.) in the Major must be taken from SCT courses at the 300 level, including one writing intensive course. (Permission of the instructor may be required for Main Campus upper-division production courses in BTMM and FMA because of space limitation. Prerequisites in all departments apply.) Internships, Independent Study, Special Projects, and Senior Seminar may not be used to fulfill this requirement.
- Students must take, beyond the eight (8) required courses, one course in each of three (3) different SCT departments. This can be satisfied through SCT prerequisites, SCT distribution courses [Selected 200 and 300 level courses above] or SCT electives.
- At least 12 s.h. outside of SCT must be taken at the 100 level or higher.
- No more than 8 s.h. in Kinesiology (physical education activity) or dance courses may be credited toward the degree.
- Students may participate in study abroad programs.
- Transfer students are required to complete a minimum of 24 s.h. of major courses at Temple.
- No more than 21 s.h. may be taken in any one department outside of SCT and counted toward the major. (This will allow for non-SCT minors, if desired.)

- A maximum of 27 s.h. in any one SCT department may be counted toward the degree.
- A maximum of 4 s.h. of Internship credit may be counted toward the degree.
- A maximum of 8 s.h. combined of Independent study and or Special Projects may be counted toward the degree.

Communications majors may minor in established SCT minors subject to the policies of the individual department. The Communications student who declares a minor must complete the entire program requirements for both the major and the minor with only the Communications Major introductory required courses listed above fulfilling both the major and minor requirements. Courses in a minor department above the minimum minor requirement may be used to fulfill Communications Major degree requirements.

FILM AND MEDIA ARTS

Paul Swann, Chair
2020 N. 13th Street
Philadelphia, PA 19122
215-204-1735

pswann@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Film and Media Arts Program focuses on the development of creative and technical skills in film, video, audio, digital media and new technologies, and the theoretical understanding of media and culture. The program recognizes and explores the creative tension between individual expression and the social, political, and economic forces that shape culture at large.

Students will be trained in developing content as well as craft, theory and practice. In learning independent and commercial approaches to production and theory, graduates will be prepared to develop their own independent productions and to assume a creative role in the motion picture and television industries.

The department brings in guest media makers and visiting professors from diverse backgrounds for special lectures and workshops. Students may also select elective courses from other departments in the School of Communications and Theater in such areas as telecommunications, journalism, and theater. A highly recognized graduate program offers undergraduates numerous opportunities to work on advanced productions and participate in advanced research in the field.

Faculty Mentoring

FMA faculty strongly believe in the importance of close mentoring. This is particularly important in a department that focuses on individual and collaborative expression. Upon entering the department, each student will be assigned a faculty mentor who will guide the student through his/her four years at Temple. The entire Film and Media Arts faculty will participate in the review of each student's work in the Basic Core production/studies courses.

Special Programs and Internships

The Film and Media Arts Department offers special programs for study and research in London, Rome and Tokyo. Additionally, many organizations in the Philadelphia, New York and Washington, D.C. metropolitan areas cooperate in providing opportunities for student professional internships. The department also offers a summer internship program in Los Angeles.

Summary Requirements for the Degree of Bachelor of Arts in Film and Media Arts

The Bachelor of Arts degree may be conferred upon a student majoring in Film and Media Arts by recommendation of the faculty and upon satisfactory completion of a minimum of 126 credit hours. Students must complete:

1. University Core requirements
2. School of Communications and Theater requirements
3. At least 42 credits and no more than 54 credits earned in one of the Film and Media Arts sequences.

The number of courses taken in the School of Communications and Theater is limited to 71 credits. A student must earn a grade of C or better in all Film and Media Arts courses which count towards the degree.

Maintaining Program Performance

Prerequisite to entrance and graduation from the Production and Media Culture Thesis sequences requires students to maintain a GPA of at least 3.0 calculated in all courses taken in the University. Students who have earned at least a 2.0 GPA may enter and graduate in the Non-Thesis sequence. Students with an average under 2.0 may not begin the program. Students may take up to four of the 42 FMA credits as an internship*.

FMA FOUNDATION COURSES

Film and Media Arts students will complete the following courses by the end of the sophomore year:

Department	Course #	Course Name	Hours	RCI
FMA	0100	Media Arts I	4	
FMA	0101	Media Arts II	4	
FMA	0102	The Production of Media Culture	3	
FMA	X155	Intro to Film and Video Analysis	3	AR, WI

At the completion of these courses, students will choose to enter the Production Thesis, the Media Culture Thesis or the Non-Thesis sequence.

PRODUCTION THESIS SEQUENCE

Eran Preis, Sequence Director
215-204-6991

epreis@temple.edu

This sequence educates prospective media makers, writers, and new technology practitioners to take creative control of their own work. It emphasizes students' initiative in creating individual or collaborative projects that serve as an expression of their personal vision and voice.

Students can enter this sequence to work on their own project or as a collaborator with equal creative responsibility on a colleague's project.

The Production Thesis sequence builds to a two-semester senior capstone course in which each student, working with close faculty guidance, finishes a project and production book. Media work must be presented publicly at the end of the year program screenings.

Students may enter this sequence if they earn a 3.0 or higher in the FMA foundation courses and in all of their other FMA classes. Completion of this sequence requires completion of Senior Projects I and II and is based on the grade requirements listed above, along with faculty acceptance of Senior Project portfolio (which includes a proposal or script, and a work sample) submitted in March of the student's junior year.*

Production Thesis Sequence

Department	Course #	Course Name	Hours	RCI
FMA	0200	Videography	4	
		or		
	0210	Film Making	4	
		or		
	0241	Experimental Video and Multimedia	4	
FMA	0201	Writing for Media	4	
FMA		Production Elective	4	
FMA		Studies or second Production Elective	4	
FMA	0382	Senior Project I	4	
FMA	0383	Senior Project II	4	
FMA		Advanced Writing Intensive Elective	4	WI

MEDIA CULTURE THESIS SEQUENCE

Jeanne Allen, Sequence Director
215-204-8429

jeanne@temple.edu

This sequence explores the role of media in American culture. The critical exploration of technology, economic and legal factors, social history, and institutions highlights the processes through which media culture affects identity construction and social change. Students who choose this sequence develop critical, analytical, and organizational skills in linking media culture to such arenas as community-based organizations and museums, schools, media resource centers, and the multicultural community of independent film and video producers.

The Media Culture Thesis sequence builds to a two-semester capstone course in which each student completes a written research-based thesis on media culture criticism and/or history or a producible script for reality-based media programming. Students may enter this sequence if they earn a 3.0 GPA in the FMA foundation courses.*

Students who do not meet the above requirement may petition to enter this sequence based on a review of their written work. The petition must be received by the Media Culture sequence director no later than the third week of the semester prior to the semester when the student would be taking the senior thesis course.

Media Culture Thesis Sequence

Department	Course #	Course Name	Hours	RCI
FMA	0200	Videography	4	
		or		
	0210	Film Making	4	
		or		
	0241	Experimental Video and Multimedia	4	
FMA		200 or 300 level Studies Course ¹	4	
FMA		200 level Production or Studies Elective (with advisor's approval)	4	
FMA		200 level Production or Studies Elective (with advisor's approval)	4	
FMA	0380	Senior Media Culture Thesis I ²	4	
FMA	0381	Senior Media Culture Thesis II	4	
FMA		300 level Production or Studies Elective	4	

¹A writing intensive course will also fill the requirement for an advanced writing intensive studies course listed below.

²Serves as required advanced writing intensive course.

NON-THESIS SEQUENCE

Eran Preis, Sequence Director
215-204-6991

epreis@temple.edu

This sequence is designed for students who wish to have a more general approach to the major. Working closely with their advisors, students will choose from a range of studies. This includes elective courses that complete a balanced, liberal arts approach to media study. Students take one production or writing course in videography, experimental video, film or screenwriting. Students may take one additional 300-level production or screenwriting course for which they have completed the prerequisite. Students may progress through the non-thesis sequence if they have a 2.0 cumulative average and grades of C or better in the FMA foundation courses.

Non-Thesis Sequence

Department	Course #	Course Name	Hours	RCI
FMA	0200	Videography	4	
		or		
	0210	Film Making	4	
		or		
	0241	Experimental Video and Multimedia	4	
FMA		200 or 300 level Studies Course ¹	4	
FMA		200 level Production or Studies Elective (with advisor's approval)	4	
FMA		200 level Production or Studies Elective (with advisor's approval)	4	
FMA		Advanced Writing Intensive Studies Elective	4	WI
FMA		300 level Studies Elective (with advisor's approval)	4	
FMA		300 level Production Elective (for which the student has completed the prerequisites)	4	
		or		
		300 level Studies Elective (with advisor's approval)	4	

¹A writing intensive course will also fill the requirement for an advanced writing intensive studies course listed below.

* (Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

JOURNALISM

Bonnie S. Brennen, Ph.D., Department Chair

316 Annenberg Hall

215-204-5023

journ@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The curriculum for Journalism is based on developing critical thinking in students for a multimedia, urban journalistic environment. This requires a broad educational background, coupled with rigorous professional training. The curriculum emphasizes subject matter from other disciplines, particularly those in the traditional liberal arts and sciences. The department also believes that effective writing is central to communication and is, therefore, integral to the department curriculum.

Students need to meet the department's foundation requirements, as well as the requirements of their chosen sequence. The Journalism sequences are: Broadcast Journalism, Magazine, News-Editorial, and Photography for the Mass Media. A capstone experience, the Multimedia Urban Reporting Lab (MURL), combines community journalism with multimedia storytelling.

Students who major in Journalism enter a variety of careers, including those as broadcasters, online and news reporters, news producers and managers, graphic designers, photographers, radio and television anchors, and magazine writers and editors.

Although students must ultimately be responsible for their own academic programs, freshmen and first-semester transfer students will first meet with a School of Communications and Theater academic advisor. During the sophomore and junior years, a student must meet at least once each year with a faculty advisor who is knowledgeable about the sequence of study the student is following.

The department has a chapter of the national journalism and mass media honor society, Kappa Tau Alpha. Additionally, every spring the department awards thousands of dollars in scholarships to deserving majors. Once a year, the department holds an induction ceremony for the outstanding majors and hosts a nationally known speaker.

There are also active student organizations affiliated with national groups. Temple's Journalism Department is one of the only two programs in Pennsylvania accredited by the Accrediting Council on Education in Journalism and Mass Communication (ACEJMC).

Requirements for the Major (Minor, Certificate, Concentration)

The degree of Bachelor of Arts may be conferred upon a student majoring in Journalism by recommendation of the faculty and upon satisfactory completion of a minimum of 126 semester hours of credit with a cumulative average of 2.0 overall and in the major.

Students must meet:

1. University Core requirements
2. School of Communications and Theater requirements
3. Major requirements in the department

Degree Requirements

The following University-wide courses are required of Journalism majors, some of which also count toward the University Core Curricular requirements:

Department	Course #	Course Name	Hours	RCI
History	C067	U.S. History to 1877	3	AC
History	C068	U.S. History since 1877	3	AC
Political Science	C051	The American Political System	3	AC
Political Science	0145	American State and Local Politics	3	
Sociology	C050	Intro to Sociology	3	IN
Plus one of the following:			3	
Economics	C050	Introduction to the Economy		IN
Economics	C051	Macroeconomic Principles		IN
Economics	C052	Microeconomic Principles		IN
Economics	C055	Global Economic Issues		IS
Economics	R065	Economics of Diversity		RS
Plus one of the following:			3	
Statistics	C021	Statistical Methods and Concepts		QB
Mathematics	C067	Elements of Statistics		QB
Psychology	C067	Foundations of Statistical Methods		QB
Sociology	C067	Social Statistics		QB
Total:			21	

Of the 126 semester hours required for graduation, at least 80 semester hours must be in courses outside Journalism; Broadcasting, Telecommunications, and Mass Media (BTMM), and Advertising; and 65 of those credits must be in liberal arts and science courses. This limits to 15 the number of credit hours taken from Education, Business, etc. if the student plans to graduate with no more than 126 credits.

The remaining semester hours required outside the department may be taken in any department of the University except Business Education. The department also does not count towards graduation credits earned through Sec. Ed. 0317, Topical Studies, Military Science, or the Extern Program.

Only 8 semester hours will be accepted from Physical Education courses. No more than 6 hours total of courses in Psychoeducational Processes (PEP) may be taken, and no more than 30 hours may be taken in any single CLA department or other SCT department without special written permission from the Department of Journalism. These requirements are to ensure a broad-based liberal arts education for each major.

Students required to take English 0040 must complete that requirement before enrolling in Journalism 0150.

Specific Major Requirements

To receive the degree of Bachelor of Arts, students must satisfactorily complete a minimum of 126 credit hours in the University with at least 35 credits in Journalism but no more than 46 credits in Journalism, Broadcasting, Telecommunication and Mass Media (BTMM), or Advertising. Students are cautioned to plan their program so they do not exceed the 46-credit hour limit that is set by our accrediting agency. It is the student's responsibility to meet all course prerequisite requirements.

A maximum of 12 semester hours of Journalism-related coursework may be transferred from a program accredited by the Accrediting Council for Education in Journalism and Mass Communication. (This includes classes in public relations and advertising.) Students transferring from all other institutions will be allowed a maximum of 9 semester hours of Journalism-related transfer credit, including Journalism C055 (Journalism and Society) and Journalism 0150 (Writing for Journalism). Under no circumstances will credit be allowed for duplicate courses.

The department does not award credit for academic or life experience. Students with extensive experience may present evidence and petition for a waiver of department course requirements.

Journalism majors must receive a grade of C or higher in all required department courses and must maintain a minimum GPA of 2.0 in the department as well as the 2.0 overall average required by the University to qualify for graduation.

Students who fall below a 2.0 average for a semester, for all department courses or in their overall University courses, will be placed on probation or academic warning, the first step toward dismissal.

Journalism Requirements for the Major

Foundation Courses

Department	Course #	Course Name	Hours	RCI
Journalism	C055	Journalism and Society	3	IN
Journalism	0150	Writing for Journalism	3	
Journalism	0151	Audio/Visual Newgathering Techniques	3	
Journalism	0152	Design for Journalism	3	
Total			12	

Advanced Courses

Department	Course #	Course Name	Hours	RCI
Journalism	0260	Electronic Information Gathering	3	
Journalism	W382	Journalism and the Law	3	
Journalism		Studies Elective	3	
Total			9	

Capstone Course

Department	Course #	Course Name	Hours	RCI
Journalism	0388	Multimedia Urban Reporting Lab	4	

Sequence Requirements

Department	Course #	Course Name	Hours	RCI
See individual Sequence sections				

Total (Depending on sequence): 35-39

Note: Students placed into English 0040 must pass (with a C or better) the two-credit Mass Media Writing lab, JOUR 051. Completion of JOUR CO55 and 0150 with grades of C or better is required before students enroll in any JPRA classes numbered 200 or higher

Broadcast Journalism Sequence

Karen Turner, JD, Director
215-204-8386

kturner@temple.edu

Students who wish to make a career in broadcast news, as a reporter, anchor, news writer, or producer should follow this course of study:

Required Courses

Department	Course #	Course Name	Hours	RCI
Journalism	0234	Broadcast News Writing	3	
Journalism	0336	Radio News Reporting	3	
Journalism	0337	Television News Reporting	3	
Journalism	0338	Broadcast News Producing	3	

Recommended Electives

Department	Course #	Course Name	Hours	RCI
Journalism	0216	Broadcast Performance		
Journalism	0372	Production Practicum - Temple Update		

Magazine Sequence

Carolyn Kitch, Ph.D., Director
215-204-5077

ckitch@temple.edu

Students who wish to pursue a career in the magazine industry should follow this course of study:

Required Courses

Department	Course #	Course Name	Hours	RCI
Journalism	0222	Introduction to Magazines	3	
Journalism	W231	Magazine Article Writing	3	WI

Choose two of the following:

Department	Course #	Course Name	Hours	RCI
Journalism	0354	Magazine Article Editing	3	
Journalism	0355	Advanced Magazine Writing	3	
Journalism	0356	Publication Design	4	

News Editorial Sequence

Linn Washington, JD, Director
215-204-2033

lwashing@temple.edu

This sequence of courses is designed for students who wish to become reporters, editors and managers of newspapers. Students are encouraged to emphasize political science, finance, urban studies and language studies in their choice of coursework outside of the department.

Required Courses

Department	Course #	Course Name	Hours	RCI
Journalism	0251	Public Affairs Reporting	3	
Journalism	0255	Editing the News	3	
Journalism	0344	Investigative Reporting	3	
Journalism	0389	Internship	1-3	

Photography for the Mass Media Sequence

Edward J. Traves, Ph.D., Director
215-204-8344

traves@temple.edu

Students who wish to make a career as a newspaper or magazine photographer or as a photography editor, should follow this course of study.

Required Courses

Department	Course #	Course Name	Hours	RCI
Journalism	0362	Photography	4	
Journalism	0363	Photojournalism	2	
Journalism	0366	Documentary Photography	3	
Journalism	0368	Photography Seminar I	2	
Journalism	0369	Photography Seminar II	2	

Recommended Electives

Department	Course #	Course Name	Hours	RCI
Journalism	0360	Visual Communication	3	
Journalism	0364	Photographic Portfolio	2	
Journalism	0365	Photography Special Projects	1-4	

NEW MEDIA INTERDISCIPLINARY CONCENTRATION

Hana Iverson, Director
205 Annenberg Hall
215-204-3395
h.iverson@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The New Media Interdisciplinary Concentration in the School of Communications and Theater explores the expressive and communicative possibilities presented by digital media across the contexts of the established disciplines of advertising, broadcast, film, journalism, mass communication, public relations, and theater. NMIC seeks to facilitate students in both the development of a comprehensive understanding of the communication arts and an experiential exploration of the evolution of media traditions through new technologies.

The New Media Interdisciplinary Concentration is open to all SCT students. The goal of the curriculum is to provide an interdisciplinary approach to new media, exploring the creative ideas and collaborative opportunities that are emerging as new technologies evolve.

Requirements for the Concentration

NMIC requires 20 credits for completion. These credits are taken in conjunction with the requirements of the student's declared major.

- All courses must be passed with a C.
- All prerequisites must be met unless approved by the professor.
- Courses taken in the major may be used for both the NMIC concentration and the major.
- At least one elective must be taken outside of the major.
- Students must take at least two electives at the 200/300 level.

The following courses are required for the NMIC concentration:

Department	Course #	Course Name	Hours	RCI
NMIC	0001	Intro to Interdisciplinary New Media	3	
NMIC	0002	Introduction to Interdisciplinary New Media 2	3	
NMIC	0302	New Media Synthesis	4	

Special Topics

Students must choose 9 additional credits in other NMIC courses from the following selections:

NMIC Special Topics classes or media-based classes from all departments in the School of Communications and Theater that are approved by the Director of NMIC.

Students may also take approved New Media courses offered through Tyler School of Art, Boyer College of Music and Dance, and the College of Science and Technology. Students may petition the Director of NMIC to count other relevant courses towards the NMIC concentration.

STRATEGIC AND ORGANIZATIONAL COMMUNICATION

Aram A. Aghazarian, Chair
Weiss Hall 213
215-204-1882
a.aghazarian@worldnet.att.net

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Department of Strategic and Organizational Communication educates students in the theory and practice of public communication and leadership, with the primary emphasis on communication and social influence or advocacy. The department's three concentrations focus on persuasion, communication in organizations, and communication strategies for influencing internal and external audiences.

Summary of Requirements

The degree of Bachelor of Arts may be conferred upon a student majoring in Strategic and Organizational Communication by recommendation of the faculty and upon satisfactory completion of a minimum of 126 semester hours of credit with a cumulative average of 2.0 overall and in the major. Students must meet:

1. University requirements
2. School of Communications and Theater requirements
3. Major requirements in the department

Department Requirements

All majors must complete at least 36 credit hours in Strategic and Organizational Communication, including the department's four core courses (12 hours). Students must earn a C or better in all courses required for the major.

Department Concentrations

The department offers three concentrations: Public Communication, Organizational Leadership, and Public Relations. In addition to completing the department core, students must select a concentration and complete the concentration core, advanced courses in the concentration, and courses in the other two concentrations. Students may also be required to complete courses outside the department.

Public Communication Concentration

The public communication concentration provides students with theory and practice in social influence. Students learn theories of advocacy in a variety of settings, gain experience in critical analysis of persuasive messages, and develop skills in creating strategic communications.

Organizational Leadership Concentration

The concentration in Organizational Leadership provides students with a thorough grounding in organizational and small group communication. Students' coursework in these areas will incorporate a special focus on both the theories and skills needed for the creation and maintenance of fruitful leader/follower relationships.

Public Relations Concentration

Public Relations is about using communication techniques to influence behavior and attitudes. The concentration combines public relations classes with requirements in public speaking, leadership, and persuasion, and is satisfied through completion of 36 semester hours with a cumulative average of 3.0 in the major.

Organizational Leadership Concentration (39 credits)
Department Core Requirements (12 credits)
Concentration Core Requirements (12 credits)

Department	Course #	Course Name	Hours	RCI
STOC	0170	Introduction to Organizational Communication	3	
STOC	0270	Leading Groups and Team Building	3	
STOC	0272	Research Methods	3	
STOC	0370	Collaborative Advocacy (Capstone)	3	

Required Courses in other STOC Concentrations

Department	Course #	Course Name	Hours	RCI
STOC	0221	Introduction to Public Relations	3	
STOC	W350	Analysis of Public Discourse	3	

Organizational Leadership Concentration Electives (9 s.h.)

Department	Course #	Course Name	Hours	RCI
<i>Select three courses from the following:</i>				
STOC	0183	Leading Mediated Groups and Organizations	3	
STOC	0282	Global Communication and Leadership	3	
STOC	W284	Diverse Communication and Leadership	3	WI
STOC	0380	Communicating Organizational Change (Preq: STOC 170)	3	
STOC	0383	Organization Networks and Networked Organizations (Preq: STOC 170)	3	
STOC	0385	Special Topics in Organizational Leadership	3	
STOC	W398	Independent Research in Organizational Leadership	3	WI
STOC	0399	Internship in Organizational Research	3	

Recommended Courses outside the department

Department	Course #	Course Name	Hours	RCI
AOD	0066	Interpersonal Communication through the Life Span	3	
AOD	0214	Conflict and Communication	3	
AM ST	C062/H092	Working in America	3	
HIST	0103/H193	World Economy since 1945	3	
HRM	0200	Introduction to Human Resources Mngmnt.	3	
Law and Business	W109	Law and Ethics in Business	3	
MIS	0085	Principles of Information Systems	4	
PHIL	C050	Philosophical Challenges to the Individual	3	IN
POLISCI	0158	Business and Public Policy	3	
PSYC	0215	Foundations of Industrial and Organizational Psychology	3	
SOC	W248	Sociology of Organizations	3	WI

Special Topics and Independent Study

Department	Course #	Course Name	Hours	RCI
STOC	0185	Special Topics in Organizational Leadership	3	
STOC	0285	Special Topics in Organizational Leadership	3	
STOC	0385	Special Topics in Organizational Leadership	3	
STOC	0397	Independent Study in Organizational Leadership	3	
STOC	W398	Independent Research in Organizational Leadership	3	WI
STOC	0399	Internship in Organizational Leadership	3	

Public Communication Concentration (36 credits)

Concentration Core Requirements (12 s.h.)

Department	Course #	Course Name	Hours	RCI
STOC	R150	Campaigns and Movements	3	WI, AC, RS
STOC	0164	Argumentation	3	
STOC	0260	Political Communication	3	
STOC	0264	Rhetorical Theory	3	
STOC	W350	Analysis of Public Discourse	3	WI
STOC	0360	Seminar In Communication and (capstone)	3	

Required Courses in Other STOC Concentrations (36 s.h.)

Department	Course #	Course Name	Hours	RCI
<i>Select two courses from the following:</i>				
STOC	0170	Introduction to Organizational Communication	3	
STOC	0270	Leading Groups and Team Building	3	
STOC	0221	Introduction to Public Relations	3	
STOC	0139	Special Topics in Public Relations	3	
STOC	0239	Special Topics in Public Relations	3	
STOC	0339	Special Topics in Public Relations	3	

Recommended Courses outside the Department

Psyc	0041	Social Psychology	3	
AOD	0214	Conflict and Communication	3	
AOD	0314	Negotiation and Mediation	3	
Phil	0062	Morality and the Law	3	
PoliSci	0150	U.S. Public Policy	3	
PoliSci	0151	Public Policy Analysis	3	
ENGL	0181	Literature and Criticism	3	
ENGL	0384	Theories of Discourse	3	
HRM	0315	Power, Influence, and Negotiation	3	

Special Topics, Independent Study, and Internships

Department	Course #	Course Name	Hours	RCI
STOC	0166	Special Topics in Public Communication	3	
STOC	0266	Special Topics in Public Communication	3	
STOC	0366	Special Topics in Public Communication	3	
STOC	0367	Independent Study in Public Communication 1-4		
STOC	0368	Independent Study in Public Communication 1-3		
STOC	0369	Internship in Public Communication	3	

Required Courses for Public Relations Concentration (36 credits)

Department Core Requirements (12 s.h.)

Concentration Core Requirements (18 s.h.)

Department	Course #	Course Name	Hours	RCI
STOC	0110 ⁺	News Writing and Media Relations	3	
STOC	0220	Media Information Gathering and Evaluation	3	
STOC	0221	Introduction to Public Relations	3	
STOC	0223	Fundamentals of Public Relations	3	
STOC	W323	Advanced Public Relations Writing	3	WI
STOC	0324	Public Relations Management and Problems (capstone)	3	

*Required course for all PR majors and minors. Prerequisite for STOC 0220, 0221, 0223, 0323, and 0324. May take concurrently with STOC 0220 and 0221 with special permission.

+ Transfer students whose previously accepted credits do not meet this requirement may take concurrently with STOC 220 and 221 with special permission

Required Courses in Other STOC Departments

Department	Course #	Course Name	Hours	RCI
<i>Select one course from the following:</i>				
STOC	0170	Introduction to Organizational Communication	3	
STOC	0270	Leading Groups and Team Building	3	
STOC	0282	Global Communication and Leadership	3	
STOC	0380	Communicating Organizational Change	3	
<i>Select one course from the following:</i>				
STOC	R150	Campaigns and Movements	3	
STOC	0164	Argumentation	3	
STOC	0260	Political Communication	3	
STOC	0264	Rhetorical Theory	3	
STOC	W350	Analysis of Public Discourse	3	WI

Recommended Courses outside the Department

Department	Course #	Course Name	Hours	RCI
Journalism	0382	Law and Ethics	3	
Marketing	0081	Introduction to Marketing	3	
PoliSci	C051	The American Political System	3	AC
Psyc	C060	Psychology as a Social Science	3	IN

Special Topics, Independent Study, and Internships

Department	Course #	Course Name	Hours	RCI
STOC	0139	Special Topics in Public Relations	3	
STOC	0239	Special Topics in Public Relations	3	
STOC	0339	Special Topics in Public Relations	3	
STOC	0338	Directed Readings in Public Relations	3	
STOC	0334	Independent Study in Public Relations	3	
STOC	0337	Internship in Public Relations	3	

STOC Major Requirements

Department	Course #	Course Name	Hours	RCI
STOC	0065	Public Speaking	3	
STOC	0070	Communicating Leadership	3	
STOC	0100	Introduction to Communication Theory	3	
STOC	0160	Strategies and Tactics of Persuasion	3	

THEATER

Daniel Boylen, Chair

Kimika Williams-Witherspoon, Ph.D., Undergraduate Advisor

Tomlinson Theater 207

215-204-8417

kwili01@temple.edu

www.temple.edu/theater

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The objective of the undergraduate curriculum in Theater is to introduce students to the broad view of the theater as an important cultural institution and at the same time provide the opportunity to develop creative, cognitive, and communication skills. Specifically, we aim to:

- Offer essential training in theater and the related arts so that the student is prepared for further training and/or experience at the graduate and/or professional levels;
- Provide the opportunity for the student to develop as high a level of cognitive and communications (reading, writing, speaking, movement) skills as the individual's own capacities permit;
- Provide through the production program an arena for optimum development of social and living skills; and
- Cultivate the enlargement of interests to the end that the student's potential for achievement, life enjoyment, and responsibility to a democratic and diverse society is vastly extended.

These objectives are facilitated by the University requirement that all undergraduate students complete a common Core of approximately 36 credits in addition to their major area. Further, the department requires study in one subject outside of Theater to further encourage the enlargement of the student's interests.

In addition to the intensive classes in all disciplines, the department encourages workshop productions done by students, faculty, or staff. These opportunities augment participation in major productions and are a natural extension of classroom work.

The student's curriculum is intended to balance work within the Department of Theater and work in broad areas of education outside the department with practical experience in the many phases of theater production. The successful student can leave the program with a background of basic skills and information as well as practical experience in the theatrical discipline. The Theater major provides an excellent educational opportunity for students, regardless of career objectives.

The Theater department is accredited by NAST, The National Association of Schools of Theater.

Faculty Advising

Advising is an important part of the education of students in Theater. Majors are first assigned to the Academic Advising Center and later to a faculty advisor. Students are encouraged to consult their advisor on academic matters, production experiences, and career objectives.

Requirements for the Degree

The Bachelor of Arts degree in Theater is organized to provide Theater core courses that each entering class takes together throughout their four-year program and emphasis areas that can be selected. The degree will be awarded to students who have met the following requirements:

- Graduation requirements of Temple University, including successful completion of the University Core Curriculum.
- Completion of the following required Theater Foundation courses with a grade of C or better in each course.
- Completion of a minimum of 63 s.h. outside of Theater
- No more than 20 credits of work in the major field may be transferred from another institution. Students must complete at least 16 s.h. of Theater credits at Temple.
- All Theater majors must pass the placement tests in English and mathematics. A student who fails any one of these tests must successfully complete English 0040 and the required mathematics course(s).

Theater Foundation Courses

Department	Course #	Course Name	Hours	RCI
Theater	0119	Creativity: Basic	3	
Theater	0011	Introduction to Theater Process	3	
Theater	0027	Introduction to Acting	3	
Theater	0041	Technical Theater Production	3	
Theater	0243	Introduction to Design	3	
Theater	W303	The Classical Tradition	3	WI
Theater	W304	The Romantic Tradition	3	WI
Theater	0305	Modern Directions	3	
Theater	0307	Seminar in Drama	3	
	0372	History of Modern Scenic Design or American Musical Theater	3	
Theater	0335	Introduction to the Director's Art	3	
Theater	0100	Production Practicum (1 s.h. each semester the student is enrolled as a major)	Up to 8	
Art History	Elective	One course in art history (may also satisfy the University Core Curriculum Arts requirement)	3	AR
Required Elective		One course in non-dramatic literature	3	
		Exploratory concentration 12 s.h. in any one department or interdisciplinary study planned with the student's advisor and approved by the Department Chair.	** 12	

** The concentration may include the required course in art history or the required course in non-dramatic literature. It may not include English C050.

The following courses can be repeated for credit in Theater

Department	Course #	Course Name	Hours	RCI
Theater	0117	Performance Art	3	
Theater	0121	Voice for the Actor	3	
Theater	0123/0223	Basic Movement/Movement for the Actor	3	
Theater	0125	Acting Workshop	3	
Theater	0126	Basic Acting Technique	3	
Theater	0127	Speech for the Actor	3	
Theater	0225	Intermediate Acting	3	
Theater	0246	Stage Management I	3	
Theater	0277	Scene Painting II	3	
Theater	0307	Seminar in Drama	3	
Theater	0319	Acting for Film and TV	3	
Theater	0325	Advanced Acting	3	
Theater	0328	Stage Combat	3	

Requirements for a Minor in Theater

Transfer credits are not accepted for credit for the minor in theater. Students must receive the permission of their advisor before starting in this program. Once the minor has been approved, students must follow the academic rules of the Department of Theater for all theater courses. Minor credit is not given for theater grades below C. Students must maintain at least a 2.0 GPA in the minor. Students with Theater averages under 2.0 for more than two semesters will be dropped from the program. Students with averages under 2.0 may not begin the program.

Requirements for the Minor in Theater

Required Courses

Department	Course #	Course Name	Hours	RCI
Theater	C110	Collaborative Art	3	
Theater	0011	Introduction to Theater Process	3	
Theater	0100	Production Practicum (Two Semesters)	2	
Theater	W303	The Classical Tradition or The Romantic Tradition	3	WI
	W304	The Romantic Tradition or Modern Directions	3	WI
	0305	Modern Directions	3	

** Plus three courses from the selection below for a total of 20 s.h.**

The minor course studies should be developed with an advisor in the Department of Theater.

Additional courses for students interested in theater history and literature

Department	Course #	Course Name	Hours	RCI
Theater	W303	The Classical Tradition	3	WI
	0305	Modern Directions	3	
	0372	History of Modern Scenic Design	3	
	W304	The Romantic Tradition	3	WI
	0307	Seminar in Drama	3	
	0363	History of Costume and Architectural Decor	3	

Additional courses for students interested in theater performance

Department	Course #	Course Name	Hours	RCI
Theater	C025	Acting for Non-Majors	3	AR
	0120	Basic Acting II	3	
	0126	Basic Acting Technique	3	
	0225	Intermediate Acting	3	
	0325	Advanced Acting	3	
	0121	Voice for the Actor	3	
	0123	Basic Movement	3	
	0127	Speech for the Actor	3	
	0223	Movement for the Actor	3	

Additional courses for students interested in theater design and technology

Department	Course #	Course Name	Hours	RCI
Theater	0041	Technical Theater Production	3	
	0276	Scene Painting I	3	
	0351	Lighting for the Theater	3	
	0360/0361	Costume Design I/Costume Design II	4	
	0341	Technical Direction for the Theater	3	
	0243	Introduction to Design	3	
	0373	Drawing and Rendering Technique	3	
	0352/0353	Lighting Design I/Creativity in Lighting	3	
	0378/0379	Scene Design I/Scene Design II	3	

Additional courses for students interested in theater producing/directing

Department	Course #	Course Name	Hours	RCI
Theater	0041	Technical Theater Production	3	
	0246	Stage Management I	3	
	C025	Acting for Non-Majors	3	AR
	0335	Introduction to the Director's Art	3	
	0243	Introduction to Design	3	

The following are suggested four-year course plans for the student entering with no high school deficiencies and passing the placement tests in English and mathematics:

General Theater Studies

First Year

Department	Course #	Course Name	Hours	RCI
Theater	0011	Introduction to the Theater Process	3	
	0027	Introduction to Acting	3	
	0119	Creativity: Basic	3	
	0100	Production Practicum (Both Semesters)	2	
English	C050/R050	College Composition (First Semester – Core)	3	CO/RS
Intellectual Heritage	X051	Intellectual Heritage (Second Semester)	3	IA
Core		Core Elective: American Culture	3	AC
Core		Core Elective: Quantitative Reasoning A core (First Semester)	3	QA
Core		Core Elective: Quantitative Reasoning B core (Second Semester)	3	QB
Electives		Select 2: Open Electives	6-8	

Second Year

Department	Course #	Course Name	Hours	RCI
Theater	0041	Technical Theater Production	3	
	0243	Introduction to Design	3	
	0100	Production Practicum (both semesters)	1	
Elective		Select One: Theater or Open Elective	3-4	
Intellectual Heritage	X052	Intellectual Heritage (Core)	3	IB
Core		Core Elective: Science A (First Semester)	4	SA
Core		Core Elective: Science B (Second Semester)	3-4	SB
Core		Select One: Core Elective	3	
Elective		Select One: Open Electives	3-4	
Art History		(Theater Core) (See Advisor)	3	
		Exploratory Concentration ¹ (See Note at End)		

Third Year

Department	Course #	Course Name	Hours	RCI
Theater	W303	The Classical Tradition	3	WI
	W304	The Romantic Tradition	3	WI
	0100	Production Practicum (Both Semesters)	2	
Elective		Select One: Theater or Open Elective 3-	4	
Core		Non-Dramatic Literature (Theater Core)	3	
Core		Core Elective: Language or International Studies	3-4	LA or IS
Core		Core Elective: Language or International Studies	3-4	LB or IS
Core		Core Elective: Individual and Society	3	IN
Elective		Select Two: Open Electives	6-8	
		Exploratory Concentration ¹ (See Note at End)		

Fourth Year

Department	Course #	Course Name	Hours	RCI
Theater	0305	Modern Directions	3	
	0307	Seminar in Drama	3	
	0372	History of Modern Scenic Design	3	
	0312	American Musical Theater	3	
	0335	Introduction to Director's Art	3	
	0100	Production Practicum (Both Semesters)	2	
Elective		Select Two: Theater or Open Electives	6-8	
Electives		Select Three: Open Electives	9-12	
		Exploratory Concentration ¹ (See Note at End)		

Acting Emphasis

First Year

Department	Course #	Course Name	Hours	RCI
Theater	0011	Introduction to Theater Process	3	
	0027*	Introduction to Acting	3	
	0100	Production Practicum (Both Semesters)	2	
	0119*	Creativity: Basic	3	
English	C050/R050	College Composition (First Semester)	3	CO/RS
Intellectual Heritage	X051	Intellectual Heritage (Second Semester)	3	IA
Core	Elective	American Culture	3	AC
Core	Elective	Quantitative Reasoning A core (First Semester)	3	QA
Core	Elective	Quantitative Reasoning B core (Second Semester)	3	QB
Elective		Select One: Open Elective	3-4	

Second Year

Department	Course #	Course Name	Hours	RCI
Theater	0041	Technical Theater Production	3	
	0100	Production Practicum (Two Semesters)	1	
	0121*	Voice for the Actor	3	
	0123*	Basic Movement	3	
	0126*	Basic Acting Technique	3	
	0243	Introduction to Design	3	
IH	X052	Intellectual Heritage (Core)	3	IB
Core		Core Elective: Science A (First Semester)	4	SA
Core		Core Elective: Science B (Second Semester)	3-4	SB
		Elective or Exploratory Concentration ¹ (See Note at End)		
		Art History (Theater Core) (See Advisor)		

Third Year

Department	Course #	Course Name	Hours	RCI
Theater	0127*	Speech for the Actor	3	
	0225*	Intermediate Acting	3	
	W303	The Classical Tradition	3	WI
	W304	The Romantic Tradition	3	WI
	0328	Stage Combat	3	
	0100	Production Practicum (Both Semesters)	2	
Core		Core Elective: Language or International Studies	3-4	LA or IS
Core		Core Elective: Language or International Studies	3-4	LB or IS
Core		Core Elective: Individual and Society	3	IN
		Non-Dramatic Literature (Theater Core) (See Advisor)		
		Exploratory Concentration ¹ (See Note at End)		

Fourth Year

Department	Course #	Course Name	Hours	RCI
Theater	0305	Modern Directions	3	
	0307	Seminar in Drama	3	
	0372	History of Modern Scenic Design <i>or</i>	3	
	0312	American Musical Theater	3	
	0325*	Advanced Acting	3	
	0326*	Thesis for Acting Emphasis	3	
	0329*	Theater as a Profession	3	
	0335	Introduction to the Director's Art	3	
	0100	Production Practicum (Both Semesters)	2	
Electives		<i>Select Two:</i> Open Electives	3-4	
		Exploratory Concentration ¹ (See Note at End)		

Note: Asterisk (*) indicates required course for the Acting Emphasis. Each course in this Emphasis must be passed with a B or better in order to move on to the next level.

Design Emphasis

First Year

Department	Course #	Course Name	Hours	RCI
Theater	0011	Introduction to Theater Process	3	
	0027	Introduction to Acting	3	
	0041	Technical Theater Production	3	
	0119	Creativity: Basic	3	
	0100	Production Practicum (Both Semesters)	2	
English	C050 / R050	College Composition (First Semester)	3	CO / RS
Intellectual Heritage	X051	Intellectual Heritage (Second Semester)	3	IA
Core		Core Elective: American Culture	3	AC
Core		Core Elective: Quantitative Reasoning A (First Semester)	3	QA
Core		Core Elective: Quantitative Reasoning B (Second Semester)	3	QB
Elective		Open Elective	3-4	

Second Year

Department	Course #	Course Name	Hours	RCI
Theater	0243	Principles of Design	3	
	0351	Lighting for the Theater	3	
	0373	Drawing and Rendering Techniques	3	
	0352	Lighting Design I <i>or</i>	3	
	0378	Scene Design I <i>or</i>	3	
	0360	Costume Design I	4	
	0100	Production Practicum (Both Semesters)	2	
IH	X052	Intellectual Heritage (Core)	3	IB
Core		Core Elective: Science A (First Semester)	4	SA
Core		Core Elective: Science B (Second Semester)	3-4	SB
Core		Core Elective: Individual and Society	3	IN
		Art History (Theater Core) (See Advisor)	3	

Third Year

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Theater	W303	The Classical Tradition	3	WI
	W304	The Romantic Tradition	3	WI
	0341	Technical Direction for the Theater	3	
		<i>or</i>		
	0351	Lighting for the Theater	3	
		<i>or</i>		
	0367	Costume Production	3	
		<i>and</i>		
	0363	History of Costume and Architectural Décor	3	
	0378	Scene Design I	3	
		<i>or</i>		
	0352	Lighting Design I	3	
		<i>or</i>		
	0368	Draping and Flat Pattern Drafting	3	
	0100	Production Practicum (Both Semesters)	2	
Elective		Choose One: Theater or Open Elective	3-4	
Core		Core Elective: Language or International Studies	3-4	LA or IS
Core		Core Elective: Language or International Studies	3-4	LB or IS
Elective		<i>Select One:</i> Open Elective		
		Non-Dramatic Literature (Theater Core) (See Advisor)		
		Exploratory Concentration ¹ (See Note at End)		

Fourth Year

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Theater	0305	Modern Directions	3	
	0307	Seminar in Drama	3	
		<i>or</i>		
	0372	History of Modern Scenic Design	3	
		<i>or</i>		
	0312	American Musical Theater	3	
	0335	Introduction to the Director's Art	3	
	0353	Creativity in Lighting	3	
		<i>or</i>		
	0379	Scene Design II	4	
		<i>or</i>		
	0361	Costume Design II	3	
	0100	Production Practicum (Both Semesters)	2	
Elective		<i>Select Two:</i> Open Electives	6	
		Exploratory Concentration ¹ (See Note at End)		

¹Exploratory concentration 12 s.h. in any one department or interdisciplinary study planned with the student's advisor and approved by the Department Chair. The concentration may include the required course in art history or the required course in non-dramatic literature. It may not include English C050. You could begin taking the concentration starting second semester freshman year, or if your schedule permits it could be done in one semester.



FOUNDED: 1919

Kent McGuire, Dean
 238 Ritter Annex
 1301 Cecil B. Moore Avenue
 Philadelphia, PA 19122-6091
 215-204-8011
 www.temple.edu/education
 educate@temple.edu

Jeremy Wagner, Assistant Director of Student Services
 247 Ritter Hall Annex
 215-204-6010
 jwagner@temple.edu

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
 Hours = credit hours
 RCI = Required Core Indicator

MISSION STATEMENT

The mission of the College of Education embodies the University’s populist education vision – “that opens opportunities for university study to persons in every status and condition and that is dedicated to excellence in the education it provides them.” The College’s mission is based on a dynamic and delicate synthesis between two endeavors: advancing education through scholarship and service, and the preparation and development of educators. The mission is to produce and disseminate knowledge that grows from examining issues and problems relating to educational practice and contexts, and prepare skilled, reflective educators who use scholarly knowledge, systematic inquiry, and rigorous (or carefully conducted) research in their professional practice. This mission is a commitment to improving educational institutions, professional practice and the education of educators.

In carrying out this mission, the College recognizes its special obligation and the opportunities presented by being situated in urban Philadelphia and our culturally rich metropolitan area. The College makes a primary commitment to the improvement of educational institutions and practices that can help meet the diverse needs of this region. These include, particularly, the underserved urban community where Temple University is located, and the urban contexts of the Commonwealth of Pennsylvania in general. This commitment involves:

- Collaborative projects with school districts and other institutions to improve professional preparation programs and shape educational research;
- Practice sensitive research projects aimed at development and validation of improved methodologies, and policy and evaluation research aimed at validation and/or improvement of educational programs;
- Partnership activities that examine critical issues such as economic and cultural diversity, organization of schooling, student behavior and violence, technological change, ecological damage, and democracy in schools and the workplace.

This mission acknowledges education to be an integrative process occurring throughout life in varied social settings.

HISTORY

While the official date for the founding of the College of Education is usually given as 1919, the College has included teacher preparation as part of its curricula almost from its inception. It is clear from Temple’s history that the unofficial founder of the College was Laura Carnell, who began a program for the preparation of kindergarten teachers as early as 1895. This preparation program was expanded into elementary and then secondary areas largely in response to the Philadelphia School District’s decision that higher positions in the City’s school system would be open only to those with a college degree. In response to this need, the College began offering two, three and four year programs to teachers, as well as extension work, day and evening courses, five days a week and on Saturday morning. This intimate relationship between the College and the School District of Philadelphia characterizes almost all of the College’s history. The College was one of the first institutions to schedule courses so that teachers could take them after school hours. Programs of graduate study at the master’s level were introduced in 1923, with the Doctor of Education being first awarded in 1931.

The first dean of the College was George Walk, who took over “Teachers College” in 1919 from Laura Carnell (the official name was changed to the “College of Education” in 1960). At present, there are four departments in the College: Curriculum, Instruction, and Technology in Education, Educational Leadership and Policy Studies, Kinesiology, and Psychological Studies in Education.

In summary, throughout its history Temple’s College of Education has had an enormous impact on the local, regional, national and international educational community. It has always been the largest college of education in the region and one of the largest in the country. The College also has always been, and continues to be, the major provider of teachers for the Philadelphia School District and for many of the suburban districts. A large majority of the principals and superintendents of the neighboring regions have received their degrees from Temple. Many of the school psychologists, counselors, educational researchers and other educational professionals have been trained at Temple. In a very real sense, the College of Education has shaped the educational direction of the region, a statement that no other institution can easily make.

ACCREDITATION

Undergraduate programs in the College of Education are designed for a multitude of professional applications. While a majority of its students seek certification to teach in elementary and secondary schools, the College also has programs that prepare athletic trainers, exercise scientists, and those who seek to work in educational settings in business and industry. The Pennsylvania Department of Education approves programs leading to certification. The Pennsylvania Department of Education maintains reciprocity agreements with many of the states in the region. The College of Education is a Member of the Holmes Group, the American Association of Colleges for Teacher Education, the Association of Colleges and Schools of Education in State Universities and Land Grant Colleges, the Pennsylvania Association of Colleges and Teacher Educators, and the University Council for Educational Administration. All College of Education teacher education programs are accredited by the National Council for Accreditation of Teacher Education.

ADMISSIONS

Students are considered for admission into the College of Education upon meeting University criteria. Entrance is encouraged at the freshman level. Note that admission to the College of Education does not assure admission to a teacher certification program. Admission to teacher certification programs is contingent upon the successful completion of required courses and tests. Preference is given to students whose grades are exemplary and who have demonstrated a high potential for excellence in teaching in their early professional education courses.

In order to be considered for admission to the undergraduate degree program, students must meet proficiency requirements as determined by Temple University admissions criteria. To be admitted to a professional certification program, students must meet the following requirements:

- Completion of a minimum of 48 semester hours with a minimum overall GPA of 3.0.*
- Completion of the University Core requirements, including 6 credits of mathematics and 6 credits of English/literature.
- A grade of C or higher in courses required for the undergraduate degree at Temple.

- Basic skills proficiency/pass scores for the Pre-Professional Skills Test (PPST) in the areas of Reading (0172), Writing (0173), and Mathematics (0173). (Note: Students are required to pass with these scores in the state of Pennsylvania.)
- Pass a speech assessment (certified clinician; standards-based).
- Pass with a C+ or higher in general professional education courses: Ed 0122 and Ed 0255.
- Additional information which may be required by the Pennsylvania Department of Education, including options for admissions if selected criteria are not met.
- Students must be admitted to a certification program in order to enroll in the professional certification sequence and student teaching. Recipients of baccalaureate degrees from other colleges (including those within Temple University) and universities should apply directly to the Graduate School for admission to post-baccalaureate degree or certification programs.

**(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)*

Transfer Students

Students who wish to transfer to the College of Education from another institution must be admitted through the Temple University Office of Undergraduate Admissions. Transfer credits will be evaluated in the Admissions Office in accordance with College of Education and University policy.

Changes in Program Requirements

Students should be aware that a major revision of most undergraduate teacher certification programs occurred for students admitted to the College of Education after July 1, 1999. In addition, the Special Education curriculum underwent further revisions in 2003. These changes have been reflected in this *Bulletin*. Students are encouraged to check with the Office of Student Services, or with the Department of Curriculum, Instruction and Technology in Education, to verify the requirements that pertain to their specific case. In addition, you should check the Web version of the *Undergraduate Bulletin* for the most current information about College of Education program requirements at the Program Descriptions section, or the College of Education's Web page at www.temple.edu/education/.

Students admitted into the College of Education prior to July 1, 1999, and who have been continuously enrolled, are affected by the requirements in place when they were admitted.

FINANCIAL AID, SCHOLARSHIP INFORMATION

Also see **Financial Aid**.

Special Scholarships and Aid

The Mario D. Fantini Scholarship – This is an annual scholarship renewable each year, leading to the bachelor's degree. The recipient must maintain a 3.0 GPA to be eligible for renewal each year. Bill Cosby, a University Trustee, established the scholarship with his wife, Camille, in memory of Mario D. Fantini, distinguished educator and alumnus of the University. The scholarship is designed to produce persons of excellence, committed to educational excellence for others, who transcend artificial barriers to make a difference in education. All applicants must be graduates of South Philadelphia High School and must be pursuing a career in education. The first Fantini Scholarship was awarded in 1990, for up to four years. The recipient was selected by the President of Temple from recommendations sent to a Temple scholarship committee. The faculty of South Philadelphia High School makes nominations for the scholarship. Applications may be obtained from the guidance counselors at the high school. Students who are interested in this scholarship should contact the Dean of the College of Education.

Benjamin Rosner Memorial Loan Fund – Short-term emergency loans are available to undergraduate and graduate students who are degree candidates. Information and applications are available in the Advising Office, Ritter Annex, Room 238.

Dr. Alfred and Shirley Freeman Scholarship – Established in 1998 by Alfred (CLA '49, MED '53) and Shirley (EDU '47) Freeman to provide scholarships for junior or senior students majoring in elementary education who have demonstrated academic achievement and financial need.

Dr. Mildred Rice Jordan Scholarship – Established in 2002 by Mildred Rice Jordan, (EDU '65, '89) to provide scholarships for College of Education students who have a desire to teach in an urban school district.

Dalibor W. Kralovec Scholarship – Established in 1999 by a bequest from Olga Kralovec to provide scholarships for junior or senior students in the College of Education who have demonstrated academic achievement and financial need.

Dr. Margaret J. Messinger

Scholarship – Established in 1999 by LeRoy J. Messinger (CLA '62) to provide scholarships for undergraduate students in the College of Education and graduate students in educational or school psychology who have demonstrated academic achievement and financial need.

Jane Adams Scholarship in Education Fund – Established in 2004 by the Andrew Allen Charitable Foundation to provide scholarships for students with an interest in embarking upon a career teaching special education.

Kenneth Brennen Scholarship Fund – Established in 2002 by Kenneth Brennen (CLA '62, '66), to provide scholarships for secondary education majors who are pursuing teacher certification in physics or chemistry and who demonstrate financial need.

Comcast-Central High School Endowed Scholarship Fund

– Established in 2001 by Comcast Cable Communications, Inc. to provide scholarships for College of Education students who have demonstrated academic achievement and financial need, with preference to graduates of Central High School who have demonstrated a commitment to teach at least three years in the School District of Philadelphia.

Robert J. Flynn Endowment Fund – Established in 2000 by Robert J. Flynn (EDU '54) to provide scholarships to College of Education students who have demonstrated academic achievement and financial need.

Eva and Nathan Garfinkle Endowment Scholarship Fund – Established in 1988 by the family of Eva (EDU '33) and Nathan (EDU '31) Garfinkle to provide scholarships for junior or senior education majors who are pursuing a teaching or leadership career and have demonstrated academic achievement and financial need.

Bernard and Marie Granor Endowment Fund – Established in 1999 by Granor's children Bernard (CLA '51, LAW '53) and Marie Brichta (EDU '52) in honor of their 45th wedding anniversary, to provide an award for one or more undergraduate education majors for the purpose of purchasing books and/or other required course materials.

Edna R. Green Scholarship in Education Fund – Established in 2003 by Edna R. Green (EDU '34) to provide scholarships for secondary education students with financial need who plan to teach general science, chemistry or physics with preference given to graduates of the Philadelphia High School for Girls.

Emma Johnson Scholarship Fund – Established to provide scholarships for students majoring in elementary education.

Dilys Martha (EDU '56) and Martha Ann Jones Scholarship Fund – Established in 1996 by David T. Jones to provide scholarships for students in the College of Education who have demonstrated academic achievement and financial need.

Schlimm Family Endowed Education Scholarship Fund – Established in 2000 by Loraine Schlimm (EDU '33) and Roxanne Schlimm (SBM '34) to provide scholarships for current freshmen or incoming students in the College of Education who have demonstrated academic achievement and financial need, with preference given to graduates of Philadelphia High School for Girls.

PROFESSIONAL PROGRAMS AND TEACHER CERTIFICATION

Professional Educator Programs

The College of Education strives to prepare caring, competent, and qualified professionals for educational settings. Aspiring teachers must know the content they will teach, know how to teach the content, and meet high standards of teacher professionalism. To this end, programs in the College of Education are conceptualized around the notion of **valuing the diversity** of individual learners. We believe in the inherent worth of learners and that in schools and classrooms, as in society, diversity is a resource for learning, not an obstacle to be overcome. The diversity of learners is addressed through the following:

- Imparting a thorough knowledge of subject matter and familiarity with the pedagogy, educational technology, and competencies essential to professional practice;
- Contributing to the development of the scientific aspect of education through emphasis on the spirit of inquiry and development of research skills;
- Promoting improvement in education as a field of both theoretical and applied scholarship;
- Evolving such types of preparations as shall ensure the broadest possible social as well as academic and professional education in a dramatically changing world;
- Developing educational personnel able to contribute effectively in a pluralistic society;
- Discovering, through research by students and faculty, new knowledge in the field of education.

Teacher Certification

Temple provides a variety of ways to obtain certification to teach in public elementary and secondary schools. The major routes to certification are as follows:

- **Through undergraduate programs in the College of Education.** Students who have met the University's admission criteria can request matriculation in the College of Education. There are four broad categories of teaching certificates offered through the College: Elementary Education (for teaching in elementary schools through the sixth grade); Secondary Education (in English, Foreign Language, Mathematics, Science, or Social Studies); and Career and Technical Education (formerly Vocational/Technical Education). Students who are in the Elementary Education Program must also choose an additional area of certification in either Early Childhood Education or Special Education.
- **Through the Five-Year Master's/Secondary Education Certification Program.** Students who meet specific admissions criteria may be conditionally admitted into the Graduate Certification Program while still undergraduates. The Five-Year Program offers the opportunity for undergraduates from the Colleges of Liberal Arts and Science and Technology to obtain an undergraduate degree while simultaneously pursuing a Master's and Secondary Teaching Education Certification. Qualified students who are accepted into this competitive program enroll in graduate-level courses beginning in the fall semester of the junior year. Upon successful completion of the undergraduate degree, students make a seamless transition into graduate studies in the College of Education for one additional year. After satisfying all graduate program requirements, students are awarded a Master's in Education with Secondary Teacher Certification. Development of a Five-Year Master's/Elementary Education Certification Program is anticipated. Please consult this Web site www.temple.edu/bulletin/ed_generalinfo.htm for updates about this program.
- **Through the Graduate Certification Program in the College of Education.** Students who have a bachelor's degree from an accredited university in a field outside of education may earn an Intern and/or an Instructional I certification plus a Master of Education degree. Programs are available in

Elementary, Secondary, Special Education, Career and Technical Education, and Health and Physical Education. In some cases prerequisite courses are required.

- **Through undergraduate and graduate programs in other colleges.** Certification in a variety of areas outside of those provided through the College of Education or through the Five-Year Teacher Certification program is provided by several other colleges. These include:
 - **Art** – through the Tyler School of Art
 - **Health** – through Health Professions
 - **Health and Physical Education** – through Health Professions
 - **Home and School Visitor** – through Social Administration
 - **Music** – through the Boyer College of Music and Dance
 - **Speech** – through Communications and Theater

Students who are interested in any of these certificates should contact the Dean's office in the appropriate college. Information about all programs leading to certification can be found in the appropriate sections of this *Bulletin*.

The College of Education offers an array of post-baccalaureate programs. See the *Graduate Bulletin* for more information.

ACADEMIC ADVISING INFORMATION

Shawn Gomer, Director
215-204-8011

shawn.gomer@temple.edu

Upon enrolling in the College of Education, every student is assigned an academic advisor by the Advising Office. After students have been admitted to a Teacher Certification program, they are assigned a faculty advisor. It is strongly recommended that students meet with their advisors at least once each semester. Academic difficulties should be discussed immediately with one's advisor.

Academic Advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

ACADEMIC POLICIES AND REGULATIONS

Students are responsible for complying with all University-wide academic policies that apply to their individual academic status. Additional and unique policies, or exceptions for the School or College of Education appear below. (Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the *electronic Bulletin* for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Courses Inapplicable to Certification

Students should be aware that the State of Pennsylvania requires a specific set of courses for certification. For this reason, some courses that a student may take may not count toward the courses that are required for certification recommendation. It is possible, for example, that a student may have accumulated enough credits to graduate, but not have the appropriate courses to be recommended for certification. This is one of the reasons why it is mandatory to meet with an academic advisor at least once per semester.

Courses Inapplicable to Graduation

Credits from ROTC and preparatory courses do not count towards the total of 128 s.h. needed to graduate.

Courses Over Five Years Old

Courses over five years are subject to review to fulfill certification requirements.

Grades in Professional Education Courses

All professional education courses must be completed with a grade of C or higher, with the exception of Ed 0122 and Ed 0255, which require a C+ or higher. Students must be aware, however, that the State of Pennsylvania has significantly increased the minimum GPA required for certification. For this reason, obtaining the minimal grade of "C" will typically not be sufficient to obtain certification.

Graduation with Certification

In rare instances, a student who is unsuccessful in meeting certification program requirements or who has less than the required grade point average(s) may be graduated without certification, provided that selected additional requirements are met as recommended by the academic advisor and approved by the department chairperson and the Associate Dean.

Transfer within the College of Education

Students must be in good academic standing in their program if transfer to another program within the College of Education is to be approved. (To transfer to another program within the College of Education, a student must complete a Declaration of Change of Concentration form. This form is available in the Office of Student Services – Ritter Annex 238 – and must be submitted, upon completion, to the Advising Office.)

COLLEGE GRADUATION REQUIREMENTS

Requirements for the Degree of Bachelor of Science in Education

The degree of Bachelor of Science in Education, with a recommendation for certification to the State of Pennsylvania, may be conferred upon a student by recommendation of the faculty and upon the successful completion of a minimum of 128 semester hours with a minimum cumulative GPA of 3.0. These credit hours must be earned in three requirement categories: (1) University Core; (2) Professional Education core; (3) Certification Courses (including student teaching) and program requirements.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the *electronic Bulletin* for up-to-date information at www.temple.edu/bulletin/academic_programs.)

General Studies Requirements, the University Core Curriculum, and the College of Education's Professional Course Sequence

Commonwealth standards for teacher certification require that at least one-third of a student's program be taken in general studies. This requirement is designed to assist individuals in their intellectual development and to provide the breadth of background needed by a teacher. This certification standard is met in all programs in the College of Education. In most cases, these general studies credits also meet the University Core Curriculum requirements.

In addition to fulfilling the general studies requirements, all undergraduate students in the College of Education must complete the Professional Education Course sequence.

These courses, along with a selected list of courses that meet the general studies requirement or the University Core requirements are listed below:

Professional Course Sequence

Department	Course #	Course Name	Hours	RCI
Education	X060	Education and Schooling in America	3	AC, WI
Education	0122	The Developing Individual Across the Lifespan	3	
Education	0155	Inclusive Education for a Diverse Society	3	
Education	0205	Curriculum Instruction and Technology	3	
Education	0206	Assessment and Evaluation	3	
Education	0224	Service Learning	2-3	
Education	0225	Field Experience: Managing the Contemporary Classroom	3	
Education	0255	Effective Use of Instructional Technology in Classrooms	3	
Total			23-24	

Note: Ed 0122 and Ed 0255 must be passed with a C+ or better.

Other Requirements for College of Education Students

In addition to taking the required courses above, all students in the College of Education must meet the following requirements. Most of these requirements are determined by the University Core Curriculum. Exceptions, exclusions, and additions to these requirements are noted in the individual program descriptions.

Composition/Writing

In addition to taking Composition C050, all students must complete five writing intensive courses. Three of these courses will be Intellectual Heritage X051 and X052, and the College of Education capstone course in the student's major area.

Literature

A minimum of one course in literature offered by the English or Foreign Language departments is required, 3 credit hours.

Mathematics/Statistics/Logic

All students must take two college-level mathematics courses from those meeting Core requirements. 6-8 credit hours.

Science and Technology

All students must take a minimum of two courses, one first-level course and one second-level course, from one scientific field. 8 credit hours. (Note: Students in the Elementary Education program must take an additional semester of science.)

Social Science

In addition to Psychology C060 (Psychology as a Social Science), all students are required to take at least one additional course selected from the departments of African American Studies, Anthropology, Economics, Geography and Urban Studies, Political Science, Psychology, or Sociology, 3 credit hours.

History

All programs in the College require that students take either History C067 (History of the United States to 1877) or C068 (History of the United States since 1877). 3 credit hours.

The Arts

At least one Core course in performance, appreciation, or history of the arts is required, 3 credit hours.

Language or International Studies

At least two courses are required. The list of courses meeting the Core requirements is available from advisors, 6 credit hours.

American Culture

At least one course is required. This requirement can be met through Education X060/C060 (Education, Schooling, and the Individual in U.S. Society), or by History C067 or C068, 3 credit hours.

Race

One course in race and racism studies is required (see your advisor), 3 credit hours.

Professional Certification

All curricula leading to Commonwealth certification are organized to meet the standards established by the Pennsylvania Department of Education. Certificates for which Temple University, College of Education, undergraduate students may be recommended include the following:

- Art Education (See Tyler School of Art)
- Early Childhood Education
- Elementary Education
- Health Education (See Health Professions)
- Health and Physical Education
- Music (See Boyer College of Music and Dance)
- Secondary Education
 - English
- Foreign Language
 - French
 - German
 - Hebrew
 - Italian
 - Latin
 - Portuguese
 - Spanish
- Mathematics
- Science
 - Biology
 - Chemistry
 - Earth and Space Science
 - General Science
 - Physics
- Social Studies
- Social Sciences
- Special Education
- Career and Technical Education
 - Business, Computer, and Information Technology K-12 (Formerly Business Education)
 - Cooperative Education
 - Marketing Education K-12
 - Industrial (Career and Technical) Education

Graduation from the College of Education does not carry automatic endorsement for state certification. Students desiring certification must hold the appropriate degree and fulfill competency requirements, be recommended by the College of Education, and submit the required application form. Recommendations are predicated upon successful completion of all academic and statutory requirements and on the fitness of the individual for the professional position.

Students not obtaining Pennsylvania State Teacher certification within five years of completing their programs must take additional coursework before the College of Education will recommend them for certification.

In addition, all students seeking certification are required by the State of Pennsylvania to pass the relevant parts of the Pennsylvania Teacher Certification Testing Program in order to be eligible for teacher certification. As of September 1, 2000, the required tests include the Praxis I and Praxis II batteries. Students should check with the Office of Student Services for the current regulations.

Physical and Medical Standards

All students must meet certain health standards to obtain an Instructional Certificate to teach in the public schools of Pennsylvania. Physical and medical standards for certification and employment vary considerably from one state to another and from one school district to another within the same state. Students expecting to apply for positions in certain school districts should determine what the standards are in evaluating their own prospects for employment. The specific requirements for a given school district may be determined by writing to the appropriate official. Some representative statements of standards are on file in the Office of the Dean. Any student with a medical problem or a physical handicap is urged to consult this office and the Health Services staff to ascertain suitability for the teaching profession. State law provides that each student participating in the school must take the tuberculosis test required of teachers and other school employees. A report of the test obtained no earlier than six months prior to the first contact with schoolchildren shall be valid for a period of two calendar years.

Diagnostic Speech Assessment

Candidates for teacher certification are given a diagnostic speech assessment. Additional diagnostic testing may be required and corrective actions may be taken to remediate problems. Decisions about remedial efforts and student eligibility to continue in a program will be determined by the Department Chairperson of the department in which the student is enrolled and approved by the Associate Dean of the College of Education.

Performance Assessment

In addition to the teacher certification tests (Praxis I and Praxis II tests) required by the Pennsylvania Department of Education, students are required to complete three performance assessments in order to gauge the extent to which they (a) know the content they will teach, (b) can teach the content, and (c) embody the professional attributes required of professional educators. The performance assessments occur at three points in the undergraduate program: initially when prospective students are being admitted to certification programs (candidacy); in the junior year, prior to student teaching (intermediate assessment); and before graduation, while student teaching (senior assessment). In addition to assessing and informing candidates about their teaching, the performance assessments are intended for use by faculty as a tool for program evaluation.

Professional Education Portfolio

After being admitted to a teacher certification program and for the duration of the degree program, students will be required to maintain a professional education portfolio in either electronic or hard copy form. Faculty will use the portfolio to complement the performance assessment activity described above. The specific requirements for the portfolio will be available from the student's faculty advisor.

Student Teaching

Application for student teaching placement must be made the semester prior to student teaching. Application forms are available on-line at <https://atlas.ocis.temple.edu/coe>. The following due dates are in effect: September 15th for spring semester placements and February 1st for fall semester placements. Contact information for academic departments can be found under the listing for each individual program.

PROGRAM REQUIREMENTS

APPLIED COMMUNICATION FOR PROFESSIONAL EDUCATORS

Joseph Folger, Coordinator
215-204-1890

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

This degree prepares students who are interested in a career in education and training, but who are not planning to pursue a conventional teacher certification track. Students in this major are provided with critical knowledge and skills in how to construct and facilitate effective learning and change situations in organizational, community, and professional contexts.

Requirements

- Must complete 33 credit hours in the major
- Complete the following course requirements in Adult and Organizational Development (AOD)

Prerequisite Core Course Requirements

Students must complete the following two courses with a minimum grade of "C" to be admitted to the Applied Communication for Professional Educators major:

Required Courses

Department	Course #	Course Name	Hours	RCI
AOD	W051	Introduction to Communication for Educators	3	WI
AOD	0066	Interpersonal Communication through the Lifespan	3	
Total			6	

Required Courses for the Major

Department	Course #	Course Name	Hours	RCI
AOD	0114	Conflict Resolution in Education	3	
AOD	0176	Team Process in Education	3	
AOD	0201	Research Methods in Communication Sciences	3	
AOD	0214	Conflict and Communication	3	
AOD	0215	Mediation: Principles and Practice	3	
AOD	0315	Negotiation Processes	3	
AOD	0350	Organizational Communication	3	
AOD	0376	Facilitating Group Decision-making	3	
AOD	0380	Field Research: Conflict Practice in Professional Settings	3	
Total			27	

Electives

Department	Course #	Course Name	Hours	RCI
AOD	0117	Nonverbal Communication	3	
AOD	0218	Leadership and Communication	3	
AOD	0396	Internship in Applied Communication: Adult and Organizational Development	3	
Total			9	

CAREER AND TECHNICAL EDUCATION

Dr. Thomas J. Walker, Program Director
215-204-8374
Ms. Joy Barcus, Undergraduate contact
Ritter Hall 346
215-204-8376

joybarcus@comcast.net

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Career and Technical Education programs prepare teachers for secondary, K-12, and post-secondary classrooms in the fields of business, marketing and distribution, health occupations, gainful home economics, industrial occupations, and off-farm agriculture.

BUSINESS, COMPUTER, AND INFORMATION TECHNOLOGY EDUCATION (formerly Business Education)

Dr. Victor Gbomita, Program Advisor
Ritter Hall 356
215-204-6226

vgbomita@temple.edu

1. The total number of credit hours at graduation may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
2. Certain courses fulfill multiple requirements. In consultation with your advisor, you will be able to plan your curriculum more effectively.
3. Students must fulfill the necessary prerequisites for any given course or course sequence. See the prerequisite and co-requisite policy in University-wide Academic Policies in this Bulletin.

This curriculum is designed to prepare students who expect to teach business subjects from K-12 and the junior college level in public and private schools. Two areas of content are combined in order to provide the student with a general education, a field of specialization, and professional training. Moreover, the curriculum aims to combine these elements in such proportions as to give students the balanced perspective of the relation that business education bears to education as a whole.

Prior to enrolling in student teaching (Student Teaching in Sec Ed 0384), BCIT students must have completed (with a 3.0 cumulative average) the Business Education, Career and Technical Education, and professional course sequence requirements as well as academic specialization.

General Studies, Pre-professional Course Sequence and Core Requirements

Several restrictions and additions to the requirements listed above apply to students in this program.

1. All students must take English W104 (Writing for Business and Industry) as an additional Writing and Composition requirement.
2. All students must take a Statistics course.

Academic Specialization

Department	Course #	Course Name	Hours	RCI
Accounting	0001	Principles of Accountings I	3	
Accounting	0002	Principles of Accounting II	3	
Accounting	0011	Intermediate Accounting I	3	
		or		
Accounting	0126	Accounting Information System		
CIS	C055	Computers and Applications	4	SB
CIS Electives		Select one elective	3	
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
English	W104	Writing for Business and Industry	3	WI
Finance	0101	Introduction to Finance Markets*	3	
HRM	0083	Organization and Management	3	
HRM Elective		Select one elective	3	
Law and Business	0101	Law of Contracts	3	
Law and Business	C001	Law and Society	3	IN
Marketing	W160	Consumer and Buyer Behavior	3	WI

Note: Intermediate Accounting I and II and Accounting Information Systems must be taken in the junior or senior years.

*Introduction to Finance Markets: Prerequisite Completion of Lower Level Division FSMB course

TOTAL HOURS REQUIRED FOR GRADUATION

128

Certification Requirements/Experiences

Department	Course #	Course Name	Hours	RCI
BE	0241	Methods of Teaching Microcomputer Applications	3	
CTE	0101	Principles of Career and Technical Education	3	
CTE	0102	Teaching Strategies in Career and Technical Education	3	
ED	0384	Student Teaching in Sec Ed	9	
ED	0388	Senior Seminar and Performance Assessment	3	
Total			21	

CAREER AND TECHNICAL EDUCATION

Dr. Thomas J. Walker, Lead Professor
215-204-8374

Ms. Joy Barcus, Undergraduate contact
Ritter Hall 346
215-204-8376

joybarcus@comcast.net

1. The total number of credit hours at graduation may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
2. Certain courses fulfill multiple requirements. In consultation with your advisor, you will be able to plan your curriculum more effectively.
3. Students must fulfill the necessary prerequisites for any given course or course sequence. See the prerequisite and co-requisite policy in University-wide Academic Policies in this Bulletin.

This curriculum leads to a B.S. in Education degree (with a specialization in teaching or technical training in industry). The courses taken satisfy requirements for state certification in career and technical education and for the degree and are available on a part-time basis.

General Studies, Professional Course Sequence and Core Requirements

Several restrictions and additions to the requirements listed above apply to students in this program.

1. All students must take English W104 (Writing for Business and Industry) as an additional writing and composition requirement. 3 s.h.
2. All students must take Statistics C011 (Basic Quantitative Foundations for Business and Economics) as an additional Mathematics requirement.
3. To meet the requirements in Social Science, all students must take Economics C051 (Macroeconomic Principles), and Sociology R064 (American Ethnicity). 6 s.h.

Certification Requirements/Experience

Department	Course #	Course Name	Hours	RCI
CTE	0101	Principles of Career and Technical Education	3	
CTE	0102	Teaching Strategies in Career and Technical Education	3	
CTE	0103	Curriculum in Career and Technical Education	3	
ED	0385	Student Teaching in Sec Ed/CTE	9	
CTE	0315	Credit By Exam	24	
CTE	0399	Supervised Work Experience	1-6	
Sub Total			42	

Note: Career and Technical Education 0399 is not required for students entering the program with appropriate occupational experience and who have passed the state's occupational competence test. Such students, who are matriculated and have completed 90 s.h. of acceptable coursework, may arrange to have up to 24 s.h. recorded toward their degree through payment of the required fees.

For certification in Industrial Education, there is an occupational experience and an occupational competency requirement. To become certified, the student must pass an Occupational Competency Examination (or the equivalent) and complete two years of occupational experience beyond the time needed to learn the occupation.

Department	Course #	Course Name	Hours	RCI
Electives (Open)			3-8	

TOTAL SEMESTER HOURS

128

MARKETING EDUCATION

(formerly Marketing and Distributive Education)

Dr. Jerome I. Leventhal, Lead Professor

Ritter Hall 334

215-204-6076

jerome@temple.edu

This curriculum prepares students who expect to teach marketing education in K-12 and/or post-secondary classrooms settings. Emphasis is also given to the role of the teacher-coordinator in developing cooperative work experience programs in local business communities. The curriculum develops the student's ability to work with training programs in all settings (suburban, rural, urban), including programs involving disadvantaged students and youth leadership.

Work experience in marketing (distributive) occupations is required for state certification; this requirement may be met by past work experience and/or by completion of a Supervised Work Experience (Career and Technical Education 0399).

The advisor should be consulted when planning a program in Marketing Education including the required 56 s.h. in general studies.

Prior to enrolling in student teaching (Student Teaching in Sec Ed 0384), Marketing Education students must have completed all other program requirements and have a 3.0 overall GPA.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

General Studies, Professional Course Sequence and Core Requirements

The following restrictions apply to students in this program.

To meet the requirements in *Social Science*, all students must take Economics C051 (Macroeconomic Principles).

To meet the requirements of *Language or International Studies*, all students must take at least two courses from those that meet the Core requirement in this area. One of these must cover non-Western or third world culture, 3-6 s.h.

American Culture Requirement

Department	Course #	Course Name	Hours	RCI
Education	X060	Education, Schooling, in America	3	AC, WI

Marketing Education Requirement

Department	Course #	Course Name	Hours	RCI
MDE	0220	Product Information	3	
MDE	0221	Color, Design, and Fashion	3	
MDE	0222	Teaching Salesmanship, Advertising, and Display	3	

Plus the required marketing and business course in the School of Business

Career and Technical Education Requirement

Department	Course #	Course Name	Hours	RCI
CTE	0101	Principles of Career and Technical Education	3	
CTE	0102	Teaching Strategies in Career and Technical Education	3	
ED	0384	Student Teaching in Sec Ed	9	
ED	0388	Senior Seminar & Performance Assessment	3	
CTE	0324	Cooperative Education	3	
CTE	0330	Coordination Methods	3	
CTE	0399	Supervised Work Experience	3	

Academic Business Specialization

Department	Course #	Course Name	Hours	RCI
Accounting	0001	Principles of Accounting I	3	
Advertising	0055	Introduction to Advertising	3	
Law and Business	0101	Law of Contracts	3	
Marketing	0081	Introduction to Marketing	3	
Marketing	W160	Consumer and Buyer Behavior	3	WI
Elective in Marketing		Select one course	3	

TOTAL SEMESTER HOURS INCLUDING CORE REQUIREMENTS 130

Certification Programs

Cooperative Education

School personnel interested in supervising students in work-based settings in Pennsylvania must be certified in Cooperative Education. This certification covers a variety of work-based settings for secondary students including capstone programs, diversified occupations programs, shadowing experiences, work experience programs, internships, and job shadowing. The skill and knowledge included in this certification program also has application to post-secondary and adult settings.

Persons wishing to become teachers of cooperative education must make application to the program and provide information about their education and experiential backgrounds. Based on the information provided, a program of studies, which includes an internship, is prepared. Persons who enter this program holding a valid teaching certificate will work toward earning an "add-on" certificate in Cooperative Education, while others will work toward a "stand-alone" certificate. Persons wishing to enroll in this program should contact an advisor.

Career and Technical Certification Program

This curriculum, which is offered in cooperation with the Pennsylvania Department of Education, is designed to prepare persons to teach vocational industrial subjects on the secondary, post-secondary, and junior college levels in public and private schools. Career and Technical Teacher Education courses may be taken on three levels: Certification, Undergraduate and Graduate. Persons who have at least two years of work experience beyond the learning period in a trade, technical, or other selected occupation may prepare for certification to teach occupational subjects or related classes in secondary schools in Pennsylvania.

Certification students must apply and be admitted to the Industrial (Career and Technical) Education Certification Program. All certification students must meet the requirements for admission to the University. In addition candidates must satisfy the departmental requirements for work experience and must have passed the required Occupational Competency Test. Students must also pass Praxis I computer-based tests before receiving the Vocational Intern Teaching Certificate. This program prepares the student for industrial teacher certification in Pennsylvania and, in general, is acceptable in other states. Work taken toward the certification objective may be applied to the undergraduate degree program. The courses are offered on a part-time basis for those who are employed on an Intern credential. Completing 18 semester hours of approved coursework and passing the occupational competency examination will permit the issuance of a Vocational Instructional I Certificate, which is valid for seven years.

Upon receipt of the Vocational Instructional I certificate, the student must complete an additional 42 s.h. of college work, earning a minimum of 6 semester hours of credit per year until the requirements for permanent certification (60 s.h. and three years successful teaching) are satisfied.

Persons wishing to enroll in this program should contact an advisor.

ELEMENTARY EDUCATION

ELEMENTARY EDUCATION

(with Early Childhood Education and/or Special Education)

Dr. Aida Nevarez-LaTorre, Lead Professor

Ritter Hall 357

215-204-6189

aida.nevarez@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Elementary Education program is designed to prepare teachers to work in programs servicing children in nursery school, kindergarten, primary, and intermediate grades. It is designed to help students gain an appreciation and understanding of children, develop personally and professionally, and acquire a sound philosophy of education.

By working directly with children several times prior to student teaching, the student can study the reactions of children of various ages to different situations and thereby gain insight into the creation of learning situations and the planning of teaching procedures which meet the needs of children.

Students must choose an additional area for certification in either Early Childhood Education or Special Education or both (a third certificate may be obtained by taking additional course work beyond the 128 credits).

Students must be accepted into the certification program prior to taking methods courses (see advisor). Observation, participation, and teaching within the practicum are further extended during student teaching where competency of teaching skills is demonstrated.

EARLY CHILDHOOD EDUCATION AND SPECIAL EDUCATION OPTIONS

Cathleen Soundy, Early Childhood Lead Professor

215-204-6129

csoundy@temple.edu

In the new undergraduate program, all students will obtain certification in Elementary Education. Students must then choose an additional area for certification in either Early Childhood Education or Special Education. In addition, a third certificate may be obtained by taking additional course work (beyond the 128 credits required for the double certificate program).

General Studies, Professional Course Sequence and Core Requirements

Several restrictions and additions to the requirements listed above (see Other Requirements for College of Education Students) apply to students in this program:

Social Science Requirement: Take two courses from the following:

Department	Course #	Course Name	Hours	RCI
Economics	C050	Introduction to the Economy	3	IN
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
Economics	0054	Economic Principles for Education Majors	3	
Economics	C055	Global Economics	3	IS
Geo. & Urban St.	X050	Environment and Society	3	IN
Geo. & Urban St.	X060	World Urban Patterns	3	IS
Geo. & Urban St.	C080	Geography of the United States and Canada	3	AC
Geo. & Urban St.	R055	Urban Society: Race, Class, and Community	3	IN/RS

Literature Requirement: Choose one of the following:

Department	Course #	Course Name	Hours	RCI
English	C056	American Literature	3	AC
English	X084	Introduction to Literature	3	AR/WI
English	W082	Introduction to Fiction	3	WI
English	0114	Survey of English Literature: Beginnings to 1660	3	
English	0115	Survey of English Literature: 1660-1900	3	
English	W116	Survey of American Literature I	3	WI
English	0117	Survey of American Literature II	3	

Linguistics Requirement: Choose one of the following:

Department	Course #	Course Name	Hours	RCI
English	0111	Introduction to Linguistics	3	
Anthropology	0127	Fundamentals of Linguistic Anthropology	3	
Comm. Sci.	0108	Introduction to Linguistics	3	

*In addition to taking the required two course sequence in Science, students must take at least one additional course in Science.

Program Requirements (for existing program)

Elementary Education Foundation Requirements

Department	Course #	Course Name	Hours	RCI
Education	0305	Art/Music/Dance/Creative Performance	3	
Elementary Education	0230	Practicum: Teaching Elementary Child N-6	2-3	
Elementary Education	0231	Practicum: Teaching Math/Science to Elementary Child N-6	2-3	
English Education	W260	Teaching Integrated Language, Reading & Writing	6	WI
Math Education	0141	Teaching Mathematics: N-6	3	
Science Education	0150	Teaching Science: N-6	3	
Social Studies Education	0160	Teaching Social Studies: N-6	3	
Education	0382	Student Teaching in Elem/Spec Ed/ Ech Ed	9-11	
Subtotal			34	

Students must choose a minimum of one additional area of certification

Early Childhood Option

Must take at least one option.

Department	Course #	Course Name	Hours	RCI
Early Childhood Education	0320	Curriculum Development & Implementation in Early Childhood Programs	3	
Early Childhood Education	0321	Family/School/ Community Environments for Young Children	3	
Early Childhood Education	0322	Observing, Documenting, & Assessing Young Children's Learning: A Field-Based Seminar	3	
Early Childhood Education	0324	Integrated Programming for Young Children	3	

Special Education Option for Students Admitted Prior to 2003

Department	Course #	Course Name	Hours	RCI
Special Education	0310	Inclusive Learning Environments	3	
Special Education	0311	Best Practices in Special Education	3	
Special Education	0322	Cognition, Language & Literacy	3	

Total Elementary Education Program

University Core, General Education & Professional Education Core Courses	76
Elementary Education Courses	34
Additional Certificate Courses (Early Childhood 9 s.h. or Special Education 12 s.h.)	9-12
Additional Credits	9
TOTAL SEMESTER HOURS	128-131

Special Education Option for Students Admitted for Fall 2003

All requirements for the Elementary Education program must be completed, and five semester hours of Student Teaching Elementary/Special Education 0381 must be in a Special Education placement. In addition, the following courses must be completed.

Note: A new sequence of courses for special education certification will be required for students admitted after July 1, 2003. Students should contact the Office of Student Services for specific details about these requirements

Department	Course #	Course Name	Hours	RCI
Education	0226	Field Experience-Special Education	3	
Special Education	0230	Inclusive Education Practices	3	
Special Education	0312	Methods/Curr for Studs with Disab	3	
Special Education	0331	Community Resources and Collaboration in Special Education	3	
Special Education	0332	Assessing and Teaching Students with Mild Disabilities	3	
Special Education	0390	Practicum in Special Education	3	
Education	0381	Student Teaching in Elementary/ Special Education	9	
Total			30	

Note: A new sequence of courses for special education certification will be required for students admitted after July 1, 2003. Students should contact the Office of Student Services for specific details about these requirements.

KINESIOLOGY

As of July, 2005 the Kinesiology Department moved to the College of Health Professions. Please refer to page 149 for more information.

SECONDARY EDUCATION

Jacqueline Leonard, Lead Professor
215-204-8042

jacqueline.leonard@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Secondary Education programs prepare the student to teach in the following certification areas:

- English
- Foreign Languages
- English as a second language (ESL)
- Mathematics
- Sciences:
 - Biology
 - Chemistry
 - Earth and Space Science
 - General Science
 - Physics
- Social Studies

In order to maintain standing in Secondary Education, students must achieve and maintain a 3.0 average in their teaching field in addition to maintaining an overall 3.0 cumulative average. Students in a secondary program with less than a 3.0 in their teaching field are urged to consider a change in teaching field or a transfer to another program or department. Students with less than a 3.0 average either in the major field or overall may not register for student teaching and will not be recommended for certification by the College of Education.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

SECONDARY ENGLISH

Dr. Frank Sullivan, Program Advisor
215-204-6157

francis.sullivan@temple.edu

General Studies, Professional Course Sequence and Core Requirements

All of the requirements listed above apply to this program.

Program Requirements

Secondary Education

Department	Course #	Course Name	Hours	RCI
English Education	0341	Teaching Language and Communication in the Secondary School	3	
English Education	0342	Teaching Oral and Written Communication in the Secondary School	3	
Secondary Education	W371	Reading Problems in the Secondary School	3	WI
Education	0384	Student Teaching in Secondary Education	9-11	
Total			18-20	

Academic Specialization

English

Department	Course #	Course Name	Hours	RCI
English	W103	Writing the Research Essay	3	WI
English	0111	Introduction to Linguistics	3	
		or		
Comm. Sci.	0108	Introduction to Linguistics		
		or		
Anthro	0127	Fundamentals of Linguistic Anthropology		
English	0212	Linguistics and Grammar	3	
English	0114	Survey of English Literature: Beginnings to 1660	3	
English	0115	Survey of English Literature: 1660-1900	3	
English	W116	Survey of American Literature	3	WI
English	W133	Shakespeare	3	WI
English	0233	Advanced Shakespeare I	3	
		or		
English	0234	Advanced Shakespeare II		
English	R125	African American Literature I	3	RS
		or		
English	R126	African American Literature II		
English	0225	Modern American Fiction (or another 0200 level English course in Modern American Literature)	3	
English	Elective	One survey course in World Literature	3	
The Arts				
English	0170	Art of the Film	3	
		or		
FMA	0100	Media Arts I	4	
		or		
FMA	X155	Film and Visual Analysis	3	AR
		or		
Theater	C110	The Collaborative Art	3	AR
English		Electives (2) English X084/C084 Introduction to Literature (strongly recommended) and English W300-W399	6	
Total			42-43	

ENGLISH AS A SECOND LANGUAGE (ESL) SPECIALIST

Dr. Jill Swavely, Program Coordinator
Ritter Hall 461

215-204-6120

jmswav@temple.edu

The ESL program specialist certificate is available as an "add-on" or endorsement to an Instructional teaching certificate.

Candidates for the certificate are required to demonstrate competence of the fundamental concepts and practices of English as a second language, which are provided at the pre-school, elementary, or secondary levels.

The course requirements can be taken as part of an undergraduate or master's degree. Both the undergraduate and graduate options consist of a four-course sequence.

The ESL specialist curriculum includes training in the following components:

- English Usage and Developing Linguistic Awareness
- English as a Second Language Instructional Materials/Development
- English Language Learners (ELLs) Language & Support Services Knowledge
- Developing Cultural Awareness/Sensitivity

NOTE: The specialist certificate is an add-on to an Instructional certificate. Candidates are expected to have completed general studies, professional courses, and core courses in any professional educator program, which culminates with an Instructional certificate

ESL Specialist Certification Requirements/Experiences

Department	Course #	Course Name	Hours	RCI
English Ed.	0339	Materials and Resources in Education Linguistically Diverse	3	
English Ed.	0340	Second Language Development Across the Curriculum	3	
Foreign Lang. Ed., Sec. Ed.	0614	Approaches to Teaching English Language Learners	3	
Total hours			12	

SECONDARY FOREIGN LANGUAGE EDUCATION

Dr. Jill Swavely, Program Advisor
215-204-6120

jill.swavely@temple.edu

Foreign Language certification is offered in French, German, Hebrew, Italian, Latin, Portuguese, and Spanish.

General Studies, Professional Course Sequence and Core Requirements

In addition to the Literature requirements listed above (see Other Requirements for College of Education Students), all students must take one of the following:

Department	Course #	Course Name	Hours	RCI
English	W101	Developing Prose Style	3	WI
		<i>or</i>		
English	W103	Writing the Research Essay	3	WI

Program Requirements

Secondary Education

Department	Course #	Course Name	Hours	RCI
Education	0384	Student Teaching in Secondary Education	9-11	
Total			12-14	

Academic Specialization

For certification in one foreign language:

Ten courses above the first two elementary courses must be taken (that is, beyond courses which generally have the number 0051 and 0052).

All courses must be taught in the target language. (Native speakers who received most of their pre-university education in their native land may be eligible to certify by taking eight appropriate foreign language courses in their native language.)

These 10 courses must include:

- Composition and Conversation:
At least two and preferably three courses are required, except for Italian, in which only one course is available.
- Culture and Civilization:
One course is required.
- Linguistics:
One course is required. If no course is available in the target language, one will have to be taken in another department, but it will not count as a foreign language course if taken in the English or Speech departments.
- Literature:
At least one course is required, preferably contemporary. Students should check with an advisor to select the specific courses that meet the above requirements. Additional courses should also be selected in consultation with an advisor. It is strongly recommended that, in Spanish, courses be taken in Peninsular and Latin American Spanish. Similarly, in French, coursework should include both continental and overseas French.

For Certification in Two Foreign Languages

Ten courses in the first foreign language must be taken. If the language is begun at the college level, the first two elementary courses do not count toward the 10 courses. At Temple, these courses are generally numbered 0051 and 0052.

For the second foreign language, eight courses must be taken. The first two beginning courses do count toward certification in the second foreign language.

Native speakers who were educated to speak, read, and write their native language need only eight courses in the formal study of their native language as a subject at the university level. Courses should be at an appropriate level for their background. There is no credit-by-examination given at Temple in a foreign language. A linguistics course is required for native speakers.

The same courses required for the first foreign language apply also to the second foreign language, i.e., a course in composition and conversation, culture and civilization, and literature, preferably 20th century. A second linguistics course need not be taken.

It is strongly recommended that certification in two languages be pursued in order to enhance career opportunities. Courses may be taken during summer school to avoid heavy course loads during the academic year.

ELECTIVES (when certifying in one foreign language) 0-16

Total Semester Hours for Certification in One Foreign Language 0-128

Total Semester Hours for Certification in Two Foreign Languages 136-140

In the State of Pennsylvania, certification in a foreign language is a K-12 certificate. Since there is presently no certification in Pennsylvania in English as a Second Language (ESL or ESOL), foreign language teachers in this state are presently permitted to teach ESL as well under conditions specified by each school district.

Students must achieve passing scores on designated proficiency tests in each of the four skills (listening, speaking, reading, and writing) in each language of certification to be permitted to take the methods courses in teaching a foreign language, to student teach, and to receive certification. The testing begins when the student completes six courses in the foreign language.

Foreign Study and/or Travel

Study and travel experiences in relevant foreign language speaking areas are highly recommended. Temple provides such experiences at Temple's Rome Campus, the Temple-Sorbonne program, the Temple University of Puerto Rico exchange program, or Temple's exchange programs with the Universities of Hamburg and Tübingen in Germany. The Latin American Studies Semester program is an immersion experience available at Temple's Main Campus to all Spanish majors during spring semesters.

SECONDARY MATHEMATICS EDUCATION

Dr. Jacqueline Leonard, Lead Professor
215-204-8042

jacqueline.leonard@temple.edu

Currently, the Secondary Education program in Mathematics is under review and awaiting approval. All students enrolling in this program for the first time in 2005-2006 will be notified as soon as the new program is approved with any revised requirements that may affect their program of study. It is strongly recommended that you meet with an advisor before enrolling in classes specific to this major and leading to certification in Secondary Education in Mathematics. This is to assure that your intended program of study will be compatible with proposed requirements.

General Studies, Professional Course Sequence and Core Requirements

Several restrictions and additions to the requirements listed above (see Other Requirements for College of Education Students) apply to students in this program:

- The Mathematics requirement cannot be met by C055 (College Mathematics). The Mathematics requirements are listed in the program description below.
- Philosophy C066 (Introduction to Logic) is required for all students.
- *The number of semester hours needed to fulfill specific requirements may vary slightly for transfer students.

Program Requirements

Secondary Education

Department	Course #	Course Name	Hours	RCI
Mathematics Education			18	
Math Ed.	0146	Methods and Materials in School Mathematics (taken in conjunction with student teaching)	3	
Math Ed.	0366	Teaching of Problem Solving	3	
Math Ed.	0381	History of School Mathematics	1-3	
Education	0384	Student Teaching in Secondary Education	9-11	

Academic Specialization

Department	Course #	Course Name	Hours	RCI
Mathematics	C085	Calculus I	8	QB
		<i>and</i>		
Mathematics	0086	Calculus II	4	
Mathematics	0127	Calculus III	4	
Mathematics	W141	Basic Concepts of Mathematics	3	WI
Mathematics	0147	Linear Algebra	3	
Mathematics	0203	Theory of Numbers	3	
Mathematics	0233	Introduction to Probability Theory	3	
Mathematics	0234*	Mathematical Statistics	3	
Mathematics	0271	Modern Geometry I	3	
Philosophy	C066	Introduction to Logic (This course will also fulfill a University Core requirement)	3	QB
		Electives	3-7	
Total Semester Hours			129-133	

*Math 0234 - equivalent Stat 0021 and Stat 0022

SECONDARY SOCIAL STUDIES EDUCATION

Dr. Christine Woyshner, Program Advisor

215-204-6147

Christine.woyshner@temple.edu

General Studies, Professional Course Sequence and Core Requirements

All of the requirements listed above (see Other Requirements for College of Education Students) apply to this program. Several additional history courses are required, as described below.

Program Requirements

Department	Course #	Course Name	Hours	RCI
SS	0365	Methods and Materials in Secondary Social Studies	3	
Sec. Ed. Education	W371	Reading Problems in the Secondary School	3	WI
	0384	Student Teaching in Secondary Education	9-11	
Total			15-17	

History

Academic Specialization

A minimum concentration of 30 s.h. in history is required in the following courses:

Department	Course #	Course Name	Hours	RCI
History	C067	U.S. History to 1877	3	AC
History	C068	U.S. History since 1877	3	AC
History (History course that meets Race Requirement)	R109	Imperialism, Race, and Empire	3	RS
	R160	Race and Ethnicity in America	3	RS
	R161	African American History to 1865	3	RS
	R162	African American History 1865-Present	3	RS
	R267	Race and the U.S. Constitution	3	RS
History	0156	Gender, Class, Nation	3	
	0157	Gender, War, and Society	3	
	0172	Sexuality and Gender in American Society	3	
	0287	Women in U.S. History	3	
<i>Select Two Courses</i>				
History	C062	World History Modern	3	IS
	0103	World Economy Since 1945	3	
	R109	Imperialism, Race, and Empire	3	RS
	0200	The City in History	3	
	0202	Third World Women's Lives	3	
	0203	Comparative Feudalism	3	
	0245	Revolutionary Europe	3	
History	C063	War and Society	3	IS
	0176	History of the Am. Economy and Am. Business	3	
	0177	U.S. Environmental History	3	
	0181	United States at War	3	
	0291	Superpower America	3	
History	R267	Race and the U.S. Constitution	3	RS
	0273	History of the American Presidency	3	
History	W386	American History Writing Seminar	3	WI
	W387	European History Writing Seminar	3	WI
	W388	Third World History Writing Seminar	3	WI
History	Elective	(Elective must be approved by advisor) Recommended History 0167	3	

History courses above have the following requirements to fulfill the second major in the College of Liberal Arts, History Department:

- (a) Students must complete 10 courses in History
- (b) At least 7 of these 10 course must be at the 100 level or higher
- (c) At least 3 of these 10 courses must be at the 200 and 300 levels
- (d) A maximum of 3 of these 10 courses can be at the core level
- (e) At least 15 of the credits must be in U.S. History

Anthropology (3 credits must be taken)

Department	Course #	Course Name	Hours	RCI
Anthropology	R060	Introduction to the Physical Environment	3	RS
Anthropology	C061	World Urban Patterns	3	IS
Anthropology	C065	Geography of the United States and Canada	3	AC

Economics (3 credits must be taken)

Department	Course #	Course Name	Hours	RCI
Economics		Varies	3	SB

Geography and Urban Studies (3 credits must be taken)

Department	Course #	Course Name	Hours	RCI
Geography	C052	Introduction to the Physical Environment	4	SB
Geography	C060	World Urban Patterns	3	IS
		<i>or</i>		
Geography	C080	Geography of the United States and Canada	3	AC

SECONDARY SCIENCE CERTIFICATION

Dr. Joseph Schmuckler, Program Advisor

215-204-6194

joseph.schmuckler@temple.edu

General Studies, Professional Course Sequence and Core Requirements

Several restrictions and additions to the requirements listed above apply to students in this program.

- The Mathematics requirement cannot be met by C055 (College Mathematics). The Mathematics requirements are listed in the program description below.
- The requirements in Science and Technology are different for the various science areas. These requirements are listed below.
- A course in philosophy or religion is required to meet the general studies requirements for certification. This course, if appropriate, may also fulfill the Language and International Studies requirement of the University Core.

Program Requirements

Secondary Education (for all Science certification areas)

Department	Course #	Course Name	Hours	RCI
Secondary Education	W371	Reading Problems in the Secondary School	3	WI
Sci. Ed.	0355	The Teaching of Science in Secondary Schools	3	
Education	0384	Student Teaching in Secondary Education	9-11	
Total			15-17	

Academic Specialization (for Biology)

Department	Course #	Course Name	Hours	RCI
Mathematics	C085	Calculus I (2 courses)	8	
Stat.	C021	Statistical Methods and Concepts	3	QB
Biology	0101	Introduction to Biology	4	
Biology	0203	Genetics	4	
Biology	W204	Cell Structure and Function	4	WI
Biology	0317	General Microbiology	3	
Biology	Elective	Three electives	9	
<i>Plus two courses to be determined by advisor</i>				
Chemistry	C071 and C072	General Chemistry I & II	6	SA, SB
Chemistry	C073 and C074	General Chemistry Laboratory I & II	2	SA, SB
Chemistry	0121 and 0122	Organic Chemistry I & II	6	
Chemistry	0123 and 0124	Organic Chemistry Laboratory I & II	2	
Envt. Eng.	C010	Introduction to the Environment	3	SB
Physics	C085 and C086	Introduction to General Physics I & II	8	SA, SB
Science	0362	Ecology and Field Biology for Teachers	3	
Total Semester Hours for Biology Certification			136	

Academic Specialization (for Chemistry)

Department	Course #	Course Name	Hours	RCI
Mathematics	C085 and 0086	Calculus I & II	8	QB
Mathematics	0127	Calculus III	4	
Biology	C083 and C084	General Biology I and II	8	SA, SB
Chemistry	C071 and C072	General Chemistry I & II	6	SA, SB
Chemistry	C073 and C074	General Chemistry Laboratory I & II	2	SA, SB
Chemistry	0121 and 0122	Organic Chemistry I & II	6	
Chemistry	0123 and 0124	Organic Chemistry Laboratory I & II	2	
Chemistry	0213	Techniques of Chemical Measurement I	3	
Chemistry	0231	Physical Chemistry Lecture I	3	
Chemistry	0232	Physical Chemistry Lecture II	3	
Chemistry	0301	Chemistry I Inorganic Chemistry	3	
Geology	C081	Environmental Resources	4	SB
Physics	C085 and C086	Introduction to General Physics I & II	8	SA, SB
Total Semester Hours for Chemistry Certification			139	

Academic Specialization (for Earth and Space Science)

Department	Course #	Course Name	Hours	RCI
Mathematics	C085 and 0086	Calculus I & II	8	QB
Biology	C083 and C084	General Biology I & II	8	SA, SB
Chemistry	C071 and C072	General Chemistry I & II	6	SA, SB
Chemistry	C073 and C074	General Chemistry Laboratory I & II	2	SA, SB
Geology	C050	Introduction to Geology	4	SA
Geology	C062	Climate Change: Oceans To Atmosphere	4	SB
Geology	C081	Environmental Resources	4	SB
<i>or</i>				
Select two courses from among :				
Geology	0201	Minerology I	4	
	0202,	Minerology II	4	
	0211,	Facies Models	4	
	0212	Paleontology and Stratigraphy	4	
Select one additional course with advisor's approval				
Physics	C056	Introduction to Astronomy	4	SB
Physics	C085 and C086	Introduction to General Physics I & II	8	SA, SB
Science	0365	Meteorology for Teachers	3	
Total Semester Hours for Earth and Space Science Certification			134	

Academic Specialization (for General Science)

Department	Course #	Course Name	Hours	RCI
Mathematics	C085 and 0086	Calculus I & II	8	QB
Biology	C083 and C084	General Biology I & II	8	SA, SB
Chemistry	C071 and C072	General Chemistry I & II	6	SA, SB
Chemistry	C073 and C074	General Chemistry Laboratory I & II	2	SA, SB
Geology	C050	Introduction to Geology	4	SA
Geology	C062	Climate Change: Oceans To Atmosphere	4	SB
Physics	C056	Introduction to Astronomy	4	SB
Physics	C085 and C086	Introduction to General Physics I & II	8	SA, SB
Science, Sec. Ed.	0362	Ecology and Field Biology for Teachers	3	
Science, Sec. Ed.	0365	Meteorology for Teachers	3	
Total Semester Hours for General Science Certification			137	

Academic Specialization (for Physics)

Department	Course #	Course Name	Hours	RCI
Mathematics	C085, 0086, and 0127	Calculus I, II, III	12	C085 is QB
Biology	C083 and C084	General Biology	12	SA, SB
Chemistry	C071	General Chemistry I	3	SA, SB
	C073	General Chemistry Lab I	2	SA, SB
Physics	C087 and C088	Elementary Classical Physics I & II	8	SA, SB
<i>or</i>				
	0121 and 0122	General Physics I & II	8	SA, SB
Physics	0171	Optics	3	
Physics	0184	Mathematical Physics	4	
Physics	0187	Electricity and Magnetism	4	
Physics	0201	Classical Mechanics	3	
Physics	0202	Analytical Mechanics	3	

Plus any course to be determined by advisor.

SPECIAL EDUCATION

Terry Meddock, Lead Professor
215-204-8073
tmeddock@temple.edu

All requirements for the Elementary Education program must be completed, and 5 semester hours of Student Teaching Elementary/Special Education 0381 must be in a Special Education placement. In addition, the following courses must be completed.

Note: A new sequence of courses for special education certification will be required for students admitted after July 1, 2003. Students should contact the Office of Student Services for specific details about these requirements.



Keya Sadeghipour, Dean
 3rd Floor Engineering Building
 1947 N. 12th Street
 Philadelphia, PA 19122
 215-204-7800
[www.eng.temple.edu/
 engineer@temple.edu](http://www.eng.temple.edu/engineer@temple.edu)

PROGRAMS

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*Please see the Undergraduate
 Academic Policies & Regulations Section.
 Students are responsible for
 complying with all University-wide
 academic policies that apply to their
 individual academic status.*

*Academic advisors attempt to avoid
 errors when advising students about their
 program requirements, but schools and
 colleges cannot assume liability for errors
 in advising. Therefore, students must
 assume primary responsibility for know-
 ing the requirements for their degree and
 for acquiring current information about
 their academic status.*

Key for charts:
 Hours = credit hours
 RCI = Required Core Indicator

ACCREDITATION

Engineering programs are accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET). Engineering Technology programs are accredited by Technology Accreditation Commission (TAC) of ABET.

Accreditation Board for Engineering and Technology, Inc.
 111 Market Pl., Suite 1050
 Baltimore, MD 21202
www.abet.org

MISSION

The mission of the College of Engineering (CoE) is to provide students with a high quality, innovative, and globally competitive learning experience in engineering, engineering technology, and the applied sciences. Engineering graduates are to be educated professionals with the technical, problem-solving, and communication skills required to succeed in the workplace and society. The College is mindful of its obligation as an environment for the creation of knowledge, and encourages basic and cross-disciplinary applied research by its faculty and students. Great importance is attached to scholarship, practice, and service aimed at improving the quality of life and the economic viability of our society. This value system is reflected in current assessments of faculty for promotion and tenure, and in grading practices for student work. We strive to pursue these objectives in a learning environment that celebrates ethnic and gender diversity, respects experience, and encourages problem solving through teamwork.

The College offers undergraduate curricula in engineering and engineering technology and a variety of continuing education courses for non-degree students. The programs in engineering, leading to the Bachelor of Science in Engineering degree, prepare students for positions in engineering which require a broad preparation in mathematics and the engineering sciences at the entry level; they are recommended for those who expect to become registered professional engineers, pursue an advanced degree, or become involved in conceptual design, planning, research, and development in industry. The programs in engineering technology which lead to the Bachelor of Science in Engineering Technology degree educate students for careers as engineering technologists. They participate as members of the engineering team translating concepts into functioning systems and supervising subsequent implementation by technicians and craftsmen.

Graduates of the COE find employment in manufacturing, construction management, sales engineering, inspection and quality control, production engineering and management, research and development, purchasing, technical field services, application engineering, engineering design, computer systems and software manufacturing, and organizations applying computers for research or production. Following on-the-job experience, they can qualify for positions of a supervisory and managerial nature; others may qualify as registered professional engineers.

Day and evening courses are offered at the Main Campus and at Ambler Campus. All programs can be completed at the Main Campus.

ADMISSION

Admission to the University does not guarantee admission to particular programs in the College of Engineering. Because programs in the college have varying admissions requirements, students should contact the Office of Undergraduate Studies, Room 326, for further information (215-204-8825).

HONORS PROGRAM

Steven Ridenour, Acting Coordinator
 215-204-8825
steven.ridenour@temple.edu

COOPERATIVE EDUCATION AND INTERNSHIP

Full-time matriculated Engineering and Engineering Technology students who have a GPA greater than 2.5 and who have completed at least 30 semester hours (at least 12 at Temple) towards the baccalaureate degree may apply for paid cooperative work experience (full-time) during spring, fall or summer semesters. It normally takes 5 years to complete the degree when participating in this program; however, at least one year of relevant work experience is gained. Students may also document relevant work experience through internships, which are normally during the summer semester. The internships allow the student to finish in the traditional four years and still gain some experience. Engineering and Engineering Technology students may register and receive technical elective credits for their work experience with the courses ENGR 0380, 0381, or 0382 (1-4 s.h.). These programs are managed by the Director for Career Services in the College.

HONOR SOCIETIES, AWARDS, AND STUDENT ASSOCIATIONS

Professional Societies and Organizations

The following professional societies and organizations are located within the College of Engineering:

- American Concrete Institute (ACI)
- American Society of Civil Engineering (ASCE)
- American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)
- Environmental Engineering Students Association (EESA)
- General Building Contractors Association (GBCA)
- Institute of Electrical & Electronics Engineers (IEEE)
- Minority Engineering Students Association (MESA)
- National Society of Black Engineers (NSBE)
- National Society of Hispanic Engineers (SHPE)
- National Society of Professional Engineers (NSPE)
- Society of Automotive Engineers (SAE)
- Society of Manufacturing Engineers (SME)
- Society of Women Engineers (SWE)
- Temple University Amateur Radio Club (TUARC)
- ETA KAPPA NU (Electrical Engineering Honor Society)

ACADEMIC ADVISING

Dr. Steven Ridenour, Director of Undergraduate Studies
 College of Engineering, Room 323,
 215-204-8825

Advising Centers for the Major in the College of Engineering

- Civil and Environmental Engineering Dept., 215-204-7814
kpelusi@temple.edu
- Electrical and Computer Engineering Dept., 215-204-7597
eegrad@temple.edu
- Mechanical Engineering Dept., 215-204-7808
vross@temple.edu
- College Center (special problems), 215-204-8825
sridenou@temple.edu

Please see the major programs for locations of the Departmental Office. All students in the COE are assigned an advisor when they initially enroll. An updated list can be found in the respective departmental offices. The student's academic advisor will confirm that the courses selected yield credit toward a degree and that the requirements of Temple University, COE, and the academic department are being met. Reference should be made to this Bulletin and to the Student Information Guide in planning programs.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

ACADEMIC POLICIES AND REGULATIONS

Please see Undergraduate Academic Policies. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status. Additional and unique policies, or exceptions for the College of Engineering, appear below.

The University policies and regulations generally apply to all undergraduate students and provide a framework within which schools and colleges may specify further conditions or variations appropriate to students in their courses or programs. Policies specific to the College of Engineering follow.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

The COE Student Information Handbook also should be consulted for specific rules relating to procedures and curriculum. Copies of the COE Handbook are available in the Dean's office, Room 341, Engineering and Architecture Building.

COLLEGE GRADUATION REQUIREMENTS

Anticipation of Graduation

All COE students who intend to graduate in May, August, or January must have a graduation review at the completion of 90 credits. At the beginning of the final semester, the student must pay a graduation fee and then present a validated Treasurer receipt as evidence of payment to the Dean's Office. To earn the baccalaureate degree in any curriculum of the COE, a student must submit a graduation plan (check sheet), consisting of all required courses in the chosen curriculum, which has been approved by the student's faculty advisor, chairperson, and Dean of the College. Required courses are indicated in curriculum checklists available from the student's respective department of instruction.

Dean's List

Full-time matriculated students who, for a given semester, complete 15 semester hours or more with no "I" grades and with no grade less than "C" may qualify for the Dean's List when the semester GPA is at least 3.20. Part-time students who have completed 12 credits over an academic year with the same grades and GPA may also qualify.

Independent Research: Engineering, Engineering Technology

Independent student work on a laboratory investigation or design project must be approved by the chairperson of the respective department and a faculty supervisor assigned. Work is graded on research methodology, result, and a report. Only seniors with a minimum GPA of 3.0 may apply. The project must be completed in one academic year.

Independent Study

A student is permitted to take no more than two independent study courses. Permission is granted only if a student needs the course to complete his/her studies, and it is not offered in that semester. They can be taken only in the junior and senior years. The content of the independent study work must cover the material in one of the courses listed in the curriculum. Students must complete an independent study form in their department office prior to registration for the course.

Program Performance

A minimum cumulative GPA of 2.0 is required for graduation. Students majoring in engineering must attain a minimum GPA of 2.3 in their major courses in order to graduate. Students majoring in engineering technology must have a minimum GPA of 2.0 in their major courses.

Non-Matriculating Students

Non-matriculating and/or part-time students who intend to become matriculating degree candidates in the College of Engineering must apply for formal admission when they have completed between 15-18 semester hours of course work. These students must take the placement tests in English and Mathematics in order to determine their level of ability and proficiency in these areas before they continue with their studies. The COE is not obligated to grant more than 18 semester hours of credit toward a degree for course work taken as a non-matriculated student.

Non-Traditional Credits

A maximum of 12 semester hours of credit will be allowed by the COE in cooperative education, relevant work experience, approved ROTC courses, and Advanced Placement or CLEP examinations. No other non-traditional credit will be granted.

Credit for Life Experience

Matriculated students may be granted academic credits for work experience if it is judged to be an adequate substitute for all or part of particular courses required of the student. Experience must be related to a specific course in the curriculum offered by the College. Work experience must be acquired before entering Temple University. Credit will only be granted after completion of 30 semester hours of course work. Other requirements and applications are available in the Office of Undergraduate Studies in the College.

Transfer Credit

Transfer credit to the COE can be granted only from an accredited institution of higher learning. Co-op education, credit for life experience, and advanced placement credits are not transferable from other institutions.

Transfer credits are not granted after a student has matriculated into a degree program. In only exceptional circumstances may students take courses at other institutions and have transfer credits awarded. The Dean must approve permission for such arrangements in advance. Senior Design Project is not transferable to the College.

PROGRAM DESCRIPTIONS

1. Certain courses fulfill multiple requirements. In consultation with your advisor, you will be able to plan your curriculum more effectively.
2. The total number of credit hours at graduation may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
3. Students must fulfill the necessary prerequisites for any given course or course sequence. See the Prerequisite and Co-requisite Policy in University-wide Academic Policies in this Bulletin.

ENGINEERING

The programs in Engineering are accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET). These programs lead to a bachelor's degree with concentrations in the following fields of study:

- Civil Engineering (B.S.C.E.)
- Electrical Engineering (with Computer Engineering Concentration) (B.S.E.E.)
- Mechanical Engineering (B.S.M.E.)

(Note: The Environmental Engineering Technology program is no longer a field of study. Interested students are directed to the Civil Engineering Program).

Accreditation Board for Engineering and Technology, Inc.

111 Market PL, Suite 1050, Baltimore, MD 21202

www.abet.org

The engineering programs are structured to prepare the graduate for the professional practice of engineering and/or graduate study. The curricula emphasizes a rigorous treatment of the mathematical and scientific approaches to the solution of engineering problems.

The final two years of study stress the synthesis of unique solutions rooted in the fundamental principles mastered during the first two years and culminates in a design project.

CIVIL AND ENVIRONMENTAL ENGINEERING

S. E. Serrano, Chair
Room 514, Engineering and
Architecture Bldg.
215-204-6164
W. Miller, Program Coordinator
Room 516, Engineering and
Architecture Bldg.
215-204-3751

Note: Department chairs frequently change at the beginning of the academic year.
Students should contact departments for updated information.

Program Goals, Objectives and Design Integration

The objective of the Civil Engineering program at Temple University is to provide students with a broad knowledge of mathematics, physical and engineering sciences, computer utilization, communication skills, and societal factors from which students can synthesize unique solutions to relatively complex problems related to Civil Engineering. Since Civil Engineering professionals plan, design, construct, and operate facilities which are essential to the quality of modern life, the Civil Engineering curriculum is based upon providing a fully integrated design experience by beginning with introductory courses in the study of engineering history and economics, then progressing through a broad coverage of the primary areas of practice within Civil Engineering (surveying, structures, geotechnical engineering, construction engineering, water resources, transportation, and environmental engineering), and finishing with a year long capstone Civil Engineering senior design project. The goal of the Civil Engineering program is to prepare students to pursue graduate education in their specific areas of interest, seek professional licensing, and become involved in design, project planning and research.

Foundation Science and Math Courses in Civil Engineering (27 s.h.)

Department	Course #	Course Name	Hours	RCI
Math (15 hrs.)	C085	Calculus I	4	QB
	0086	Calculus II	4	
	0127	Calculus III	4	
	0251	Differential Equations	3	
Physics (8 hrs.)	C087	Elementary Classical Physics I	4	SA
	C088	Elementary Classical Physics II	4	SB
Chemistry (4 hrs.)	C071	General Chemistry I	3	SA
	C073	General Chemistry Laboratory I	1	SA

Required Communications, Humanities and Social Science (24 s.h.)

Department	Course #	Course Name	Hours	RCI
English	C050	College Composition	3	CO
Core	Electives	Humanities and Social Science Various	21	CORE

*See advisor recommended courses particularly if transfer student.

Required Engineering Courses for Civil Engineering (80 s.h.)

Department	Course #	Course Name	Hours	RCI	
Civil Engineering (32 hrs.)	0005	Surveying	2		
	0015	Surveying	1		
	0211	Structural Analysis	3		
	0212	Structural Analysis Lab	1		
	0231	Soil Mechanics	3		
	0232	Soil Mechanics Lab	1		
	0241	Construction Materials Laboratory	2		
	0251	Hydrology and Hydraulic Engineering	3		
	0262	Steel and Concrete Design	4		
	0341	Water and Wastewater	3		
	0342	Transportation Engineering	3		
	0344	Construction Engineering	3		
	0348	Probability and Statistics	3		
	Civil Engineering		Electives	9	
	Electrical Engineering (4 hrs.)	0063	Electrical Devices and Systems I	4	
Engineering (34 hrs.)	0001	Introduction to Engineering	3		
	0011	Engineering Graphics	3		
	0131	Engineering Statics	3		
	0132	Engineering Dynamics	3		
	0133	Mechanics of Solids	3		
	W233	Materials Science for Engineers	3	WI	
	W241	Economic Analysis	3	WI	
	0253	Mechanics of Fluids	3		
	0271	Classical and Statistical Thermodynamics	3		
	0360	Engineering Seminar	1		
	W361	Senior Design Project I	3	WI	
	W362	Senior Design Project II	3	WI	
	Mechanical Engineering	0006	Measurements of Fluids & Energy Lab	1	
Total Hours for Civil Engineering Major			131 (min)		

ELECTRICAL ENGINEERING

S. Biswas, Chair and Program Coordinator
Room 708, Engineering and Architecture Bldg.
215-204-8403

Note: Department chairs frequently change at the beginning of the academic year.
Students should contact departments for updated information.

Program Goals, Objectives and Design Integration

The objective of the electrical and computer engineering program is to prepare students for careers as practicing engineers in areas such as electrical and electronic circuits, digital logic design, control systems, microprocessor applications, and analog and digital communications. These careers are in applications, development, research, and design project supervision. Electrical engineers are involved in the design and development of telecommunications networks, in the design and manufacture of consumer electronics, in the development of control systems for space vehicles and robots, and in many aspects of the power and automotive industries.

The Department also offers concentration in computer engineering. The objective of the computer engineering concentration is to prepare students for a career in the area of computer engineering as it relates to the design of integrated software/hardware systems with both high and low level computer systems programming and applications to electrical systems. Computer engineers are responsible for designing, implementing, and the application of computers and digital systems. The field covers hardware, software, and the interaction between them. The computer engineering concentration integrates courses on computer science fundamentals from the Department of Computer and Information Sciences of Temple University into the curriculum.

The curriculum in Electrical Engineering is accredited by the Accreditation Board of Engineering and Technology (ABET). The curriculum features required courses in Mathematics, Chemistry, Physics, Humanities and Social Sciences, Composition and Writing, and the fundamentals of Electrical Engineering. The ABET minimum requirement for graduation is 124 semester hours, and students must satisfy the minimum requirement in each category as shown below; however, the sum of the minimum in each category is not 124 semester hours. Students should consult the Department Chair or their academic advisor for any questions concerning the credit distribution.

Foundation Science and Math Courses in Electrical Engineering and Computer Engineering Option (32 s.h.)

Department	Course #	Course Name	Hours	RCI
Math	C085	Calculus I	4	QB
	0086	Calculus II	4	
Sequence (15 hours)	0127	Calculus III	4	
	0251	Differential Equations	3	
EE	0230	Stochastic Processes and Signals and Systems	3	
Physics	C087, C088,	Elementary Classical Physics I & II	8	SA/SB
Chemistry	C071	General Chemistry I	3	SA
Math Elective or EE	0350	Electrical Engineering curriculum only Consult academic advisor	3	
Math Elective or CIS	0066	Computer Engineering concentration Consult academic advisor	3	

Required Communications, Humanities and Social Science and Computer Engineering Option (24 s.h.)

Department	Course #	Course Name	Hours	RCI
English	C050	College Composition	3	CO
English	W102	Technical Writing	3	WI
Core	Electives	Humanities and Social Science Various	18	CORE

*See advisor recommended courses particularly if transfer student.

Required Engineering Courses for Electrical Engineering (65 s.h. minimum)

Department	Course #	Course Name	Hours	RCI
EE	0007	Electrical Applications	2	
EE	0008	Electrical Applications Laboratory	1	
EE	0156	Digital Circuit Design	3	
EE	0157	Digital Circuit Design Lab	1	
EE	0161	Electrical Engineering Science I	3	
EE	0165	Electrical Engineering Science II	3	
EE	0210	Signal: Continuous and Discrete	4	
EE	0220	Introduction to Electromagnetic Fields and Waves	3	
EE	0230	Stochastic Processes and Signals and Systems	3	
EE	0235	Microprocessor Systems	3	
EE	0236	Microprocessor Systems Laboratory	1	
EE	0254	Electronic Devices and Circuits	3	
EE	0255	Electrical Devices and Circuits Laboratory	1	
EE	0282	Classical Control Systems	3	
EE	0300	Analog and Digital Communications	3	
EE	0301	Analog and Digital Communications Laboratory	1	
EE	0350	Modern Control Systems	3	
EE	0351	Modern Control Theory Laboratory	1	
EE		Electives (can be either 3 or 4 hour courses)	13	
ENGR	0001	Introduction to Engineering	3	
ENGR	0131	Engineering Statistics	3	
ENGR	0360	Engineering Seminar	1	
ENGR	W361	Senior Design Project I	3	WI
ENGR	W362	Senior Design Project II	3	WI
CIS	C071	Computer Programming in C	4	QB

Total Open Electives (3 s.h.)

Department	Course #	Course Name	Hours	RCI
		Electives (if needed)	3	

Total Hours for Electrical Engineering Major: 124

COMPUTER ENGINEERING OPTION

(Other required courses for this option are listed above with Electrical Engineering Major Requirements – Science and Math/Communications, Humanities and Social Science)

Required Engineering Courses for Computer Engineering Option in Electrical Engineering (68 s.h. minimum)

Department	Course #	Course Name	Hours	RCI
Electrical Engin. (50 hrs.)	0007	Electrical Applications	2	
	0008	Electrical Applications Laboratory	1	
	0161	Electrical Engineering Science I	3	
	0165	Electrical Engineering Science II	3	
	0156	Digital Circuit Design	3	WI
	0157	Digital Circuit Design Lab	1	
	0210	Signal: Continuous and Discrete	4	
	0230	Stochastic Processes and Signals and Systems	3	
	0235	Microprocessor Systems	3	
	0236	Microprocessor Systems Laboratory	1	
	0245	Embedded System Design	3	
	0246	Embedded System Design Lab	1	
	0300	Analog and Digital Communications	3	
	0301	Analog and Digital Communications Lab	1	
	0311	Computer Network Communication	3	
	0335	Advanced Microprocessor Systems	3	
Electrical Engin. or Civil Engin.	Electives	(can be either 3 or 4 hour courses)	9-12	
Electrical Engin. or Civil Engin.	Electives	(can be either 3 or 4 hour courses)	3-4	
Engineering (10 hrs.)	0001	Introduction to Engineering	3	
	0360	Engineering Seminar	1	
	W361	Senior Design Project I	3	WI
	W362	Senior Design Project II	3	WI
Comp. & Info. Sci. (16 hrs.)	0066	Mathematical Concepts in Computing I	4	
	0067	Program Design and Abstraction	4	
	0068	Data Structures	4	QB
	C071	Computer Programming in C	4	

Total Hours for Computer Engineering Option: 124 (min)

MECHANICAL ENGINEERING

M. Kiani, Chair

R. Cohen, Program Coordinator

215-204-6245, Rm 607A

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Program Goals, Objectives and Design Integration

The mission of the Mechanical Engineering Department is to provide an excellent educational experience for the students in its programs. This experience includes an emphasis on the technical, communication, and teamwork skills that graduate engineers need to succeed, in both the workplace and society in general. In order to achieve these goals, the department places great importance on teaching, research, scholarship, engineering practice and service to the University community and the Engineering profession. The mechanical engineering program is structured to prepare the graduate for the professional practice of engineering and/or graduate school. The curriculum emphasizes a rigorous treatment of the mathematical and scientific approach to the solution of engineering problems. It provides a coherent set of courses in energy conversion and structures/motion in mechanical systems. The program has design across the curriculum and is capped with an integrated design experience in the form of a senior project.

Most technical courses in the program are offered during the day only.

Foundation Science and Math Courses for Mechanical Engineering (30 s.h.)

Department	Course #	Course Name	Hours	RCI
Math (15 hrs.)	C085	Calculus I	4	QB
	0086	Calculus II	4	
	0127	Calculus III	4	
	0147	Linear Algebra	3	
	0251	Differential Equations	3	
Physics (8 hrs.)	C087	Elementary Classical Physics I	4	SA
	C088	Elementary Classical Physics II	4	SB
Chemistry (4 hrs.)	C071	General Chemistry I	3	SA
	C073	General Chemistry Laboratory I	1	

Required Communications, Humanities and Social Science for Mechanical Engineering (27 s.h)

Department	Course #	Course Name	Hours	RCI
English	C050	College Composition	3	CO
English	W102	Technical Writing	3	WI
Core	Electives	Humanities and Social Science ¹	21	CORE
Core	Race	Studies in Race		R
Library Skills		Temple Information Literacy Tutorial (TILT)		

¹ See advisor recommended courses particularly if transfer student.

Required Engineering Courses for Mechanical Engineering (71 s.h.)

Department	Course #	Course Name	Hours	RCI
ME	0004	Dynamics and Solids Laboratory	1	
	0005	Materials Laboratory	1	
	0006	Measurements of Fluids and Energy	1	
	0007	Measurements and Applications in Vibrations and Controls	1	
	0008	Energy Conversion Laboratory	1	
	0221	Dynamic Systems	3	
	0231	Machine Theory and Design	3	
	0371	Advanced Thermodynamics and Combustion	3	
	0372	Heat and Mass Transfer	3	
	0382	Vibration Mechanics and Controls	3	
EE	0063	Electrical Devices and Systems I	4	
	0066	Electrical Devices and Systems II	4	
ENGR	0001	Introduction to Engineering	3	
	0011	Engineering Graphics	3	
	0131	Engineering Statics	3	
	0132	Engineering Dynamics	3	
	0133	Mechanics of Solids	3	
	W233	Materials Science for Engineers	3	WI
	W241	Economic Analysis	3	WI
	0253	Mechanics of Fluids	3	
	0271	Classical and Statistical Thermodynamics	3	
	0310	Computer-Aided Design	3	
	0360	Engineering Seminar	1	
	W361	Senior Design Project I	3	WI
	W362	Senior Design Project II	3	WI
ME	Electives		6	

Total Hours for the Mechanical Engineering Major: 128

ENGINEERING TECHNOLOGY

Soumitra Basu, Program Head

215-204-8723, Rm 608

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Program Objectives

This program is offered on the Main Campus with some courses available at Temple University Ambler. Students may complete all required course work at night. The curriculum in Engineering Technology provides a broad base of technological skills extending across the traditional fields of engineering technology with a concentration designed by the student and faculty advisor to meet personal and career objectives. A plan of study can be developed with a focused track such as construction, environmental, computer, manufacturing, mechatronics, or energy. This program is accredited by the Technology Accreditation Commission (TAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET).

Accreditation Board for Engineering and Technology, Inc.

111 Market PL, Suite 1050,

Baltimore, MD 21202

www.abet.org

Foundation Science and Math Courses in Engineering Technology (26 s.h.)

Department	Course #	Course Name	Hours	RCI
Math	C085	Calculus I	4	QB
	0086	Calculus II	4	
		Approved Math Electives	3	
Statistics	0103	Statistics for Engineers	3	
Physics	C083	College Physics I	4	SA
	C084	College Physics II	4	SB
Chemistry	C071	General Chemistry I	3	SA
	C073	General Chemistry Lab	1	SA

Required Communications, Humanities, and Social Science (30-33 s.h.)

Department	Course #	Course Name	Hours	RCI
English	C050	College Composition	3	CO
English	W102	Technical Writing	3	WI
STOC	0065	Public Speaking	3	
Core	Electives	University Core Requirements	18-21	CORE
Economics	C052	Microeconomic Principles	3	IN

* See advisor recommended courses particularly if transfer student.

Required Engineering Courses for Engineering Technology (53 s.h.)

Department	Course #	Course Name	Hours	RCI
ENGRG	0131, 0133	Required Engineering courses	6	
ET	0222, 0313	Required Engineering Tech. courses	4	
ENVT	C010	Intro. to the Environment	3	SB
ET	W223	Materials Technology	3	WI
EET	0104	Intro. to Electrical Circuits	4	
Electives		Technical Electives	24	
ENGR	0001, 0011, W241	Required Engineering courses	9	WI
Electives		Free Open Electives	15	
Total Required Hours for Engineering Technology			124	

CIVIL AND CONSTRUCTION ENGINEERING TECHNOLOGY

P. Udo-Inyang, Program Coordinator

215-204-7831, Rm 530

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Program Goals and Objectives

The baccalaureate curriculum in Civil and Construction Engineering Technology prepares a student for a practitioner's role in construction management or structural design.

Graduates are qualified for jobs as structural designers and detailers, construction field supervisors, estimators, expeditors, construction cost analysts, schedulers, plan examiners for government agencies that control construction, and liaison personnel in plant engineering departments of large manufacturing organizations. Day and evening courses are available; however, most technical courses are offered in the evening only. While the day program requires a minimum of four years, a completed evening program may extend from eight to 12 years.

This program is accredited by the Technology Accreditation Commission (TAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET)

Accreditation Board for Engineering and Technology, Inc.

111 Market PL, Suite 1050, Baltimore, MD 21202

www.abet.org

142 SCHOOLS AND COLLEGES

Foundation Science and Math Courses in CCET (26 s.h.)

Department	Course #	Course Name	Hours	RCI
Math	C085	Calculus with Applications I	4	QB
	0086	Calculus with Applications II	4	
	Elective	Approved Math Electives	7	
Physics	C083	College Physics I	4	SA
	C084	College Physics II	4	SB
Science	Elective	Geology or Chemistry	3	

Required Communications, Humanities, and Social Science (27 s.h.)

Department	Course #	Course Name	Hours	RCI
English	C050	College Composition	3	CO
English	W102	Technical Writing	3	WI
Economics	C050 or C054	Economic Principles	3	IN
Humanities/ Social Science*	Elective	Various Core Electives	18	

* See advisor recommended courses particularly if transfer student.

Required Engineering Courses for CCET (75 s.h.)

Department	Course #	Course Name	Hours	RCI
CCET.	0120	Construction Methods and Materials	3	
	0121	Construction Estimating	3	
	0122	Construction Planning and Scheduling	3	
	0123	Construction Estimating Laboratory	1	
	0125	Construction Contracts and Specifications	3	
	0145	Structural Analysis	3	
	0330	Soils and Foundations	3	
	0335	Steel and Wood Design	3	
	0336	Concrete and Masonry Structures	3	
	0350	Applied Hydraulics	3	
	0355	Transportation System Management	3	
CCET	W361	Capstone in Construction	3	WI
Subtotal for Civil and Construction Engineering Technology			34	

Department	Course #	Course Name	Hours	RCI
Civil Engineering	0005	Surveying	2	
	0010	Computer & Special Topics	3	
	0015	Surveying Laboratory	1	
	W147	Environmental and Safety Aspects of Construction	2	WI
	0241	Construction Materials Laboratory	2	
Subtotal for Civil Engineering			10	

Department	Course #	Course Name	Hours	RCI
EET.	0104*	Introduction to Electrical Circuits	4	
Subtotal for Civil and Construction Engineering Technology			4	

Department	Course #	Course Name	Hours	RCI
Engineering	0001	Introduction to Engineering	3	
Engineering	0011	Engineering Graphics	3	
Engineering	0131	Statistics	3	
Engineering	0133	Mechanics of Solids	3	
Engineering	W241	Economic Analysis	3	WI
Subtotal for Engineering			15	

Department	Course #	Course Name	Hours	RCI
Engineering Techn.	0313	Professional Seminar	1	
Subtotal for Engineering Technology				

Department	Course #	Course Name	Hours	RCI
Specialty Electives		Must be approved prior to registration	12	

* or Approved Building Systems course

Total Required Hours for Civil and Construction Engineering Technology 128-129

ENVIRONMENTAL ENGINEERING TECHNOLOGY

W. Miller, Program Coordinator
215-204-3751, Rm 516

Program Objectives

The baccalaureate curriculum in Environmental Engineering Technology prepares the student for the practical application of technology to waste management and the control of pollution of the air, water, land and other aspects of the environment. The program is based on the elements of science and engineering technology appropriate to an understanding of the processes of environmental quality degradation and to the design of equipment systems for environmental protection. Through careful selection of electives, the student may emphasize the engineering or science aspects of the field.

Graduates are qualified to work in the field or office positions in local, state or federal regulatory agencies, in environmental control groups in industry, and as project supervisors with consulting companies. This program is accredited by the Technology Accreditation Commission (TAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET) (* see address below).

The B.S.E.T. degree program in Environmental Engineering Technology will not accept students after spring 2006, and the last date to graduate with this degree is spring 2011.

Accreditation Board for Engineering and Technology, Inc.

111 Market Pl., Suite 1050,

Baltimore, MD 21202

www.abet.org

Foundation Science and Math Courses in ENVT (42 s.h.)

Department	Course #	Course Name	Hours	RCI
Math	C075	Required Calculus Courses	4	QB
	0076	Calculus II	4	
Math		Approved Math Electives	3	
Statistics	0103	Statistics for Engineers	3	
Physics	C083	College Physics I	4	SA
	C084	College Physics II	4	SB
Chemistry	C071,	General Chemistry I	3	SA/SB
	C073	Lab	1	
	C072	General Chemistry II	3	
	C074	Lab	1	
	0121	Organic Chemistry I	3	
	0123	Lab	1	
Biology	C071	Human Biology	4	SA
Geology	0185	Geology for Engineers	4	

Required Communications, Humanities, and Social Science (27 s.h.)

Department	Course #	Course Name	Hours	RCI
English	C050	College Composition	3	CO
English	W102	Technical Writing	3	WI
Humanities/ Social Science*	Core Electives	Various	21	CORE

* See advisor recommended courses particularly if transfer student.

Required Engineering Courses for ENVT (59 s.h.)

Department	Course #	Course Name	Hours	RCI
Environ. Eng. Tech.	C010	Introduction to the Environment	3	SB
	0117	Sanitary Chemistry and Microbiology	3	
	0124	Environmental Instrumentation	3	
	0133	Environmental Field Operations	4	
	W331	Pollution Control Processes	3	
Environ. Eng. Tech.		ENVT Electives	15	
Civil & Const. Eng.	0350	Applied Hydraulics	3	
Engin. Tech.	0222	Applied Fluid Mechanics	3	
	0232	Thermodynamics	3	
Elec. Engin. Tech.	0104	Introduction to Electrical Circuits	4	
Engineering	0001	Introduction to Engineering	3	
	0011	Engineering Graphics	3	
	0131	Engineering Statics	3	
	0133	Mechanics of Solids	3	
	W241	Economic Analysis	3	WI

Total Required Hours for Environmental Engineering Technology 128

The B.S.E.T. degree program in Environmental Engineering Technology will not accept students after spring 2006, and the last date to graduate with this degree is spring 2011.

INTERDISCIPLINARY PROGRAMS

ENGINEERING (UNDECLARED)

S. Ridenour, Program Coordinator
215-204-8825, Rm 326

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The College of Engineering has added an undeclared engineering program for those students interested in engineering, but undecided on a particular field of study. Courses in this program have been determined for the first year only, since it is assumed that students will choose a curriculum following their first year of study.

Suggested first-year courses for this program are:

Foundation for Undeclared Engineering Majors

Department	Course #	Course Name	Hours	RCI
Math	C085, 0086	Calculus	8	QB
Physics	C087	Elementary Classical Physics I	4	SA
Chem	C071, C073	General Chemistry I and Lab	4	SA
English	C050	College Composition	3	CO
	CORE	Requirements in Core	6	

Required First Year Engineering Courses

Department	Course #	Course Name	Hours	RCI
Engr	0001	Intro to Engr	3	
Engr	0011	Engr. Graphics	3	
		or		
Civil Engineering	0005 & 0015	Surveying and Surveying Lab	3	
		or		
Electrical Engineering	0007 & 0008	Elect Apps and Lab	3	

FOUNDED: 1966

Ronald T. Brown, Ph.D., Dean
 College of Health Professions
 Health Sciences Campus
 3307 N. Broad Street
 215-707-4800
 www.temple.edu/CHP

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
 Hours = credit hours
 RCI = Required Core Indicator

MISSION

The College of Health Professions exists to meet the ever-changing needs of society by preparing competent professionals from diverse backgrounds. The College fosters critical thinking, ethical behavior, life-long learning and scholarship.

Since its inception in 1966, the College has prepared well-rounded practitioners who are sensitive to patient/client needs and whose professional competence is built on a solid foundation of clinical theory, laboratory practice, and clinical fieldwork/internships. The College offers five undergraduate programs that include Communication Sciences, Health Information Management, Nursing, Public Health, and Therapeutic Recreation. (Effective July 1, 2005, the Department of Kinesiology was transferred to the College of Health Professions from the College of Education.) Students graduating with a B.S. degree from Health Information Management, Nursing, Public Health, or Therapeutic Recreation meet the entry-level requirements of their professions and are qualified to take state and/or national examinations leading to certification or licensure in their fields.

At the graduate level, the College offers health professional programs in Nursing, Occupational Therapy, Physical Therapy, Public Health, Speech-Language-Hearing and Therapeutic Recreation. For Occupational Therapy, Physical Therapy and Speech-Language-Hearing, completion of the graduate degree is required for certification and licensure in the profession. A student must complete a baccalaureate degree in a major commensurate with his or her interests and skills and the prerequisites of the professional program. Students are encouraged to contact the College of Health Professions for more information and advising.

ADMISSIONS

Students may obtain further information about the procedures for undergraduate admission to the College of Health Professions by contacting the specific program in which they are interested, the College of Health Professions Undergraduate Advising Office 215-204-6779, or the Dean's Office 215-827-4800. Students can also visit the college's Web site at www.temple.edu/chp/

Admission to the Programs in Communication Sciences, Public Health, and Therapeutic Recreation

Entering undergraduates, whether they are freshmen or transferring from other institutions, are admitted to these programs by submitting an application to the Office of Undergraduate Admissions of Temple University.

Decisions are based on a review of the applicant's academic credentials. Current students may also enter these programs through intra-university transfer within this University. All interested students should direct admission questions to the College of Health Professions Undergraduate Advising Office at 215-204-6779 or to the specific department of interest to them.

Admission to the Programs in Health Information Management and Nursing

Typically, freshmen interested in Health Information Management or Nursing are admitted to the Division of University Studies. The Division of University Studies provides initial advising to these students and students from other colleges within Temple University who are interested in the professional health programs. However, while enrolled in the Division of University Studies, students interested in Nursing are encouraged to meet with the pre-Nursing advisor in the Division of University Studies, and students interested in Health Information Management should contact the chairperson of the Health Information Management Department.

During the completion of their first pre-professional year, students interested in admission to Health Information Management or Nursing must apply to these programs. Applications may be made prior to completing all the prerequisites and Core courses and should be received one year prior to admission into the professional program. However, prior to starting the professional program in Nursing or Health Information Management, a student must complete a minimum of 55 credits of pre-professional college work, which includes the University Core Curriculum at Temple University or another university or college. The student must achieve transferable grades in all prerequisites and have a competitive grade point average (GPA) for initial consideration.

Current Temple University Students Transferring to Communication Science, Public Health, or Therapeutic Recreation

Students interested in transferring into these departments and who are already enrolled at Temple University should contact the College of Health Professions Undergraduate Advisor at 215-204-6779 to schedule an appointment to discuss transfer and degree completion requirements and initiate an intra-university transfer (IUT). Intra-University transfers will be notified of the decision in a letter from the Dean's Office. A minimum GPA of 2.0 is required for admission to any of these programs.

Current Temple University Students Transferring to Nursing or Health Information Management

Students should contact the College of Health Professions Dean's office at 215-707-4800. Students must send the application and a \$15.00 deposit to the Office of the Dean and comply with all admission requirements of the individual program. Applicants are notified of a final decision in a letter from the College of Health Professions. An acceptance letter will include the departmental required courses to be taken when applicable and semester in which study is to begin. Students will be requested to confirm their acceptance of admission with a \$100.00 tuition deposit.

ACADEMIC ADVISING

The College of Health Professions Academic Advising Center, located in 1700 N. Broad St., Suite 310B, provides advisement for transfer and intra-university transfer students, students interested in learning more about programs in the health professions, and students with fewer than 60 credits in Communication Sciences, Public Health, and Therapeutic Recreation.

Students admitted to Health Information Management and Nursing and students in Communication Sciences, Public Health, and Therapeutic Recreation who have greater than 60 credits are advised by faculty in their academic department. Pre-Nursing and Pre-Health Information Management students are advised in the Academic Resource Center (ARC), located in room 113, Curtis Hall.

It is recommended, and in some cases required, that students consult with an advisor prior to registration. The advisor will review the proposed coursework and inform students of the requirements for graduation. In addition, the advisor helps students achieve breadth in their curriculum and provides other needed assistance.

Academic advisors strive to avoid errors when advising students about program requirements, although the college cannot assume liability for errors in advising. Students must, therefore, assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

POLICIES AND REGULATIONS

Students are responsible for complying with all University-wide academic policies that apply to their individual academic status (**Please see the Undergraduate Academic Policies p. 46**). Additional and unique policies, or exceptions for the College of Health Professions, appear below.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Attendance

The College of Health Professions desires to promote professional responsibility among its students. It is, therefore, the policy of the College to place the responsibility for class attendance upon the students. Students are accountable for all work missed due to absence. Instructors are not required to make special arrangements or examinations for students who are absent. There are certain courses that require a minimum number of hours of student participation in laboratory or clinical experiences, as established by the professional accrediting agency and/or the academic department concerned. At the beginning of each such course, the department shall make the attendance requirement clearly known to the enrolled students.

Excessive absences may, at the option of the department, jeopardize the student's grade and/or continuance in the course. If, in the opinion of the department, a student is absent to the point of endangering his or her successful completion of a course, an official warning shall be issued through the department. If the absences continue, the student may receive a failing grade.

Dean's List

Students who complete a minimum of 12 semester hours and earn a semester GPA of 3.50 will be placed on the Dean's List. Students who earn "I"s or "NR"s for that semester will not be eligible.

Ethics

Since students of the College of Health Professions are enrolled in professional programs, they are expected to abide by standards of professional conduct and behavior at all times.

Program Performance

The grading system is in accordance with the system adopted by Temple University. For students enrolled in this College, a grade of C is the lowest acceptable final grade in major courses. Students not achieving a grade of C or better are required to repeat those courses in which they have failed to demonstrate acceptable performance.

Student Code of Professional Conduct

The College of Health Professions prepares practitioners to fulfill their ideals of service in the health care setting. In attaining these goals, practitioners must demonstrate exemplary professional behavior, as this is the keystone of the professional associations of the seven disciplines within this College. The Code of Conduct of Temple University's College of Health Professions is intended to contribute to an environment in which excellence in learning and conduct may be fostered.

All terms of the Students' Rights, Code of Conduct, and Disciplinary Procedures for Temple University apply to students within the College of Health Professions. In addition to the major violations noted by the University Code, another action has been identified by the faculty of the College as constituting a major infraction of the Code: "Unethical conduct or intentional neglect of duty on clinical practice."

College Graduation Requirements

For the College of Health Professions, see the individual programs of study for graduation requirements.

PROGRAM DESCRIPTIONS

1. The total number of credit hours at graduation may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
2. Certain courses fulfill multiple requirements. In consultation with your advisor, you will be able to plan your curriculum more effectively.
3. Students must fulfill the necessary prerequisites for any given course or course sequence. **See the Prerequisite and Co-requisite Policy in University-wide Academic Policies in this Bulletin, p. 52.**

COMMUNICATION SCIENCES

Rena Krakow, PhD
First Floor, Weiss Hall
Telephone: 215-204-8407
Fax: 215-204-5954
rkrakow@temple.edu

www.temple.edu/commsci

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Bachelor of Arts

The Bachelor of Arts degree in Communication Sciences may be conferred upon a student by recommendation of the faculty upon the satisfactory completion of 122 semester hours of credit with no grade in the major or core areas of C- or below. In addition to taking University Core requirements, all students will complete two department core courses, 0201 and W051, as well as the requirements of one of two tracks, Speech-Language-Hearing or Linguistics. Students who complete the major may graduate with distinction in the department if they meet the requirements outlined below. In addition to the Major in Communication Sciences, the department also offers a Minor, also described below.

Summary of Requirements for Graduation with Distinction in the Major

1. GPA of 3.5 of better
2. No grade of below B in the major
3. Completion of an honors paper at the end of a 3-credit independent study (Comm Sci H390) during which the student will engage in an empirical study or library research in the field of Communication Sciences under the supervision of an honors advisor.
4. Completion of 20 hours of volunteer work, internship, or fieldwork in consultation with the honors advisor.

Communication Sciences Major Requirements

Department	Course #	Course Name	Hours	RCI
Comm Sci	0201	Research Methods in Communication Sciences (F)	3	
Comm Sci	W051	Introduction to Human Communication (F)	3	WI
Total			6	

SPEECH-LANGUAGE-HEARING TRACK

Summary of Requirements

1. University Requirements
University Core Curriculum including completion of the Library Orientation and all students must take Psych C060 for Core requirement in Individual and Society
2. Major Requirements
Comm Sci W051 and 0201
3. Track Requirements
Lower Level (Comm Sci W103, 0207, 0208, 0217, 0218)
Upper Level (Comm Sci 0233, 0234, 0235, 0300, 0301, W336)
Courses in Related Disciplines (Physics C067, Psych 0131)

Speech-Language-Hearing Track: Required Courses in The Major

Department	Course #	Course Name	Hours	RCI
Comm Sci	W103	Communication Deviations and Disorders (F, S)	3	WI
Comm Sci	0207	Phonetics (F, S)	2	
Comm Sci	0208	Phonology (F, S) (Pre-req: Comm Sci. 0207)	2	
Comm Sci	0217	Grammatical Description (F)	2	
Comm Sci	0218	Language Processing (F) (Pre-req: Comm Sci. 0217)	2	
Comm Sci	0233	Basic Speech Science (S) (Pre-req.: Comm Sci 0207, Comm Sci 0208 Physics C067)	4	
Comm Sci	0234	Basic Hearing Science (F, SS) (Pre-req.: Physics C067)	4	
Comm Sci	0235	Human Neuroscience (F, S)	4	
Comm Sci	0300	Principles of Audiology (F) (Pre-req: Comm Sci. 0234)	3	
Comm Sci	0301	Speech and Language Development (S) (Pre-req.: Comm Sci 0207, 0208)	3	
Comm Sci	W336	Orientation to Clinical Management (S) (Pre-req: Senior Status)	3	WI*
Total			20	

* Indicates writing capstone for major.

Speech-Language-Hearing Track: Required Courses, Related Areas

Department	Course #	Course Name	Hours	RCI
Psychology	0200	Developmental Psychology (F, S, SS)	3	
Physics	C067	Acoustics (F)	3	SA
Total			6	

LINGUISTICS TRACK

Summary of Requirements

- University Requirements
University Core Curriculum including completion of the Library Orientation
- Major Requirements
Comm Sci W051 and 0201
- Track Requirements
Lower Level (Comm Sci 0108, 0207, 0208)
Upper Level (Comm Sci 0211, 0233, 0301, W360)

Linguistics Track: Required Courses in the Major

Department	Course #	Course Name	Hours	RCI
Comm Sci	0108	Introduction to Linguistics (F, S)	3	
Comm Sci	0207	Phonetics (F, S)	2	
Comm Sci	0208	Phonology (F, S) (Pre-req: Comm Sci 0207)	2	
Comm Sci	W211	Syntax (S)	3	WI
Comm Sci	0233	Basic Speech Science (S) (Pre-req: (Pre-req: Comm Sci 0207, Comm Sci 0208, Physics C067)	4	
Comm Sci	0301	Speech and Language Development (S) (Pre-req.: Comm Sci 0207, Comm Sci 0208)	3	
Comm Sci	W360	Field Research in Communication (S)	3	WI*
Total			20	

Linguistics track, Recommended Electives – Must take at least four (4)

Department	Course #	Course Name	Hours	RCI
Comm Sci	W103	Communication Deviations and Disorders (F, S)	3	W
Comm Sci	0217	Grammatical Description (F)	2	
Comm Sci	0218	Language Processing (F) (Pre-req: Comm Sci 0217)	2	
Comm Sci	0235	Human Neuroscience (F, S)	4	
Comm Sci	0331	Language and Deafness	3	
English	0214	Semantics (F)	3	
English	0213	History of the English Language (S)	3	
Anthro	0127	Fundamentals of Linguistic Anthropology (F,S,SS)	3	
Philosophy	0211	Intermediate Logic (F, S)	3	
Philosophy	0216	Philosophy of Science (S)	3	
Philosophy	0251	Philosophy of Language (F)	3	
Psychology	0236	Foundations of Cognitive Psychology (S)	3	

COMMUNICATION SCIENCES

Requirements for the Minor

Five required courses in the department plus an additional 2 - 3 courses from among a list of five in the department.

Department	Course #	Course Name	Hours	RCI
Comm Sci	W051	Introduction to Human Communication (F)	3	WI
Comm Sci	W103	Communication Deviations and Disorders (F, S)	3	WI
Comm Sci	R110	Language and Race (S)	3	RS
Comm Sci	0207	Phonetics (F, S)	2	
Comm Sci	0208	Phonology (F, S) (Pre-req: Comm Sci 0207)	2	
<i>Select either 0108 or both 0217 and 0218</i>				
Comm Sci	0108	Introduction to Linguistics (F, S, SS)	3	
Comm Sci	0217	Grammatical Analysis (F)	2	
Comm Sci	0218	Language Processing (F) (Pre-req: Comm Sci 0217)	2	
<i>Plus a choice of 0301 OR W211</i>				
Comm Sci	0301	Speech and Language Development (S)	3	
Comm Sci	W211	Syntax	3	WI

HEALTH INFORMATION MANAGEMENT

Laurinda B. Harman, Ph.D., RHIA, Chair

3307 N. Broad Street,
Philadelphia, PA 19140
215-707-4811

www.temple.edu/HIM/

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

A career as a Health Information Management (HIM) professional allows students to combine interests in health care, business and information technology. HIM professionals have expertise in health informatics, which requires knowledge of clinical medicine, the computer-based patient record, healthcare database administration and computerized clinical information systems. This individual also has expertise in coding and classification systems, quality and human resource management, the legal aspects of health information systems, and legal, regulatory, and accrediting agency requirements that affect the health information system. Clinical internships are scheduled at several health care institutions.

The HIM professional works closely with all other health professionals to collect and disseminate the information needed to provide high-quality patient care. The health information system supports the needs of patients, health care professionals, administrators, the community, and those involved in research and education. Job opportunities include positions with hospitals and other health care institutions, research and pharmaceutical firms, and governmental agencies. Career opportunities for the HIM professional include: Information Security Officer, Director of Integrated Health Information Systems, Research and Decision-Support Analyst, Clinical Data Specialist, Data Resource Administrator, Patient Information Coordinator, Director of Medical Records and Clinical Coding Specialist.

Certification

Following satisfactory completion of all course requirements, the graduate is awarded the degree of Bachelor of Science in Health Information Management and is eligible to take the examination of the American Health Information Management Association for certification as a Registered Health Information Administrator (RHIA), which is nationally recognized.

Accreditation

The baccalaureate program in Health Information Management at Temple University is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

Requirements

This is an upper level program and students are admitted in the fall of the junior year and must have 55 credits completed by the fall semester of admission to the program. Transfer students must have their transfer credits evaluated by the admissions office and must meet core and prerequisite requirements of the program.

1. University requirements

Temple Core requirements for American Culture, The Arts, English Composition, Intellectual Heritage, Individual and Society, International Studies or Language, Studies in Race, and one Writing Intensive.

2. Program requirements

Health Information Management prerequisites. The prerequisites for the Health Information Management curriculum include courses that fulfill the Core requirements.

Quantitative Reasoning: QA: Math C055 – College Mathematics and QB: Statistics C021 – Statistical Methods and Concepts or Mathematics C067 – Elements of Statistics or Psychology C067 – Foundations in Statistical Methods. Science and Technology: Kinesiology C100 and C101 or Anatomy & Physiology I and II and Computer and Information Sciences C055 – Computers and Applications.

3. Electives: 7-8 credits. Strongly recommended electives include HIM 0101 (Medical Terminology) and computer science, business, and writing intensive electives.

Course Requirements for Health Information Management

Preprofessional Requirements

Department	Course #	Course Name	Hours	RCI
Core Requirements, including the following prerequisites			55	
Math	C055	College Mathematics or equivalent QA course	3	QA
Statistics	C021	Stat Methods and Concepts or	3	QB
Math	C067	Elements of Statistics or	3	
Psychology	C067	Fundamentals in Statistical Methods	3	QB
KIN	C100	Human Anatomy & Physiology I	4	SA
KIN	C101	Human Anatomy & Physiology II	4	SB
CIS	C055	Computers and Applications	4	SB
Total			18	

Professional Curriculum

Junior Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
HIM	0103	Language of Medicine	4	
HIM	0106	Health Information Systems in Acute Care	4	
HIM	0107	Healthcare Database Administration	3	
HIM	0141	U.S. Health Care System	3	
HIM	0251	Statistics, Research & Registries in Health Care	3	
Total			17	

Junior Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
HIM	0105	Legal Aspects of Health Information Management	3	
HIM	0161	Management in Health Information Systems	3	
HIM	W181	Acute Care Internship I	2	WI*
HIM	0205	Health Information Systems in Non-acute Care	3	
HIM	0207	International Classification of Disease	4	
HIM	0271	Clinical Medicine I	3	
Total			18	

Senior Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
HIM	0109	Health Informatics: Infrastructure and Standards	3	
HIM	0162	Human Resource Management in Health Information Systems	3	
HIM	0203	Ambulatory Coding System	4	
HIM	0209	Quality Improvement in Healthcare	3	
HIM	0274	Clinical Medicine II	3	
HIM	W281	Nonacute Care Internship	2	WI*
Total			18	

Senior Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
HIM	0204	Health Informatics: Systems and Design	3	
HIM	0260	Current Topics & Case Studies in HIM	3	
HIM	0263	Systems Analysis in Health Information Management	3	
HIM	0282	Management Internship	3	
HIM	0342	Political, Social and Ethical Aspects of HIM	3	
HIM	0343	Healthcare Reimbursement Systems	2	
Total			17	

Total Credits Required for Graduation

125

* Indicates writing capstone for major.

KINESIOLOGY

William Oddou, Undergraduate Coordinator

215-204-8716

weoddou@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The undergraduate program in Kinesiology leading to the Bachelor of Science degree requires students to complete coursework in three broad areas: the University Core Curriculum, the Kinesiology Core, and a professional application of the discipline of Kinesiology.

The University Core Curriculum is divided into ten categories (i.e., intellectual heritage, composition and writing, individual and society, foreign language/international studies, quantitative analysis, arts, American culture, studies in race, science and technology, and library orientation). Even though there are numerous courses which can be taken to meet these requirements, the department requires Anatomy and Physiology (Kines C100 and C101) for the science and technology requirement and Psychology as a Social Science (PSY C060) for the individual and society requirement. All University Core courses must be completed with a minimum C- grade in order to count toward graduation.

Kinesiology is the study of physical activity. The Kinesiology Core includes a group of foundation courses (Kinesiology 0001, 0202-0206) that deal with the intellectual, physical, social, psychological, and philosophical factors which influence and are influenced by human beings as they move. In addition to taking the foundation courses, students are required to satisfy the forms of movement requirement, which consists of developing knowledge and skills in a broad spectrum of movement activities (i.e., aquatics, fitness, survival, and lifestyle).

The professional application programs allow students to concentrate their studies in one of four areas (i.e., athletic training, exercise and sport science, teacher education (PHETE), and Pre-health professional program). Students select the programs that satisfy their short term educational and professional objectives.

Effective July 1, 2005, the Department of Kinesiology will become part of the College of Health Professions.

The **Undergraduate Athletic Training Program** prepares students to work with physically active populations at all levels of competition. The athletic trainer functions as an integral member of the athletic health care team in secondary schools, colleges, universities, professional teams, and sports medicine clinics, providing leadership in the prevention, evaluation, immediate care, and rehabilitation of sport related injuries. The athletic training program requires fulfillment of both academic coursework and clinical fieldwork experiences. This program of study is approved by the Commission on Accreditation of Allied Health Educational Program (CAAHEP) and is designed to prepare students for certification as athletic trainers by the National Athletic Trainers' Association (NATA) and for Class "A" certification in the Commonwealth of Pennsylvania.

Admission into the athletic training program occurs upon students identifying athletic training as their intended course of study. This admission may take place either during the freshman year or any time afterward.

The **Exercise and Sport Science Program** provides students with knowledge and competencies required for professional service in a variety of sport, fitness, wellness and rehabilitation settings. The Exercise and Sport Science Program also prepares students for graduate study in exercise physiology or in a variety of related allied health professions. Program competencies include health screening, fitness assessment, exercise program development, health-fitness counseling, and therapeutic exercise supervision of patients with special needs. Concentration courses include, but are not limited to: advanced exercise physiology, exercise in health and disease, exercise testing and programming, electrocardiography, exercise and aging, and applied technology. The exercise and sport scientist understands the complexity of the human body and the interaction among physical activity, exercise and good health. The improved function, health, and wellbeing of the total person – *Body, Mind, and Spirit* – are the ultimate goals of professionals in this field.

The exercise scientist applies their knowledge, skills, and beliefs to all people regardless of gender, age, social status, and current health-related fitness level or disease state. Wherever there is a need to improve functionality, health-fitness, medical prognosis, optimal aging, or wellness, one will find an exercise scientist providing leadership in programs that help individuals optimize their lives and health. In summary, exercise science is a stimulating area of study and a rewarding professional application with a very bright future.

The Department of Kinesiology offers two programs in Exercise and Sport Science at the undergraduate level. They are:

Option I-Exercise and Sport Science-Health/Wellness

Option II-Exercise and Sport Science-Health/Wellness/Pre-professional

Teacher education is the focus of the undergraduate **Physical and Health Education Teacher Education (PHETE)** program. This concentration prepares students to teach physical and health education in public and private schools (grades K through 12). The PHETE program integrates academic preparation with field work experiences each semester, culminating in a dual level (secondary and elementary) full semester of student teaching experience. Coursework in discipline specific content, methods of teaching, assessment and evaluation, educational psychology, educational foundations, cultural diversity and adapted activities, and administration all help teacher education students assume their roles as competent teachers in today's society. Admission into the PHETE program takes place after the sophomore year upon completing the pre-admission coursework, two in-school teaching experiences, the Pre-Professional Skills Tests in reading, mathematics, writing, and the Praxis test in fundamental content knowledge, as well as an interview with the PHETE faculty. All PHETE and Public Health courses must be completed with a minimum B- grade in order to count toward certification. A cumulative GPA of 3.0 or greater is required for admission and certification. After admission one additional Praxis test is required for certification: Health and Physical Education Content Knowledge. Upon completion of the program, and after passing the appropriate standardized tests, graduates will be licensed to teach by the Commonwealth of Pennsylvania.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Kinesiology Pre-Health Professional Program

The Department of Kinesiology offers a general studies program that includes the Kinesiology Core and an expanded Liberal Arts and Sciences base under the option Pre-Health Professional Program. This combination of course work and practical experience will position the student for continued study at the graduate level in a variety of health professions including occupational therapy and physical therapy. The program includes the standard prerequisite courses for occupational and physical therapy, but students are advised to check the pre-requisites for their intended graduate program and work these into their program where elective course work is afforded. Students are also advised to maintain a minimum grade point average of 3.00 (B) since entry into graduate programs in the health professions is highly competitive. A "B" or better in the specific prerequisites is required for most graduate programs

Curriculum and Degree Requirements

All students must complete 1-4 below:

1. University Core Curriculum Courses (35-40 s.h.)
2. Kinesiology Core Courses – KINES 0001, 0202-0206 (20 s.h.)
3. Forms of Movement Courses - KINES 0008-0099 (6-10 s.h.)
4. Program specific requirements, and elective courses (67-70 s.h.)

Note: All courses that serve as prerequisites for other courses in the Department of Kinesiology must be completed with a minimum grade of C-. The Kinesiology Core and program requirements must be satisfactorily completed prior to enrolling in any internship.

Professional Option Requirements

Students may select a professional application program and electives to complete the 128 semester hours required for graduation. There are four options: I. Physical and Health Education Teacher Education (PHETE), II. Athletic Training, III. Exercise and Sport Science and IV. Kinesiology Pre-Health Professional Program. They are more fully described below.

Kinesiology Foundation Requirements

Department	Course #	Course Name	Hours	RCI
Psych	C060		3	
Human Anatomy and Physiology I	C100		4	
Human Anatomy and Physiology II	C101		4	

Kinesiology Departmental Requirements

Department	Course #	Course Name	Hours	RCI
KINES	0001	Introduction to Human Movement	3	
KINES	0202	Biomechanics of Human Performance	4	
KINES	0203	Physiology of Physical Performance	4	
KINES	0204	Motor Behavior	3	
KINES	W205	Psychosocial Bases- Human Movement	3	
KINES	0206	Why Humans Move	3	

Physical Activity Requirement

Department	Course #	Course Name	Hours	RCI
KINES	0099	Physical Fitness – Majors	2	
		Lifestyle Activity		
		Survival Activity		
		Aquatics Activity		
		Elective Activity		

I. Physical and Health Education Teacher Education (PHETE)

PHETE Courses

Department	Course #	Course Name	Hours	RCI
PHETE	0244	Introduction to Teaching Health Education I	1	
PHETE	0245	Introduction to Teaching Health Education II	1	
PHETE	0246	Basic Movement I	1	
PHETE	0247	Basic Movement II	1	
PHETE	0248	Advanced Movement I	3	
PHETE	0249	Advanced Movement II	3	
PHETE	0250	Micro-teaching in PHETE	1	
PHETE	0251	Tutorial in PHETE	1	
PHETE	0252	PHETE I	4	
PHETE	0253	PHETE II	4	
PHETE	0254	Teaching - School Environment	2	
PHETE	0255	Student Teaching in Health and Physical Education	12	
PHETE	0256	Developmental and Adapted Learning	3	
PHETE	0257	PHETE Practicum I	1	
PHETE	0258	PHETE Practicum II	1	
PHETE	0259	PHETE Practicum III	1	
PHETE	0260	Student Teaching Seminar	1	

Public Health Courses

Department	Course #	Course Name	Hours	RCI
PH	0230	Health Science I - Physical, Environmental	3	
PH	0231	Health Science II - Behavioral	3	
PH	0232	Health Science III	3	
PH		Health Studies Elective	3	

Education Courses

Department	Course #	Course Name	Hours	RCI
ED	0155	Inclusive Education for a Diverse Society	3	

II. Athletic Training

Kinesiology Courses

Department	Course #	Course Name	Hours	RCI
KINES	0142	Basic Techniques in Athletic Training	2	
KINES	0144	Movement Injuries: Prevention and Care	3	
KINES	0241	Lower Extremities: Assessment and Treatment of Injuries	3	
KINES	0242	Upper Extremities: Injury Evaluation		
KINES	0243	Head, Neck, and Spine: Assessment and Treatment of Injuries	3	
KINES	0244	Organization and Administration in Athletic Training	3	
KINES	0247	Practicum in Athletic Training I	3	
KINES	0248	Practicum in Athletic Training II	3	
KINES	0310	Physiology of Exercise	3	
KINES	0341	Therapeutic Modalities in Athletic Training	4	
KINES	0342	Therapeutic Exercises	4	
KINES	0343	Advanced Athletic Training	3	
KINES	0345	Special Topics in Athletic Training	3	
KINES	0347	Practicum in Athletic Training III	3	
KINES	0348	Practicum in Athletic Training IV	3	

Public Health Courses

Department	Course #	Course Name	Hours	RCI
PH	0104	Nutrition and Health	3	
PH	0351	Emergency Medical Practice	3	

Kinesiology Pre-Health Professional Program

Kinesiology Courses

Department	Course #	Course Name	Hours	RCI
KINES	0001	The Introduction to Human Movement	3	
KINES	0202	Biomechanics of Human Movement	4	
KINES	0203	Physiological Basis of Human Movement	4	
KINES	0204	Motor Behavior	3	
KINES	W205	Psychosocial Basis of Human Movement	3	
KINES	0206	Why Humans Move (History and Philosophy)	3	
KINES	08-99	Forms of Movement (Activity Courses)	7-10	
KINES	0359	Independent Study in Kinesiology	3	

Pre-Health Profession Core

Department	Course #	Course Name	Hours	RCI
Bio	C083	General Biology I	4	SA
Bio	C084	General Biology II	4	SB
Chem	C071	General Chemistry I	3	SA
Chem	C073	General Chemistry Lab I	1	SB
Chem	C074	General Chemistry Lab II	1	SB
Physics	C083	College Physics I	4	SA
Physics	C084	College Physics II	4	SB
Psyc	0200+	Upper level elective	3	
Sociology	0100+	Upper level elective	3	
Statistics		(Math C067, Soc C067, or Psych C067 recommended)	3	
Electives		Electives	6-8	

III. Exercise and Sport Science

Option I - Health and Wellness

Kinesiology Courses

Department	Course #	Course Name	Hours	RCI
KINES	0144	Movement Injuries: Care and Prevention	3	
KINES	0162	Introduction to Exercise and Sport Science	3	
KINES	0163	Basic Electrocardiography	3	
KINES	0180	Applied Technology in Kinesiology	3	
KINES	0268	Prev/Rehab Fitness Management	3	
KINES	0310	Physiology of Exercise	3	
KINES	0312	Exercise and Nutrient Metabolism - MG	3	
KINES	0313	Exercise and Aging - UG	3	
KINES	0314	Neuromuscular Principles of Strength and Conditioning	4	
KINES	0360	Introduction to Exercise Testing	4	
KINES	0361	Internship in Exercising Science	6-12	
PH	0104	Nutrition and Health	3	
PH	0324	Counseling Techniques	3	

Certification Requirement

Advanced First Aid/CPR/AED or Equivalent	0
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Exercise and Sport Science

Option II - Health, Wellness, Pre-Health Professions

Department	Course #	Course Name	Hours	RCI
KINES	0144	Movement Injuries: Care and Prevention	3	
KINES	0162	Introduction to Exercise Science	3	
KINES	0163	Basic Electrocardiography	3	
KINES	0180	Applied Technology in Kinesiology	3	
KINES	0310	Physiology of Exercise	3	
KINES	0312	Exercise and Nutrient Metabolism	3	
KINES	0313	Exercise and Aging	3	
KINES	0314	Neuromuscular Principles of Strength and Conditioning	4	
KINES	0360	Introduction to Exercise Science (optional)	4	
KINES	0361	(Optional) Internship in Exercising Sciences	3-12	
PH	0104	Nutrition for Health	3	
Chem	C071	General Chemistry I	3	SA
	C073	General Chemistry Lab I	1	
Chem	C072	General Chemistry II	3	SB
	C074	General Chemistry Lab II	1	
Bio	C083	General Biology I	4	SA
Bio	C084	General Biology II	4	SB
Physics	C083	College Physics I	4	SA
Physics	C084	College Physics II	4	SB
Psyc	0100+	Upper level elective	3	
Sociology	0100+	Upper level elective	3	
Statistics	0100+	(MC067, Soc C067, or Psych C067 Recommended)	3	

NURSING

Bachelor of Science (BSN)

Jill B. Derstine, RN, Ed.D., FAAN, Chair

Main Office Number 215-707-4686

Fax 215-707-1599

www.temple.edu/nursing

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Accreditation

The program is approved by the State Board of Nursing, Commonwealth of Pennsylvania, and accredited by the Commission on Collegiate Nursing Education. CCNE can be reached at One Dupont Circle, NW, Suite 503, Washington, D.C. 20036, 202-887-6791. Graduates are eligible to sit for the National Council Licensure Examination (NCLEX) leading to licensure as a Registered Nurse.

Pre-professional Requirements for Nursing

Freshman Year, Fall Semester*

Department	Course #	Course Name	Hours	RCI
Chemistry	C061	Introduction To Chemistry I	4	SA
Chemistry	C063	Lab		
English	C050	College Composition	3	CO
Mathematics	C073	Intermediate Algebra	3	QA
Sociology	C050	Introduction to Sociology	3	IN
LA/IS	Core	International Studies/Foreign Language**	3	IS
Total			16	

Freshman Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
Kinesiology	C100	Human Anatomy & Physiology I*	4	SA
Chemistry	C062	Introduction to Chemistry II	4	SB
	C064	Lab		
IH	X051	Intellectual Heritage	3	IA
Nursing	0111	Nutrition	2 or 3	
Psychology	C060	Psychology as a Social Science***	3	IN
Total			14	

Sophomore Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
Kinesiology	C101	Human Anatomy & Physiology II+	4	SB
Psychology	0200	Developmental Psychology	3	
IH	X052	Intellectual Heritage II	3	IB
Sociology	C067	Social Statistics	3	QB
		or		
Sociology	C201	Statistical Methods in Sociology	4	
Core	Elective	Arts	3	AR
Total			16-17	

Sophomore Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
Nursing	0110	Microbiology	4	
Biology	C084	General Biology II	4	SB
Core	Elective	American Culture	3	AC
Core**	Elective	Foreign Language/International Studies	3-4	LB/IS
Total			17-18	

*For students applying to Nursing Program for Fall 2007

**One International Studies course must be non-western or Third World

***Prerequisite for Psychology 0200 (Developmental Psychology)

****Prerequisite for Nursing 0110 (Microbiology)

+ Prerequisite for Microbiology

Special Fees

A laboratory fee of about \$250.00 (subject to change), covering all four professional semesters is charged and paid in four installments. Uniforms, books, and equipment total approximately \$600 in the first semester. In addition, some courses have special fees attached.

Advanced Placement Program for Registered Nurses

(The R.N. to B.S.N. Program)

Registered nurses who are graduates of diploma and associate degree programs may apply for admission with advanced standing. Applicants need not have completed all the pre-professional requirements before admission to the program. They should seek an appointment with the program Director to discuss the program requirements and get additional information on this curricular option. The nurse must be licensed or eligible for licensure in the Commonwealth of Pennsylvania. Pre-professional requirements may be satisfied by transfer of

acceptable college credits, College Level Examination Program (CLEP), or by taking the stipulated courses at Temple University. The registered nurse may challenge certain nursing courses through written ACT-PEP examinations that are scheduled several times each year. Nurses who have graduated from state approved nursing programs in the United States and who have current nursing experience are granted 31 advanced placement credits in the nursing curriculum. Those who do not meet these criteria validate their nursing knowledge through standardized challenge tests.

Non-Matriculated Advance Placement Students

Non-matriculated students are those who have not been formally admitted to the Nursing program. Non-matriculated students are required to apply for admission before they complete 12 credits or before they enroll for their third semester.

Professional Curriculum

The following program of study is prescribed. **A total of 122 credits is required for graduation.**

Junior Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
Nursing	0141	Nursing Care: Adult Client Systems	4	
Nursing	0112	Health Assessment	2	
Nursing	0145	Introduction to Nursing Systems	3	
Nursing	0147	Practicum I: Care of Adult Client Systems	2	
Nursing	0261	Pathophysiology and Applied Pharmacology for Nursing I	3	
Total			14	

Junior Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
Nursing	W242	Epidemiology in Nursing Systems	3	
Nursing	0243	Care of Developing Family	4	
Nursing	0244	Nursing Care Family Systems Practicum II	2	
Nursing	0245	Nursing Care: Child Practicum IIB	2	
Nursing	0262	Pathophysiology and Applied Pharmacology for Nursing II	3	
Total			14	

Senior Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
Nursing	0201	Nursing III	4	
Nursing	W130	Teaching Strategies	3	WI
Nursing	W250	Research Methods	3	WI
Nursing	0273	Nursing Practicum III	4	
Nursing	0283	Nursing Process III	3	
Total			17	

Senior Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
Nursing	W202	Nursing IV	4	WI*
Nursing	0274	Nursing Practicum IV	4	
Nursing	0284	Nursing Process IV	3	
Nursing	0291	Professional Issues	2	
Nursing		Elective	3	
Total			13	

*Indicates Writing Capstone for major

PUBLIC HEALTH

Alice Hausman, MPH, PhD, Chair

1700 N. Broad St., Suite 304

Philadelphia, PA 19122

215-204-5105

Fax 215-204-1854

www.temple.edu/publichealth

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Department of Public Health is composed of curriculum that will prepare students for diverse careers in the public health field and that focuses on creating, implementing, and evaluating interventions and programs designed to improve health status and quality of life for all individuals. The Department offers a nationally-ranked Bachelor of Science degree in public health for undergraduate students in which students study the broad range of public health concerns, including individual disease prevention and injury/harm reduction behaviors, distribution and development of disease through epidemiological assessment and community program development, implementation, and evaluation. Students learn to use educational interventions to provide health information, gain experience in assessing the needs of target populations, clarify program goals and objectives and develop strategies to motivate and involve their clients/patients in educational interventions. The department has a national reputation in all curricular areas and meets appropriate accreditation standards. Graduates from the program are eligible to sit for the national certifying exam. They can also apply for Temple's fully accredited Master of Public Health program.

The Public Health major trains entry-level health educators to provide front line preventive health information, services, and health behaviors interventions at the community level, particularly in communities with high-risk populations.

Graduates typically work in: voluntary health agencies, public health departments, hospitals, rehabilitation centers, corporate worksites, community health organizations, family planning clinics, and managed care facilities.

Mission of the Department

The mission of the department emphasizes the principles and practices of applied social-behavioral science of health education by creating and evaluating applied interventions, programs, curricula and policies designed to improve the health status and quality of life of individuals and communities. The department strives to contribute to the rapidly changing knowledge base in the applied social-behavioral sciences. The department's strong service mission ensures that faculty and students are available to the communities served by Temple University; thus the department emphasizes scholarly service to regional, state, and national institutions and organizations including schools, hospitals, voluntary and government health agencies. Because of pressing needs for health services in the region, coupled with our urban location, the program emphasizes public health and health education for diverse populations.

The Department of Public Health follows the requirements set forth by Temple University regarding Core Curriculum. The department has established additional core and cognate requirements for all Public Health majors.

Continuing students in the School Health Education track should refer to the following bulletin archive for program requirements, www.temple.edu/bulletin/main/temple_bulletins.htm

PUBLIC HEALTH MAJOR

Freshman Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
English	C050/R050	College Composition	3	WI/RS
Psych	C060	Psychology as a Social Science	3	IN
Math	C055	College Math	3	QA
Core	Elective	Select a course from indicated Core Area	3 or 4	LA/IS
Core	Elective	Select a course from indicated Core Area	3	AR/AC/RS
Total			15-16	

Freshman Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
Core	Elective	Select a course from indicated Core Area	3	AR/AC/RS
Core	Elective	Select a course from indicated Core Area	3 or 4	LB/IS
Core	Elective	Select a course from indicated Core Area	3	AR/AC/RS
IH	X051	Intellectual Heritage I	3	IA
Public Health	0100	Introduction to Public Health	3	
Total			15-16	

Sophomore Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
Kinesiology	C100	Human Anatomy and Physiology I	4	SA
IH	X052	Intellectual Heritage II	3	IB
Public Health	0101	Society Drugs & Alcohol Perspectives	3	
Health Related Professions	0103	Health Psych & Human Behavior	3	
Public Health	0107	Environmental Health*	3	
Total			16	

Sophomore Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
Kinesiology	C101	Human Anatomy and Physiology II	4	SB
Public Health	0102	Disease Prevention & Control**	3	
Public Health	0104	Nutrition and Health	3	
Public Health	0106	Human Sexuality	3	
English	W104	Writing for Business and Industry	3	WI
Total			16	

Junior Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
STOC	W065	Public Speaking	3	WI
Psych/Soc	C067	Foundations in Statistical Methods	3	QB
Public Health	W321	Public Health Programs	3	*WI
Public Health	0302	Teaching Techniques	3	
CIS	C055	Computers and Applications	4	SB
Total			16	

Junior Year, Spring Semester

Department	Course #	Course Name	Hours	RCI
Public Health	0200	Professional Seminar	3	
Public Health	0303	Teaching Health	3	
Public Health	0225	Epidemiology	3	
Public Health	W340	Public Health Program Administration	3	WI
Open Elective		Open Elective	3	
Total			15	

Senior Year, Fall Semester

Department	Course #	Course Name	Hours	RCI
Public Health	0280	Internship I	5	
Public Health	0300	Professional Seminar in Public Health	1	
Health Related Professions	W312	Research Methodology	3	WI
HM	0101	Introduction to Healthcare Management	3	IN
Public Health		Elective	3	
Total			15	

Senior Spring

Department	Course #	Course Name	Hours	RCI
Public Health	0380	Internship II	9	
Public Health		Elective	3	
Public Health	0324	Counseling Techniques for Health Professionals	3	
Total			15	

*indicates course is only offered in fall semester
 **indicates course is only offered spring semester

Transfer Student – Public Health

1st Semester Fall

Department	Course #	Course Name	Hours	RCI
Public Health	0100	Introduction to Public Health	3	
Public Health	0101	Society, Drugs & Alcohol Perspectives	3	
STOC	W065	Public Speaking	3	WI
Health Related Professions	0103	Health Psychology & Human Behavior	3	
Public Health	0107	Environmental Health*	3	
Total			15	

2nd Semester Spring

Department	Course #	Course Name	Hours	RCI
Public Health	0102	Disease Prevention & Control**	3	
Public Health	0104	Nutrition and Health	3	
English	W104	Writing for Business & Industry	3	WI
Public Health	0106	Human Sexuality	3	
HM	0101	Introduction to Healthcare Management	3	IN
Total			15	

3rd Semester Fall

Department	Course #	Course Name	Hours	RCI
Public Health	0200	Professional Seminar	3	
Public Health	0302	Teaching Techniques	3	
Public Health	W321	Public Health Programs	3	***WI
Public Health	W312	Research Methodology	3	WI
CIS	C055	Computers and Applications	4	SB
Total			15	

4th Semester Spring

Public Health	0303	Teaching Health	3	
Public Health	W340	Public Health Program Administration	3	WI
Public Health	0280	Internship I	5	
Public Health	0225	Epidemiology	3	
Total			14	

5th Semester Fall

Public Health	0380	Internship II	9	
Public Health	0324	Counseling Techniques for Health Professionals	3	
Public Health	Elective	varies	3	
Total			15	

*indicates course is only offered in fall semester
 **indicates course is only offered in spring semester
 *** Indicates writing capstone for major.

Minor in Public Health

Foundation Requirements Required 15 credits

Department	Course #	Course Name	Hours	RCI
Public Health	0100	Intro to Public Health	3	F/S
Health Related Professions	0103	Health Psych/Human Behavior	3	F/S
Public Health	0107	Environmental Health	3	F
Public Health	0110	Contemporary Health Issues	3	F/S
Public Health	0225	Epidemiology <i>Prerequisite: Math/Psy/Soc C067</i>	3	F/S
Total			15	

Public Health and Society Electives

Department	Course #	Course Name	Hours	RCI
<i>Select one of the following:</i>				
Public Health	0101	Society, Drugs & Alcohol	3	F/S
Public Health	0102	Disease Prevention & Control	3	S
Public Health	0104	Nutrition & Health	3	F/S
Public Health	0106	Human Sexuality	3	F/S
Total			3	

General Public Health Electives

Department	Course #	Course Name	Hours	RCI
<i>Select one of the following:</i>				
Public Health	C089	International Health	3	F/S
Public Health	0105	Violence and Injury Prevention	3	F
Public Health	0188	Health Communication	3	F
Public Health	0305	AIDS & Society (Inter-session/Summer)	3	
Public Health	0324	Counseling Techniques	3	F/S
Public Health	0343	Diet & Weight Management	3	S
Subtotal:			3	
Total			21	

THERAPEUTIC RECREATION

John Shank, Ed. D., CTRS, Chair
1700 N. Broad St., Suite 313
Philadelphia, PA 19122
Main Office Phone: 215-204-2703
Fax: 215-204-1386
rectherapy@temple.edu
www.temple.edu/TR

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Department of Therapeutic Recreation is composed of three degrees: a B.S. in Therapeutic Recreation, an Ed.M. in Therapeutic Recreation, and an interdisciplinary Ph.D. in Health Studies with a cognate concentration in TR. Recreation therapists use recreation and leisure activities to facilitate recovery, health, and wellness in individuals with disabilities. The primary goal of the undergraduate program is to prepare entry level recreation therapists to deliver rehabilitation, health promotion, and disease prevention programs to individuals with disabilities. Alumni of Temple's therapeutic recreation degree programs can be found in a wide range of health and human services agencies. They are employed in diverse settings, including hospitals, rehabilitation centers, nursing homes, assisted living facilities, schools, and community recreation agencies. According to the U.S. Department of Labor, employment opportunities are expected to continue growing due to expansion in long-term care, physical and psychiatric rehabilitation, and services to people with disabilities.

Mission of the Department

The mission of the Therapeutic Recreation Department is to prepare recreation therapists to provide play, recreation, and leisure opportunities as a form of health promotion, rehabilitation, and disease prevention to individuals with disabilities across the lifespan. This mission is achieved through three interrelated components – teaching, research, and service. The teaching mission of the Department is to provide the best and most current teaching techniques and learning opportunities for students at all academic levels and to instill a set of values, ethics, and skills that will guide academic pursuit and professional practice. The Department's mission also includes contributing, through research and other scholarly activities, to the ever-changing knowledge base in health, leisure, and disability studies. Academic excellence is evident in the pass rate of alumni on the National Certifying Exam in Therapeutic Recreation and the faculty's funded research activities. The Department's service mission is emphasized through faculty and student service to local and regional agencies and organizations, including schools, community recreation providers, and health care and human services agencies. Central to the overall mission of the Department of Therapeutic Recreation is a commitment to access and diversity. This is realized through a commitment to ensuring equal access to all qualified applicants (students and faculty) and a commitment to promoting equal access to recreation and leisure opportunities for all people, regardless of age, economics, race, or abilities.

Certification

Following satisfactory completion of all coursework and internship requirements, graduates with the B.S. degree in Therapeutic Recreation are eligible to sit for the national certifying examination in therapeutic recreation administered by Educational Testing Services and the National Council on Therapeutic Recreation Certification.

THERAPEUTIC RECREATION - Bachelor of Science

A Bachelor of Science (BS) degree in Therapeutic Recreation (TR) is awarded to students upon satisfactory completion of a minimum of 120 semester hours of credit with a minimum GPA of 2.0 overall and 2.5 in the major. Students completing this degree are eligible to sit for the national credentialing examination for recreation therapists.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Summary of Requirements

1. University Requirements.

Students must complete University Core requirements (36-43 s.h.), including 9 semester hours of writing intensive courses (WI). A statistical methods course must be taken to satisfy the second level Quantitative Reasoning (QB) core requirement. Certain courses fulfill both University Core requirements and major requirements. These include Kinesiology C100 (first level science core requirement), and Health Related Professions C050 (Individual & Society Core).

2. Major Requirements.

Students must complete a set of specific courses in the major, including two credit-earning field-based clinical internships (TR 0280 and TR 0380). Students may choose from a list of approved external related electives, which are courses related to the major but offered outside the Department. Students must also complete other non-credit earning requirements as part of the major, including 150 hours of volunteer experiences relevant to the major, certification in First-Aid/CPR, and a Library Skills competency test.

The following grid displays required courses. Please note that, unless specified otherwise, students may select from a number of University-approved courses in the various areas of the Core Curriculum.

An asterisk (*) after the Core Indicator indicates the Writing Capstone.

Year 1 – Fall Semester

Department	Course #	Course Name	Hours	RCI
English	C050/R050	College Composition	3	CO/RC
Health Related Professions	C050	Contemporary Aspects of Disability	3	IN
or				
	0100	Introduction to Health Professions	3	
Math	C055	College Math	3	QA
Core	Elective	Select a course from indicated Core area	3 or 4	LA/IS
Core	Elective	Select a course from indicated Core area	3	AR/RS
Core		Library Skills	0	
Total			15-16	

Year 1 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Psychology	C060	Psychology as a Social Science	3	IN
Therapeutic Rec	0108	Adapted Sport, Recreation and Inclusive Leisure Services	3	
IH	X051	Intellectual Heritage I	3	IA
Core	Elective	Select a course from indicated Core Area	3	AR/RS
Core	Elective	Select a course from indicated Core Area	3 or 4	LB/IS
Total			15-16	

Year 2 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Kinesiology	C100	Human Anatomy and Physiology I	4	SA
Therapeutic Rec	0330	Foundations of Professional Practice in Therapeutic Recreation	3	
Psychology	0200	Developmental Psych	3	
or				
Education	0122	The Developing Individual Across the Life Span	3	
Open Elective		General Elective	3	
IH	X052	Intellectual Heritage II	3	IB
Total			16	

Year 2 – Spring Semester

Department	Course #	Course Name	Hours	RCI
HRP	0103	Health Psych & Human Behavior	3	
STHM (External Related Elective)	C080/X080	Leisure in American Culture	3	AC/WI
Open Elective		General Elective	3	
Core	Elective	Select any SB course	3 or 4	SB
Psychology	C067	Foundations in Statistical Methods	3	QB
or				
Sociology	C067	Social Statistics	3	
Total			15 – 16	

Year 3 – Fall

Department	Course #	Course Name	Hours	RCI
Ther Rec	0331	Assessment & Documentation	3	
Ther Rec	0332	Therapeutic Recreation Modalities	3	
Ther Rec	0354	TR and Mental Health	3	
or				
Ther Rec	0357	TR and Developmental Disabilities		
Psych	0220	Foundations of Psychopathology	3	
Open Elective		General Elective	3	
Total			15	

Year 3 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Therapeutic Rec	0280	Internship I (Prereq: TR 0330, TR 0331, TR 0332)	3	
Therapeutic Rec	0303	Health Promotion through Leisure	3	
<i>Select 2 of the following 3 Therapeutic Recreation courses:</i>				
Therapeutic Rec	0358	TR & Long Term Care	3	
<i>or</i>				
Therapeutic Rec	0355	TR & Physical Disabilities	3	
<i>or</i>				
Therapeutic Rec	0356	Therapeutic Recreation and Pediatric Health Care	3	
Required Elective		Related Writing Intensive Elective	3	WI
Total			15	

Year 4 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Therapeutic Rec	0300	Professional Seminar	3	
Therapeutic Rec	W335	Clinical Procedures in TR (Prerequisite TR 0280 and TR 0331)	3	WI*
Therapeutic Rec	0350	Administration of Therapeutic Recreation (Prerequisite TR 0280)	3	
Therapeutic Rec	W312	Research & Evaluation (Pre-requisite Stat/QB)	3	WI
Therapeutic Rec	0354	TR & Mental Health	3	
<i>or</i>				
Therapeutic Rec	0357	TR & Developmental Disabilities	3	
Open Elective		General Elective	3	
Total			18	

Year 4 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Therapeutic Rec	0380	Internship II (Prereq: All required coursework)	12	
Total			12	

Total Credits Required for Degree

120 min*

*KIN C100, Psych C067 or Soc C067, and HRP C050 fulfill departmental and Core requirements

Transfer Curriculum

The following course sequencing is based on meeting Temple University's Core to Core Transfer requirements for students with an approved associate degree from a community college with an approved Core-to-Core agreement. (See Core Transfer programs at www.temple.edu/bulletin/Academic_programs/core/transfer_programs/core_transfer_programs.shtm). If your transfer courses do not include coursework in anatomy and physiology, human growth and development, and abnormal psychology, you will be required to take these courses as part of your B.S. degree. In some instances, the general elective requirements identified may be used to meet this requirement. Students should check with their academic advisor and faculty mentor regularly to make certain they are meeting all requirements to be eligible for graduation.

1st Semester - Fall

Department	Course #	Course Name	Hours	RCI
HRP	C050	Contemporary Aspects of Disability	3	
Therapeutic Rec	0354	TR & Mental Health	3	
<i>or</i>				
Therapeutic Rec	0357	TR & Developmental Disabilities		
Therapeutic Rec	0108	Adapted Sport, Recreation & Inclusive Leisure Services	3	
Therapeutic Rec	0332	Therapeutic Recreation Modalities	3	
Open Elective		Related Elective	3	WI*
Open Elective		Related Elective	3	
Total			18	

Second Semester – Spring

Department	Course #	Course Name	Hours	RCI
Therapeutic Rec	0330	Professional Practice in Therapeutic Recreation	3	
Therapeutic Rec	0331	Assessment & Documentation	3	
Therapeutic Rec	0303	Health Promotion through Leisure	3	
<i>Select 2 of the following 3 Therapeutic Recreation courses:</i>				
Therapeutic Rec	0358	TR & Long Term Care	6	
<i>or</i>				
Therapeutic Rec	0355	TR & Physical Disabilities		
<i>or</i>				
Therapeutic Rec	0356	Therapeutic Recreation and Pediatric Health Care		
HRP	0103	Health Psychology and Human Behavior	3	
Total			15	

3rd Semester – Summer

Department	Course #	Course Name	Hours	RCI
Therapeutic Rec	0280	Internship I	3	
Total			3	

4th Semester – Fall

Department	Course #	Course Name	Hours	RCI
Therapeutic Rec	0300	Professional Seminar	3	
Therapeutic Rec	W335	Clinical Procedures in TR (Prereq: TR 0280, TR 0331)	3	*WI
Therapeutic Rec	0350	Administration of Therapeutic Recreation (Prereq: TR 0280)	3	
Therapeutic Rec	W312	Research & Evaluation (Prereq: Stat/QB)	3	*WI
Therapeutic Rec	0354	TR & Mental Health	3	
<i>or</i>				
Therapeutic Rec	0357	TR & Developmental Disabilities		
Required Elective		Related Elective	3	
Total			18	

5th Semester – Spring

Department	Course #	Course Name	Hours	RCI
Therapeutic Rec	0380	Internship II (Prereq: All Required Coursework)	12	
Total			12	

FOUNDED: 1884

Philip Alperson, Acting Dean
 12th floor Anderson Hall
 1114 W. Berks Street
 215-204-7743
www.temple.edu/CLA

ACADEMIC ADVISING CENTER

1st floor Sullivan Hall
 1330 W. Berks Mall
 215-204-7971
advisor@temple.edu

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
 Hours = credit hours
 RCI = Required Core Indicator

INTRODUCTION

Whatever your career aspirations, your future begins in the College of Liberal Arts. Our courses and majors build toward exciting internships and co-op opportunities, offering practical, valuable work experience as you explore literature, languages, history, psychology, criminal justice, the social sciences, and more. The College of Liberal Arts integrates skills in effective communication, critical and analytical thinking, problem-solving, and technological literacy, tools necessary for any professional career. We offer degree programs at all Philadelphia area campuses as well as international options for study. In the College of Liberal Arts, you will be able to choose from among the nation's leading scholars, professors who have connections both to the world of work and to graduate and professional schools.

Liberal Arts programs easily accommodate minors or certificates in other schools or colleges, allowing students to prepare for careers in education, business, media, government, and a variety of profit and non-profit organizations and institutions. Whether your interests lie in one of our many undergraduate majors, in the pre-professional programs of Law, Medicine, Health Professions, or even if you are not yet decided on a major, your future begins here.

In the College of Liberal Arts, scholarly excellence and originality are our highest goals. We offer a rigorous curriculum, but also demand that our students learn how to generate original ideas, in addition to learning from the faculty. Situated within a large and vibrant research university, the College of Liberal Arts is a wonderful place to pursue original research and contribute to the world of knowledge. Through rigorous courses, directive research, independent studies and honors programs, undergraduates in the liberal arts are encouraged to develop their own scholarly projects. Such projects are a critical part of intellectual growth at Temple, and lead to excellence and success in all careers.

The College's undergraduate programs prepare students to enter the world as informed, responsible citizens, as women and men making consequential choices about the future of their communities, and as leaders in the careers they choose to pursue. Because a rapidly changing technological society cannot prosper without men and women trained in the methods of logical inquiry, deductive reasoning, and critical analysis, the College holds

fundamental assumptions about undergraduate education:

- there are certain skills and concepts basic to all academic disciplines, and their mastery is essential for all subsequent study;
- a liberal education should teach students how to learn;
- factual knowledge has value only when the methods of inquiry which led to its creation are understood.

The undergraduate Core Curriculum is based upon the skills and knowledge essential to a liberal education. In a world which every year becomes more complex and where information becomes more highly specialized, the ability to speak and write well – to communicate and describe ideas in language that is clear and precise – is the greatest asset of an educated man or woman. The increasing reliance of society upon numbers also requires the ability to manipulate numerical data, to recognize their misuse, and to understand the multiple interpretations they often permit. Informed judgment requires of the student an awareness of the diversity of cultures, and a knowledge of our intellectual heritage and the major texts through which it is transmitted. Personal fulfillment rests upon the appreciation of truth and beauty manifested in the works of religion, philosophy, and the arts.

Baccalaureate programs in the divisions of the College of Liberal Arts – the social sciences and the humanities – lead from the Core Curriculum toward mastery of the subject matter, methods, and values of a chosen field, and prepare the student for productive work or for graduate study. In conjunction with the major, many students complete pre-professional coursework required for preparation for future studies in the health sciences, dentistry, law, pharmacy, or medicine. All of our programs offer undergraduates the opportunity to work with distinguished faculty and a richly diverse and stimulating student body as they prepare for an active role in a future of change and challenge.

ACCREDITATION

Departments and programs at Temple University are accredited by the Commission on Higher Education of the Middle States Association of Schools and Colleges. Individual departments and programs may carry additional accreditation by the official accreditation body for that discipline.

SPECIAL PROGRAMS

Center for Internships and Career Development

Michael Szekely, Coordinator
 Sullivan Hall, Room 129
 215-204-6704
mszekely@temple.edu

The CICD links College of Liberal Arts students and faculty to organizations in the greater Philadelphia region in order to provide applied learning and career-oriented opportunities, as well as forums for engaged research. This also includes the development of experiential and career development programs and resources, including: internships, career exploration tools, career-oriented workshops, community-based learning courses, externships, and comprehensive manuals. Applied learning and placement serves to enhance the academic course of study of students while also providing a chance to explore possible career paths. Contact the CICD to schedule an appointment.

Corporate Internship Program

This program connects undergraduate students with corporate and business communities, allowing students to work alongside key members of the private sector. Corporate internships provide an opportunity to develop and hone the skills needed to negotiate the ever-changing and competitive professional world. Our corporate interns attain placements in which they are actively taking part in both the infrastructural and the innovative developments of a business—i.e., both the mechanisms that sustain its success and the strategies that contribute to its role as a leader in the private sector. For more information, contact Michael Szekely, CICD Coordinator, 215-204-6704.

First-Year Writing Program

Dennis Lebofsky, Director
 215-204-1820
Keith Gumery, Associate Director
 215-204-2072
 1046 Anderson Hall
www.temple.edu/english/fywp.html

The First-Year Writing Program comprises English 0040, 0041, C050, C051, and R050. English 0040 is a four-credit course that focuses on writing within a single theme and disciplinary approach. English C050 is a three-credit course that takes a broader perspective, requiring students to explore a single theme from the point of view of at least two disciplines, and it meets the Core Composition requirement. English R050 is the same as C050, except that the readings focus on the study of race. R050 meets the Core Studies in Race requirement as well as the Core Composition requirement. English 0041 and C051 are courses designed to meet the needs of the ESL (English as a

Second Language) learner, and the guidelines for English 0040 and English C050 are followed.

English 0040 and C050 form a year-long sequence to introduce students to academic discourse. Entering first-year students are either placed into the 0040-C050 sequence, in C050 only, or exempted from these courses entirely. Placement is based on a formula which takes into account the results of the placement exam, DTLs reading and writing scores, high school rank, and the SAT verbal score.

Until students have completed their English 0040/41 requirement, they may not enroll in English C050/51. English C050/51 is a prerequisite for Intellectual Heritage X051 and X052 and any upper level course in the College of Liberal Arts. English C050/51 or R050 may not be taken for credit by students who have successfully completed English H090.

Intellectual Heritage Program

Daniel Tompkins, Director
daniel.tompkins@temple.edu
215-204-3177

Marc Stier, Associate Director
marc.stier@temple.edu
215 204-3044

Grant Ward, Associate Director
215-204-1770
www/temple.edu/ih

The Intellectual Heritage Program is a writing-intensive two-course sequence required as part of the University Core curriculum. Through encounters with some of the rich, complex, and historically significant texts that have shaped the culture we know in the United States today, students build reading, writing, and speaking skills and intellectual curiosity and engagement. Students become familiar with some of the key concepts and moments in Western and other intellectual traditions.

Intellectual Heritage is required of all entering undergraduate students. Satisfactory completion of the Core Composition requirement is prerequisite to IH X051. IH X051 is prerequisite to IH X052. Honors sections are offered as IH X091 and X092, respectively.

Study Abroad

Undergraduates majoring in any liberal arts discipline may pursue a large variety of study abroad options. Temple University has campuses in Rome, Italy, and Tokyo, Japan. We offer a program in London, England, and exchange programs with universities in England, Germany, and Puerto Rico. Summer programs are also offered in France, Ghana, Great Britain, Italy, Japan, and South Africa.

See International Programs for more information about study abroad options p. 44.

University Honors Program

Students in the College of Liberal Arts are eligible to apply to the University Honors Program in which they may take specially designated Honors courses to satisfy their University Core requirements. **See Academic Programs/University Honors p. 45.**

Departmental Honors Programs

Many departments in the College of Liberal Arts offer departmental Honors Programs. Students should consult the Undergraduate Chairperson in the selected department regarding eligibility and the Program requirements.

Teacher Preparation

A liberal arts education provides an excellent foundation for students interested in pursuing careers in teaching at the elementary and secondary levels. A solid grounding in academic content, along with broad training in critical thinking, analytical reasoning, and communication skills offers students a distinct advantage in the 21st century classroom.

Five-Year Combined B.A./Ed.M. Secondary Education Teaching Certification Program

Owen Schugsta, Program Advisor
Academic Advising Center
owen.schugsta@temple.edu

The Five-Year program offers the opportunity for Liberal Arts students to earn an undergraduate degree while simultaneously pursuing a Master's degree and a Secondary Teaching Certification. Students enroll in graduate level courses in the College of Education beginning in the fall semester of the junior year. Upon completion of the undergraduate degree, students make a seamless transition into graduate studies in the College of Education for one additional year. After a student satisfies all the graduate program requirements, a Master's degree in Education is awarded with Secondary Teaching Certification.

College of Liberal Arts students majoring in English, Foreign Languages, Geography and Urban Studies, and History are considered for this program. Admission is competitive; applications are submitted in the spring semester of the sophomore year for a fall start date. The Five-Year Program is for Secondary Education certification only. Students seeking Elementary Education Certification can apply directly to the College of Education for the traditional two-year Master's Certification Program.

Temple Education Scholars

Each year a small number of highly talented incoming freshmen with an interest in secondary education teaching are provisionally admitted to the Five-Year Program at the same time that they are accepted to the College of Liberal Arts. Applications are submitted concurrently with the undergraduate Temple Admissions Application.

Selection to EdScholars is based on students' high school record, performance on the Scholastic Aptitude Test, letters of recommendation, and a required essay and interview. Accepted students choose a major that has a cognate area in the College of Education's Curriculum, Instruction, and Technology in Education (CITE) department. EdScholars begin the graduate component of the program in the fall term of the junior year.

Temple Law Scholars Program

Paul Crowe, Director
7th floor Anderson Hall
215-204-8591
pcrowe@temple.edu

The Temple Law Scholars Program provides an opportunity for outstanding students to gain provisional admission to the Temple University Beasley School of Law at the same time they are accepted into the College of Liberal Arts. As Temple Law Scholars, students spend their undergraduate years in Temple's Honors Program, after which they enroll in the Beasley School of Law, leading to the JD degree. Scholars will take advantage of special opportunities that are offered by the law school including attendance at special lectures and events, participation in the law school's trial advocacy program, mentoring by law school faculty, students, and administrators, and visiting law school classes.

The Temple Law Scholars Program is highly selective. To be considered, applicants must be accepted into the Honors Program. High class standing, high SAT scores, and superior letters of recommendation are expected, as is an articulate, thoughtful essay. In addition, other criteria used in the decision-making process include above average maturity, community service, leadership, and a genuine commitment to the legal profession and service to others.

Application to the Temple Law Scholars Program takes place at the same time students apply to the College of Liberal Arts. The application materials include the Temple undergraduate admission application, the Temple Law Scholars application, three letters of recommendation, and an essay on a topic assigned by the Temple Law Scholars admissions

committee. An interview may also be required. The deadline for receipt of all application materials is February 1.

HONOR SOCIETIES AND AWARDS FOR ACHIEVEMENT

Awards

During the graduation season in May, the Baccalaureate Awards Ceremony is held to honor seniors who have demonstrated outstanding academic performance and/or exceptional service to the College. Junior scholarship recipients are also recognized at this annual event. These prizes are awarded competitively and are a testament to the excellence of the College of Liberal Arts undergraduates.

Phi Beta Kappa

See Supplemental Educational Opportunities: Academic Opportunities: Honor Societies, p. 45.

President's Scholars

See Supplemental Educational Opportunities: Academic Opportunities: Honor Societies, p. 45.

STUDENT ASSOCIATION INFORMATION

Majors' Associations

Many of the departments within the College of Liberal Arts support student interest groups known as Majors' Associations. These organizations provide opportunities for students from the individual disciplines of the liberal arts to meet one another and to extend the learning experience beyond the classroom. Frequently the associations invite their alumni back to campus to connect with current undergraduates and talk with them about the wide range of career options open to liberal arts graduates.

Participation in the majors' associations has significant benefits. Active involvement cultivates skills in leadership, team work, public speaking, and budget management, all of which are highly valued in the workplace. Students with creative interests can foster their talents by writing for magazines, newsletters, and other publications, or by participating in poetry readings, debates, and other similar activities.

It is important that there be student involvement on the departmental level because it is here that students can have the most input concerning course offerings and departmental functions.

SPECIAL FACILITIES

Educational Technology Center (ETC)

ETC Computer Lab
AL 21 Anderson Hall
215-204-3213

General Labs

The Educational Technology Centers (ETC), located in Anderson Hall, Room 21, provides computing and media resources to assist students in the College of Liberal Arts and the University community in general. A drop-in computer lab located in Anderson 21 assists students with course-related programs and computing needs.

Instructional Labs

The Center also boasts two instructional labs (AL 19 and AL 22), one production lab for Geographic Information Systems (GH 336), two labs for the social sciences (Gladfelter Hall 748 and Weiss 640), and two state-of-the-art foreign language labs (AC 103 and 104).

Media Learning Center

Frank Palazzo, Manager, Media Learning Center
AL 21 Anderson Hall
215-204-8265

Also located within the ETC is the Media Learning Center, a service of the College that provides audio and video materials for faculty use in the classroom. Students may also view visual materials related to their coursework in selected study spaces at the Center. The Center also provides faculty with limited digital video production services.

Hours of Operation:

● General Labs

- Anderson Lecture Hall 21:
8:30 a.m. – 5:00 p.m. Friday

● Instructional Labs

- Anderson Lecture Hall 19 and 22:
8:30 a.m. – 9:00 p.m. Monday – Thursday; 8:30 a.m. – 5:00 p.m. Friday
- Anderson Classroom 103 and 104:
8:30 a.m. – 4:30 p.m. Monday – Friday
- Gladfelter Hall 336 and 741:
8:30 a.m. – 4:30 p.m. Monday – Friday
- Weiss Hall 640:
8:30 a.m. – 4:30 p.m. Monday – Friday

● Media Learning Center

- Anderson Lecture Hall 19 and 22:
8:30 a.m. – 9:00 p.m. Monday – Thursday; 8:30 a.m. – 4:30 p.m. Friday
- Anderson Lecture Hall 21:
8:30 a.m. – 4:30 p.m. Monday – Friday

There are no evening hours during summer sessions.

ACADEMIC ADVISING

College of Liberal Arts Academic Advising Center
1st floor Sullivan Hall
1330 W. Berks Mall
215-204-7971

advisor@temple.edu

The Advising Center will be moving in 2006 to our new home on the 3rd floor of 1800 Liacouras Walk.

It is recommended, and in some cases required, that students consult with an advisor prior to registration. The advisor will review the proposed coursework and inform students of the requirements for graduation. In addition, the advisor helps students achieve breadth in their curriculum and provides other needed assistance.

Academic advisors strive to avoid errors when advising students about program requirements; however, the college cannot assume liability for errors in advising. Students are responsible for knowing the requirements for their degree and for acquiring current information about their academic status.

Academic Advising Center

The Academic Advising Center in the College of Liberal Arts helps Liberal Arts students plan curricula, choose majors, make vocational and post graduate plans, and resolve a variety of academic matters. Services are provided by a staff of full-time professional advisors and part-time faculty advisors. The Center informs students about the results of placement testing and assignment into corresponding courses. Monitoring of academic progress and graduation clearance is also the responsibility of the Advising Center. Through individual interviews and group workshops, the Center offers the following services:

- New Student Orientation for freshmen and first semester transfer students.
- Curriculum Advising for undeclared Liberal Arts students and declared majors in the Humanities and Social Sciences who have completed fewer than 30 credits. Students enrolled in the University Honors Program are advised in the Honors Office in Tuttleman Learning Center until they have completed 60 semester hours. All other students are advised in their major departments.
- Registration Assistance for students, including online processing of original registrations, schedule revisions, and course withdrawals according to University Policy. Note that no changes will be processed unless the student presents the request in person and waits for

processing and a receipt of the transaction.

- Academic Counseling provides an opportunity for students to develop a meaningful education plan compatible with life goals. Students can also meet with advisors to discuss a variety of academic concerns and develop some possible solutions. Students on academic probation or experiencing academic difficulty work with advisors to learn strategies for overcoming the obstacles to success.
- Pre-Professional Advising for students planning to enter law school. Pre-professional advising for the health professions is offered through the Academic Resource Center.
- Intra-University Transfer (IUT) Advising for students changing programs and moving to the College of Liberal Arts from other schools and colleges within Temple. During mandatory group advising sessions, students transferring to Liberal Arts learn about collegial degree requirements, policies, and procedures, and complete their IUT applications.
- Readmission interviews.
- Mandatory Graduation Reviews for students who have completed 80 or more credits and are approximately two semesters away from graduation.
- Special requests that require students to petition, including those to attend another university for a semester or summer course, be graded in one course on a credit/no credit basis, register for an overload, evaluate credit by examination, or receive approval for an exception to policy.

Departmental Advisors

Students are advised by a departmental advisor within their major once they have accumulated at least 30 credits and have declared a major. Through contact with departmental faculty, students gain an in-depth appreciation of a specific discipline and discover opportunities associated with their field of interest.

Student Grievance Procedures

Title IX of the Educational Amendments Act of 1972 requires that each college or university establish due process for the resolution of academic grievances and for the purpose of protecting students from prejudiced and capricious academic evaluation. All undergraduate students enrolled in the College of Liberal Arts have a right to appeal academic matters which they deem unfair and unreasonable. The student must show pervasive evidence indicating a mistake, fraud, or bad faith on the part of an instructor. Examples of student grievance matters

include (but are not limited to):

- Homework score is missing from final grade calculation
 - Test score is miscalculated
 - Failure of instructor to follow grading policy on syllabus
- Students will not be allowed to grieve an academic matter unless it is accompanied by such evidence. A student must initiate the first stage of an academic grievance no later than 30 days after the beginning of the fall or spring semester immediately following the completion of the course in which the grievance occurred. Students should first contact their instructor to discuss the grade(s) in question, and if the matter cannot be resolved at that level, students are then urged to talk with the chairperson for the department in which this course was given. (Chairperson information is available in this publication.) Copies of the College of Liberal Arts Grievance Procedure can be obtained from the Dean's Office, Anderson Hall, 12th Floor.

Continuing Student Registration

Continuing student registration is the period during the fall and spring semesters when currently enrolled students should register. Prior to processing their registrations, freshmen meet with advisors in a group setting to review their DARS documents and discuss course selections for the upcoming semester. Freshmen and transfer students with fewer than 30 credits will be unable to register for their second semester unless they attend a mandatory group advising session. DARS for all students are available on the Web through OWLnet.

New transfer students and continuing students in good academic standing are encouraged to meet with their advisors before processing their schedules via email registration. Students ineligible to use on-line registration are required to meet with an advisor.

Pre-Professional Advising

Early Admission to Health Professions Graduate Programs: students in the College of Liberal Arts who have been admitted to graduate health-related professional schools at the end of their third year and have completed 90 semester hours of College of Liberal Arts or College of Science and Technology coursework, including the requirements of the College and their majors, with a cumulative GPA of at least 3.5 may petition the Dean for the transfer of their first year in professional study toward the completion of the requirements for the degree of Bachelor of Arts.

Preparation for the Study of Law –

All law schools accept the degree of Bachelor of Arts as fulfillment of their requirements for admission. The Pre-Legal Education Committee of the Association of American Law Schools and the Temple University School of Law stress the importance of a well-rounded education. Since the legal profession makes extensive use of both the written and spoken English language as professional tools, the law student should have extensive preparation in English in undergraduate courses. Because a large part of a lawyer's work requires problem solving and sound judgment, students should take courses that help develop creative power in thinking. The study of law, furthermore, rests upon a broad knowledge of western civilization, including its political, economic, and social institutions; hence, the student preparing for law, should schedule courses which afford this broad background. Some law schools also recommend two semesters of accounting. After selecting a field of concentration, the student schedules courses in consultation with both the advisor in the area of concentration and with the pre-law advisor in the Academic Advising Center of the College of Liberal Arts.

Courses of Special Interest to Pre-Law Students –

While no specific undergraduate courses or majors are required for admission to accredited law schools, pre-law students are advised to select courses and programs of study that are intellectually challenging while helping to develop necessary skills and knowledge.

Courses that are "law-related" because they either require reading of law cases or concern the study of particular legal issues are listed below for the convenience of interested students. Law school admissions officials prefer that pre-law students take very few such courses, believing that the teaching of law more appropriately belongs in the province of the law school. It may be useful, however, for students who are uncertain about attending law school to test their level of interest by selecting one or more of the following courses in the College of Liberal Arts:

Department	Course #	Course Name	Hours	RCI
American Studies	0109	Courtroom in American Society	3	
Anthropology	0223	Comparative Law	3	
Criminal Justice	0150	Introduction to Criminal Law	3	
Criminal Justice	0243	American Jury System	3	
Criminal Justice	0247	Criminal Procedure: Prosecution and Adjudication	3	
History	R267	Race & U.S. Constitution	3	RS
Philosophy	C062	Morality and the Law	3	IN
Philosophy	0154	Political Philosophy	3	
Philosophy	0243	Philosophy of Law	3	
Political Science	0117	American Constitutional Principles I	3	
Political Science	0118	American Constitutional Principles II Civil Rights in America	3	
Political Science	0270	Classics in Political Philosophy	3	
Sociology	0270	Sociology of Law	3	
Sociology	0283	Social Movements	3	
Women's Studies	0273	Women and Criminal Justice	3	

To develop the communications skills of reading and comprehension, expository writing, and speaking:

Department	Course #	Course Name	Hours	RCI
Communication Sciences	0108	Introduction to Linguistics	3	
Adult and Org. Development	0214	Conflict and Communication	3	
English	W103	Writing the Research Essay	3	WI
English	W101	Developing Prose Style	3	WI
English		Upper level literature courses	3	
STOC	0065	Public Speaking	3	
STOC	0160	Persuasion	3	

To develop analytical reasoning skills:

Department	Course #	Course Name	Hours	RCI
Philosophy	0055	Critical Thinking	3	
Philosophy	C066	Logic	3	QB
Philosophy	0100	Introduction to Philosophy	3	
Philosophy	0121	Introduction to Ethics	3	
STOC	0164	Argumentation	3	
Computer Science and Mathematics				
Natural Science				

Since most law schools require applicants to submit the score earned on the Law School Aptitude Test, administered periodically by the Law School Admissions Service, students planning to study law should consult the pre-law advisor prior to the senior year to determine whether the school to which they plan to apply will require such a test and to determine the dates when such examinations are given. Prospective law students should consult the pre-law advisor about requirements for admission to law school, law school scholarship assistance, and opportunities in the legal profession. To satisfy statutory requirements, early in their senior year, prospective law students should consult the pre-law advisor concerning the legal requirements for practicing law in the state in which the student desires to study and practice.

Phi Alpha Delta Law Fraternity, International

Students interested in College of Liberal Arts pre-law studies are encouraged to join Phi Alpha Delta. Its pre-law program assists "undergraduate students to make an 'informed choice' in selecting law as a career, deciding which law school to attend, and in preparing for the rigors of law school."

PAD was formed "to advance the ideals of liberty and equal justice under law to stimulate excellence in scholarship; to inspire the virtues of compassion and courage; to foster integrity and professional competence; to promote the welfare of its members; and to encourage their moral, intellectual, and cultural advancement." For more information about Phi Alpha Delta and College of Liberal Arts pre-law society, please contact Dr. Paul Crowe, pre-law advisor at 215-204-8591 or pcrowe@temple.edu.

ACADEMIC POLICIES AND REGULATIONS

University policies and regulations generally apply to all undergraduate students and provide a framework within which schools and colleges may specify further conditions or variations appropriate to students in their courses or programs.

Academic Residency Requirements

Students who transfer into the College of Liberal Arts must complete at least 30 semester hours of course work as a student registered through the College and at least half of the courses required in the major at Temple.

Course Eligibility

All College of Liberal Arts undergraduate courses are divided into three kinds:

- Preparatory courses numbered 0001-0049: open to all students, full-time, part-time, matriculated, and non-matriculated.
- Lower Level courses numbered 0050-0099: open to all students including non-matriculated students who are in the process of completing required remedial courses or who have completed them, and who have completed appropriate course prerequisites.
- Upper Level courses numbered 0100-0399: open to all matriculated students who have completed all necessary remedial courses and appropriate course prerequisites.

Courses Taken Elsewhere by Liberal Arts Students

Matriculated Temple students must always petition for the prior approval of their Dean or Dean's designee to take courses at another institution. (See **Permission to Take Courses at Another Institution under Academic Policies and Regulations, p. 52.**) Petitions are available in the College of Liberal Arts Academic Advising Center.

Dean's List

Each semester, undergraduate students who achieve a grade point average of 3.5 or above for the semester with 12 or more graded credits toward the degree and with no grade of Incomplete or "R" are selected for the Dean's List. Letters of congratulation are sent to each of these students.

Declaration of Major

Students in the College of Liberal Arts must declare their major before completing 60 credits, which includes credits transferred from other institutions. Undeclared students with 45 or more credits are required to meet with an advisor in the Academic Advising Center before registering. Students who wish to Intra-

University Transfer (IUT) into the College of Liberal Arts from other colleges and schools at Temple must have at least a 2.0 cumulative GPA, as well as a 2.0 overall in the colleges of CLA/CST and in their anticipated major. Students who have not yet completed a course in their intended major will not be eligible to IUT until they do so. Also, students will not be permitted to IUT as undeclared majors if they have completed, or are in the process of completing, 60 or more semester hours.

Graduation Procedures

Upon completion of 80 semester hours, all students are required to review with an advisor in the Academic Advising Center a summary sheet indicating the degree requirements that remain to be completed. Students can schedule this review in the Academic Advising Center. Students who miss or arrive late to this appointment will not be granted a second appointment and must make alternate arrangements to discuss their remaining requirements.

Graduating students are responsible for confirming their final semesters' registrations with an academic advisor prior to the start of that semester. Graduating students who in any way change their final semesters' registrations after previously confirming their registrations with an advisor are responsible for ensuring the changes will fulfill all degree requirements. Graduation is contingent upon completion of all Core, College, and Major, and grade point average degree requirements.

Notice of Anticipation of Graduation

Early in the semester in which students will complete their degree requirements, they must apply for graduation by completing an application titled "Application for Graduation," available at the reception desk of the Advising Center.

Placement Tests

All incoming freshmen must take diagnostic English and mathematics placement tests. Transfer students who have not completed English C050 or a college level math course are also required to take placement examinations. The results of these tests determine if students are required to enroll in preparatory composition and mathematics courses. Students assigned to English 0040/0041 must register each semester for that course until the requirement is completed. Only upon successful completion of English 0040/0041 can such students enroll in English C050/C051. Students assigned to courses designed to remedy deficiencies in mathematics are required to complete those courses

before enrolling in the mathematics component of the University Core. Incoming students must also take a foreign language placement examination if they plan to continue a language previously studied or if they wish to place out of the foreign language requirement.

Plagiarism and Academic Cheating

Plagiarism and academic cheating are unacceptable in College of Liberal Arts courses. The development of independent thought and a respect for the thoughts of others is essential to intellectual growth. The penalty for plagiarism or cheating as a first offense is normally an F in the course in which the offense is committed. In such cases, the instructor will write a report to the Dean. The CLA Grievance Committee will adjudicate appeals made by students and serious cases, or repeat offenses, referred to the Committee by an instructor or the Dean. The Dean may recommend suspension or expulsion from the University when warranted. Instructors may also refer the offense to the University Disciplinary Committee (UDC) for adjudication.

The prohibition against plagiarism and cheating is intended to foster this independence and respect. For more information, see **Academic Honesty: Student Responsibilities**.

Academic Warning, Probation, Dismissal, and Reinstatement

To remain in Academic Good Standing in the University, a matriculated or non-matriculated undergraduate student must achieve a semester Grade Point Average of at least a 2.0 for each semester.

The academic actions of Warning, Dismissal from Degree Candidacy, and Reinstatement to Degree Candidacy are guided by a number called the grade-point deficiency, which is standard across all schools and colleges. Grade-point deficiency points identify students who are achieving cumulative grade point averages below 2.0, establish the point at which students will be warned that they are in academic difficulty, define the limit at which students are dismissed from degree candidacy, and define their eligibility for reinstatement. See the **University Policy on Academic Warning, Probation, Dismissal, and Reinstatement**, p. 46.

Withdrawal from Classes

During the first two weeks of the fall or spring semesters, students may withdraw from a course with no record of the class appearing on the transcript. In weeks three through nine of the fall or spring semester, or during weeks three and four of the summer sessions,

students may withdraw with the permission of the Academic Advising Center. Instructors' signatures are not required to withdraw. The course will be recorded on the transcript with the instructor's notation of "W," indicating that the student withdrew. After week nine of the fall or spring semester, or week four of summer sessions, students may not withdraw from courses.

Students may not withdraw from more than five courses during the duration of their studies to earn a bachelor's degree effective as of fall 2003, and students may not withdraw from the same course more than once.

For the complete drop/withdrawal policy, please refer to the Academic Policies section of this Bulletin.

REQUIREMENTS FOR THE BACCALAUREATE DEGREE

Credit Hour Requirements

The liberal arts baccalaureate degrees require a minimum of 123 credit hours, distributed according to University and College policy outlined below, with at least a 2.0 cumulative grade point average (GPA). A minimum 2.0 GPA must also be maintained in CLA/CST coursework and in the major.

- To earn a CLA baccalaureate degree, a student must complete a minimum of 90 semester hours in CLA/CST courses, 45 semester hours of which must be at the upper-level. Of that, 6 semester hours must be outside the student's major division (e.g. Social Sciences or Humanities).
- A maximum of 9 semester hours in preparatory courses (courses numbered 0001-0049) may be applied to any baccalaureate degree.
- A maximum of 12 semester hour credits of Independent Study can be applied to the Bachelor's degree.

Bachelor of Arts Requirements

The College of Liberal Arts does not award Bachelor of Arts Degrees to students who have already completed an accredited first Bachelor's, Master's, or PhD degree, regardless of when the degree was completed.

Core

Bachelor of Arts candidates must complete the University Core requirements with the following difference: For the Core Language or International Studies requirement, the College of Liberal Arts requires candidates for the B.A. to complete one of the following options:

- Complete the third semester of a language (course number C061, except in Critical Languages) and one International Studies course or
- Complete the second semester of a language (course number 0052,

except in Critical Languages) and two International Studies courses, at least one of which must be "Third World/Non-Western."

Major

Students must also complete the requirements of a major. The minimum acceptable grade in a course taken to fulfill major requirements is a "C-"; though students need a "C" GPA overall in minor coursework in order to graduate with the minor. Students are encouraged to declare their major by the end of the freshman year; forms for this purpose are available in the Academic Advising Center in Sullivan Hall.

B.A. majors are offered in the divisions of the Humanities and the Social Sciences:

- Humanities: English, Foreign Languages, Greek and Roman Classics, Philosophy, Religion
- Social Sciences: African American Studies, American Culture and Media Arts, American Studies, Anthropology (includes tracks in Human Biology and Visual Anthropology), Asian Studies, Criminal Justice, Economics, Environmental Studies (BA or BS), Geography and Urban Studies, History, Jewish Studies, Latin American Studies, Mathematical Economics, Philosophy, Political Science, Psychology, Religion, Sociology (includes track in Sociology of Health), Women's Studies.

Upper level distribution requirements

B.A. students must complete upper level distribution requirements by taking two upper level CLA courses outside the curriculum division of the major (or upper level College of Science and Technology courses.) Students who have double majors in two different divisions automatically satisfy the distribution requirement.

Courses Inapplicable to Graduation

Semester hours earned in Mathematics 0015, Military Science, or RCC – Enhanced are excluded from the total minimum semester hours required for graduation.

For areas in which placement into a sequenced course is determined by test (such as English, Math, and Foreign Language): students will not receive academic credit towards graduation for courses taken below the level into which they placed after they have completed either that placement level or a higher-level course.

Credit/No Credit

During the junior and senior years, any College of Liberal Arts student who is in good standing and taking a minimum of 12 semester hours may elect to take one course each semester on a Credit/No Credit basis, except for courses that count toward major, minor, Core, or distributional requirements. Application must be made at the Academic Advising Center during the first two weeks of a fall or spring semester course and during the first three days of a first or second summer session course.

Special Major and Minor Requirements

Interdisciplinary Major

Rather than major in an existing department or program, students may apply for a major in Interdisciplinary Studies. The proposed major should consist of coursework totaling at least 36 semester hours, and be justified in terms of some thematic unit of cohesive rationale. The program must not closely resemble any major currently available in the College of Liberal Arts.

The proposed major program may include courses outside of the College of Liberal Arts, but at least 24 semester hours must be in upper-level liberal arts or science courses. The student's proposal must be sponsored by two faculty members from different departments, at least one of whom must be in the College of Liberal Arts. Approval for the program must be obtained from the College of Liberal Arts Academic Advising Center prior to the initiation of the last 60 semester hours of the degree.

Honors Interdisciplinary Major

Students in the University Honors Program may apply for a College of Liberal Arts Honors Interdisciplinary Major. They must complete the degree requirements of the B.A. in the College of Liberal Arts and the requirements for the Interdisciplinary Major described above as well as the requirements for the University Honors Program. Approval for this program must also be obtained from the University Honors Committee prior to the initiation of the last 60 semester hours of the degree.

In addition, the proposed Major Program should include submission of an acceptable Honors Thesis to the University Honors Steering Committee.

Minor

Students may also choose to complete the requirements for a minor. The minimum acceptable grade in a course taken to fulfill minor requirements is "C-"; though students need a "C" GPA in the minor in order to have the minor awarded at graduation. At least half of the courses taken by a student to fulfill the minor must be taken at Temple. Forms for declaring a minor are available in the following programs: African American Studies, American Studies, Ancient Mediterranean Studies, Anthropology, Asian-American Studies, Asian Studies, Cognitive Neuroscience (see Psychology), Criminal Justice, Critical Languages, Economics, English, Environmental Studies, French, Geography and Urban Studies, German, Greek, Hebrew, and Roman Classics, History, Italian, Japanese, Jewish Studies, Latin American Studies, Philosophy, Political Science, Portuguese, Psychology, Religion, Russian, Sociology, Sociology of Health, Spanish, Visual Anthropology (see Anthropology), Women's Studies.

Certificates of Specialization

Students may choose to complete the requirements for an additional Certificate of Specialization. Forms for declaring a certificate are available in the Academic Advising Center in Sullivan Hall. Certificates of Specialization are available in the following programs:

Asian Business and Society (see Asian Studies); Foreign Languages: Chinese, French, German, Italian, Japanese, Russian, Spanish (see departments); Geography of Sports, Recreation and Tourism Planning (see Geography and Urban Studies); Geography of Tourism (see Geography and Urban Studies); Latin American Studies and Spanish for Business (see Spanish); Latino Studies and Spanish for Health and Human Services Professions (see Spanish); Management Career (see Economics); Multilingual Business and Government Studies (see Spanish); Neuroscience (see Psychology); Political Economy (see Political Science); Sociology Health Research (see Sociology); Women's Studies (see Women's Studies); Writing (see English).

PROGRAM DESCRIPTIONS

Following is information about programs and majors offered in the College of Liberal Arts. Listed under each degree program are the courses students must successfully complete to earn that particular B.A. or B.S. degree. These courses are required in addition to the University Core Curriculum requirements and the College requirements. See **Core Curriculum and Requirements for the Bachelor of Science (B.S.) and Bachelor of Arts (B.A.) Degrees.**

AFRICAN AMERICAN STUDIES

Dr. Nathaniel Norment, Chairperson.

nnorme01@temple.edu

Gladfelter Hall, Room 810

215-204-8491

afam@temple.edu

Dr. Sonja Peterson-Lewis, Director of Undergraduate Studies

829 Gladfelter Hall

215-204-1996

sonja.peterson-lewi@temple.edu

The mission of the Department of African American Studies is to provide an intellectual arena in which students learn to critically examine, analyze, and interpret the experiences, traditions, and dynamics of peoples of African descent so as to be prepared to take roles of effective agency, participation, and leadership in the intellectual, research, and social activist domains of professional and community life. The Department's guiding philosophy is African-centered in that we believe that mindful awareness of the social, cultural and historical experiences of African peoples must inform and guide all viable research, analysis, interpretation, and action directed toward people of African descent.

The curriculum stresses the skills necessary to think critically, write clearly, argue persuasively, and problem solve effectively. Students are exposed to theory and research in a variety of subject areas and are encouraged to engage in active research and service beyond the classroom. Past AAS alumni have entered careers in primary and secondary education and administration, social work and administration, research design, law enforcement, city government, and have also worked with museums and other cultural and artistic institutions. Others have entered graduate studies in a variety of areas including law, the health-related professions, public administration, and the social sciences.

The Department offers three internal awards for graduating seniors – two privately sponsored awards for outstanding academic performance and one departmental award for outstanding service. The Temple in Ghana program, which allows students to study for six weeks during the summer at the University of Ghana in Accra, operates out of the Department of African American Studies.

The African American Studies Minor Requirements

Department	Course #	Course Name	Hours	RCI
AAS	W051	Introduction to African American Studies	3	WI
AAS	0052	Introduction to African Aesthetics	3	
	0100	African Civilization	3	
AAS	0151	Mass Media in the Black Community	3	
AAS	0155 ¹	Introduction to Research Methods (offered during Fall semester only ¹)	3	

Select two (2) additional courses, one of which must be above the 100 level

Make these selections based on the content areas in which you desire greater familiarity (e.g., AAS literature, AAS social issues, AAS psychology, etc.). One of these two upper-level courses may be AAS-related courses outside the Department; however, students must seek written approval from the AAS Undergraduate Director prior to enrolling in outside courses that they want to apply toward the AAS minor.

Total			21	
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Suggested Order of Completion of the AAS Major and Minor Requirements

Department	Course #	Course Name	Hours	RCI
AAS	W051	Introduction to African American Studies	3	WI
AAS	0052	Introduction to African Aesthetics	3	
	0100	African Civilization	3	
AAS	0151	Mass Media in the Black Community	3	
AAS	0155 ¹	Introduction to Research Methods (offered during Fall semester only ¹)	3	

Select four (4) additional courses, two of which must be above the 100 level.

Make these selections based on the content areas in which you desire greater familiarity (e.g., AAS literature, AAS social issues, AAS psychology, etc.). One of these two upper-level courses may be AAS-related courses outside the Department; however, students must seek written approval from the AAS Undergraduate Director prior to enrolling in outside courses that they want to apply toward the AAS minor.

Total			30	
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¹AAS 0155 & W398 must be taken in sequence. AAS 0155 is only offered in the Fall Semester and should be immediately followed by AAS W398 in the subsequent Spring Semester.

* Indicates Writing Capstone.

AMERICAN CULTURE AND MEDIA ARTS

Miles Orvell, Ph.D., Director
215-204-1054
miles.orrvell@temple.edu
941 Anderson Hall
215-204-1644

The American Culture and Media Arts major combines faculty and courses from the American Studies program (in the College of Liberal Arts), the Film and Media Arts Department, and the Journalism Department, (in the School of Communications and Theater). It is one of the first programs to bridge two schools at Temple, making use of the University's broadest resources. Students may choose this major from either school (CLA or SCT), with the requirements the same in either case. The major is a response to the fact that mediated culture – film, television, radio, photography, print journalism – has come to dominate the experience of Americans, while at the same time American values and traditions inform our creation and reception of the media. Academic work and fieldwork are coordinated and keyed to the student's program of study and interests. Students in the American Culture and Media Arts program develop skills in historical and contemporary research. Seniors have the opportunity to gain practical experience through our internship program, working at one of any number of media-related industries and museums in the Philadelphia area. Students graduating with the American Culture and Media Arts degree can expect to pursue careers in media-related organizations, e.g., film, video, and radio production; archival and library positions, particularly in media institutions; public relations jobs in media; museum research positions supporting exhibitions and media; and media analysis for publications. Graduates can also pursue advanced training at the graduate level in documentary film production.

Student must meet:

1. University Core Requirements
2. College of Liberal Arts Requirements
3. Major Requirements: A minimum of 36 credits from the following course lists is required for the major. (In addition, students may petition the Program Director for certain "Special Topics" courses to fulfill requirements.)

A fuller description of the program see **Intercollegial Programs**.

Requirements for the Major

Department	Course #	Course Name	Hours	RCI
Select one of these two:				3
FMA	0102	Production of Media Culture		
Journalism	C055	Introduction to Mass Media		IN
Select five courses from this list (SCT):				15-20
FMA	X155	Introduction to Film and Video Analysis		AR/WI
FMA	0202	Production Research and Development		
FMA	0203	Theory and Practice of Media Culture		
FMA	W360	History of Documentary		WI
FMA	W368	History of Narrative Film		WI
Journalism	0060	Introduction to Visual Communications		
Journalism	0222	Intro to Magazines		
Advertising	0055	Intro to Advertising		
Journalism	0320	Race and Racism in the News		
Journalism	0335	History of Journalism		
Journalism	0352	Gender and American Mass Media		
Select five courses from this list (American Studies):				15
Am St	0102	Technology and American Culture		
Am St	0103	American Places: Home, City, Region		
Am St	0104	The Arts in America		
Am St	0105	Ideal America: Reform, Revolution and Utopia		
Am St	0108	Immigrant Experiences in America		
Am St	R112	African American Experiences		RS
Am St	W118	The American Woman: Vision and Revision		WI
Am St	0124	Political Protest and Culture in the 60s		
Am St	0125	Photography in America		
Am St	0126	Documentary Film and American Society		
Am St	0127	Mass Media and Amer. Pop Culture		
Am St	0128	Philadelphia Neighborhoods		
Am St	R136	Asian American Experience		RS
Am St	W140	Radicalism in the U.S.		WI
Capstone Course (select one)				
Majors sign up, in their senior year, for either an academic thesis project or an internship at a media-related industry or museum in the Philadelphia area.				
Am St	W393	Senior Seminar in American Studies	3	WI*
FMA	0380	Senior Media Culture Thesis I (Writing Capstone)	4	
Journalism	0391	Special Projects I	4	
Total			44-49	

* Indicates Writing Capstone for the Major

AMERICAN STUDIES

Miles Orvell, Director
orrvell@temple.edu
941 Anderson Hall
215-204-1644

www.temple.edu/american_studies

American Studies is an interdisciplinary program that explores the rich complexity of American culture. Courses focus on such major issues as work, technology, and the role of the media and popular culture in American life; the culture of cities and suburbs; the role of law; the radical tradition; photography; film; and music. American Studies provides students with a solid understanding of the culture of the United States through interdisciplinary courses originating in the program as well as through recommended courses in other departments and disciplines. The program also offers student internships at a variety of cultural institutions in Philadelphia and the Delaware Valley. American Studies courses are known as challenging and thought-provoking, and many of them are cross-listed with the Temple University Honors Program. The major program stresses development of reading, writing, and analytical skills that are necessary for successful careers in various professional fields. American Studies majors go on to graduate school, law school, or medical school. They also may take jobs in museums, libraries, business, social services, public relations, and the media.

Requirements for the Major

All majors must complete five American Studies core courses, one out of each group below.

Department	Course #	Course Name	Hours	RCI
American Biography and Work – Select one				
Am St	C051 or H091	American Lives	3	AC
Am St	C062 or H092	Work in America	3	AC
American Culture – Select one				
Am St	0104 or H194	The Arts in America	3	
Am St	0107	Leisure in America	3	
Am St	0125	Photography in America	3	
Am St	0126	Film and American Society	3	
Am St	0127	Mass Media and American Popular Culture	3	
Place in American Life – Select one				
Am St	0103 or H195	American Places: Home, City, Region	3	
Am St	0128	Philadelphia Neighborhoods	3	
Am St	0130	The City: Urban Design, and American Culture	3	
Am St	0131 or H196	American Frontiers	3	
Diversity in America – Select one				
Am St	0108 or H198	Immigrant Experiences in America	3	
Am St	R112	African-American Experiences	3	RS
Am St	W118 or H192	American Woman: Visions and Revisions	3	WI
Am St	R136	Asian-American Experiences	3	RS
Am St	0137	Italian/American Literature and Culture	3	
Am St	0148	Puerto Ricans in Philadelphia	3	
Am St	0151	Asian American History	3	
Am St	0152	Asian Diaspora	3	
Am St	0153	Asian Women in Transition	3	
Am St	0154	Introduction to Asian American Literature	3	
Am St	H197	Quest for the American Dream	3	AC
Change in America – Select one				
Am St	0101	Contemporary Trends in American Workplace	3	
Am St	0102 or H193	Technology and American Culture	3	SB
Am St	0105 or H199	Ideal America: Reform, Revolution, and Utopia	3	
Am St	0106	Literature and Political Change	3	
Am St	0109 or H109	Courtroom in American Society	3	
Am St	0121	America in the 1950s	3	
Am St	0124 or H191	Political Protest and Culture in the 60's	3	
Am St	R134	Literature of American Slavery	3	RS
Am St	W140 or H190	Radicalism in the United States	3	WI
Am St	0100	Topics in American Culture ⁺	3	

⁺ Specific subjects change each semester. See course descriptions for information on a particular offering. AS 100 may meet one or more of the above requirements with permission of director.

Students must also complete three additional courses in American Studies. These can include choices from the AS core courses as well as choices from all other American Studies courses.

Department	Course #	Course Name	Hours	RCI
Am St		Electives (select from 0100-0399)	9	

In addition, students take at least four courses outside of the major selected in consultation with the American Studies director and congruent with an American Studies focus. We recommend that 6 of these credits should be in American history and literature. We urge students to take the Senior Seminar in their final

year of study (usually offered in fall semester). Only in rare circumstances and with special permission can students satisfy the capstone by taking W394.

Department	Course #	Course Name	Hours	RCI
Capstone course – <i>Select one</i>				
Am St	W393	Senior Seminar in American Studies	3	WI*
Am St	W394	Senior Independent Study	3	WI*

* Indicates Writing Capstone for the Major

Distinction in Major

American Studies majors may graduate with distinction in the major if they have a GPA of at least 3.5 in the major and a cumulative GPA of at least 3.0.

Requirements for the Minor

Department	Course #	Course Name	Hours	RCI
Am St		Select 6 American Studies courses, at least 3 of which should be taken from different American Studies Core Areas as listed under “Major Requirements”	18	

ASIAN AMERICAN MINOR

Kathy Uno, Coordinator
215-204-7468

aaminor@temple.edu

This interdisciplinary minor focuses on Asian American history, culture, and contemporary issues as well as their Asian roots and American context. The Asian American Minor is six courses (18 s.h.), five in American Studies and one in Asian Studies, as distributed below. In lieu of taking regular academic courses, students can earn credits through fieldwork and independent study under a professor’s guidance. This minor is a useful credential for majors in education, journalism and communication, social administration, health science, social science, humanities, history, pre-law studies, and business fields such as personnel and marketing.

Department	Course #	Course Name	Hours	RCI
<i>Select four</i> Asian American courses listed or cross listed in American Studies. For example:				
Am St	R136	Asian American Experiences	3	RS
Am St	C051	American Lives: Asian American Lives	3	AC
Am St	0154	Introduction to Asian American Literature	3	
Am St	0152	Asian Diaspora	3	
		<i>or</i>		
	W152	Asian Diaspora	3	WI
Am St	0153	Asian Women in Transition	3	
		<i>or</i>		
	W153	Asian Women in Transition	3	WI
Am St	0151	Asian American History	3	
		<i>or</i>		
	W151	Asian American History	3	WI
Am St	0155	Asian American Topics ⁺⁺⁺	3	
		<i>or</i>		
	R155	Asian American Topics ⁺⁺⁺		RS
		<i>or</i>		
	W155	Asian American Topics ⁺⁺⁺		WI

⁺⁺⁺Courses may focus on specific issues like Filipinos in America, Vietnamese and Filipinos in Diaspora, Chinatowns, Law and Public Policy.

Department	Course #	Course Name	Hours	RCI
<i>Select one</i> American Studies course on race or ethnicity (or an alternative approved by an advisor). For example:				
Am St	0108	Immigrant Experiences	3	
Am St	0148	Puerto Ricans in Philadelphia	3	
Am St	R112	African American Experiences	3	RS
Am St	0137	Italian/American Literature and Culture	3	

Select one Asian Studies course under an Asian Studies or cross listed number. Advisors can help students choose from a list of over sixty courses.

ANTHROPOLOGY

Charles Weitz, Chair

cweitz@temple.edu

Gladfelter Hall, Room 210

215-204-7775

www.temple.edu/anthro

Leonard Greenfield, Undergraduate Chair and Faculty Advisor

green@temple.edu

215-204-1489

Anthropology is the study of human origins, development, and diversity. Anthropologists explore the ways in which people understand and adapt to living in a variety of settings, ranging from urban environments to rural villages all over the world and across time. Anthropologists are interested in investigating such questions as: What does it mean to be human? What are the historical, social, political, economic and environmental pressures that have helped shape the experiences of particular groups of people? How do human beings interact with the physical environment? Does the language that one speaks affect the ways in which one thinks and experiences the world? Anthropology includes four broad sub-fields, all of which are well represented at Temple University: Cultural Anthropology, Archaeology, Biological Anthropology and Linguistic Anthropology.

Undergraduate majors in Anthropology pursue one of three courses of study: General Anthropology, the Human Biology Track, or the Visual Anthropology track. Laboratory facilities, internships, fieldwork and experiential learning courses provide students with practical experiences in all of Anthropology’s sub-fields. A minor can be taken in General Anthropology or in Visual Anthropology.

GENERAL ANTHROPOLOGY

The general anthropology major is intended to give students a foundation in all of the four sub-fields associated with the discipline of anthropology. Each of the sub-fields requires the development of a number of skills including formulating hypotheses, developing research programs and proposals, applying theories to the interpretation of data, including artifacts, and gathering ethnographic information through participant-observation. There is sufficient flexibility in the requirements for the general anthropology major so that a student can focus their coursework, if desired, on any one of the four sub-fields.

With its focus on human diversity and its emphasis on cultural relativism, the general anthropology major well prepares students for the issues they are likely to encounter in today’s workplaces. At Temple, we offer a number of courses on such topics as the Anthropology of Policy, Medical Anthropology and Urban Anthropology, which prepare students for careers in: public administration, social work, health policy, urban planning and other aspects of public policy-related work, in addition to professional careers in fields such as business, law and medicine. Anthropology students are also well-prepared to participate in activities which call for cultural sensitivity and an understanding of cultural differences, such as the teaching of English as a foreign language and other work with immigrant communities or work in the global marketplace. A variety of courses on archaeology prepare students for careers in the field of cultural resources management and historic preservation.

Interested students can contact the faculty advisor for additional information. A brochure describing the General Anthropology major can be obtained in the department.

Required Courses

Department	Course #	Course Name	Hours	RCI
Introductory – <i>Select One (1):</i>				
Anthropology	R060	Introduction to Anthropology	3	IN/RS
	C061/H091	Cultures of the World	3	IS
	C064	American Culture	3	AC
	C065	Origins of Cultural Diversity	3	IS
Subtotal			3	
Fundamentals				
Anthropology	W120	Fundamentals of Cultural Anthropology	3	WI
Anthropology	0124	Fundamentals of Archaeology	3	
Anthropology	0125	Fundamentals of Biological Anthropology	4	
Anthropology	0127	Fundamentals of Linguistic Anthropology	3	
Subtotal			13	

Department	Course #	Course Name	Hours	RCI
Methods – <i>Select One (1):*</i>				
Anthropology	0205	Heritage Management in Archaeology	3	
Anthropology	0306	Linguistic Field Methods	3	
Anthropology	0307	Theory and Methods in Linguistics	3	
Anthropology	0308	Research in Visual Anthropology	3	
Anthropology	0309	Language Socialization and Cultural Reproduction	3	
Anthropology	0310	Fieldwork in Ethnography	3	
Anthropology	0314	Agencies and Services in Philadelphia Communities	3	
Anthropology	0320	Field Session in Archaeology	3	
Anthropology	0321	Methods in Archaeology (variable topic course: Sediments, soils and geomorphology; lithic analysis; ceramic analysis; field methods)	3	
Anthropology	0326	Methods in Physical Anthropology (variable topic course: human osteology; primate anatomy; forensic anthropology)	3	
Anthropology	0334	Anthropological Problems in Visual Production	3	
Subtotal			3	
Anthropology	W301	History of Anthropological Theory (Capstone)	3	
Subtotal			3	
Anthropology	0100-0399	Electives – Select Five (5): Choose from courses at the 100 level and above that have not been used to satisfy other requirements for the major		
Subtotal			15	
TOTAL			37	

*Additional methods courses can be taken as electives; 0321 and 0326 can be taken multiple times as they are topical courses

Required Courses – General Anthropology Minor

Department	Course #	Course Name	Hours	RCI
Introductory – <i>Select One (1):</i>				
Anthropology	R060	Introduction to Anthropology	3	RS
	C061	Cultures of the World	3	IS
	C064	American Culture	3	AC
	C065	Origins of Cultural Diversity	3	IS
Subtotal			3	
Fundamentals – <i>Select Two (2):</i>				
Anthropology	W120	Fundamentals of Cultural Anthropology	3	WI
	0124	Fundamentals of Archaeology	3	
	0125	Fundamentals of Biological Anthropology	4	
	0127	Fundamentals of Linguistic Anthropology	3	
Subtotal			6-7	
Electives – <i>Select Three (3):</i>				
Anthropology	0100-0399	Chosen from remaining courses at the 100 level and above		
Subtotal			9	
Total			18/19	

HUMAN BIOLOGY TRACK

The Human Biology Track in Anthropology prepares students for careers in medicine, dentistry, physical therapy, optometry, podiatry, and other allied health fields. Human Biology students major in Anthropology but take departmental courses primarily in biological anthropology. These courses deal in human genetics, human paleontology, human physiology, and human reproductive biology and behavior. They stress an evolutionary perspective on humans and integrate molecular, whole-organism, population, and species level data on humans. The Human Biology Track also includes required courses in biology, cultural anthropology, human anatomy, and physiology. This program also encourages students to take health/biology-related courses in psychology, sociology, history, political science, and the humanities to fulfill admission requirements to professional schools in the health sciences. As a result, our students have the broad, liberal arts background that many health science professional schools find attractive.

Interested students should contact the pre-med advisor at Sullivan Hall or the Human Biology Track advisor, Dr. Leonard Greenfield, at 215-204-1489 or green@temple.edu. A brochure describing the Human Biology Track can be obtained in the Anthropology Department, room 209, Gladfelter Hall.

Required Courses

Department	Course #	Course Name	Hours	RCI
Anthropology	0125	Fundamentals of Biological Anthropology	4	
Note: 0125 is the prerequisite for all courses in Biological Anthropology				
Subtotal			4	
Anthropology	W120	Fundamentals of Cultural Anthropology	3	WI
Subtotal			3	
<i>Select One (1) of the following sequences:</i>				
Biology	CO83 and CO84	General Biology I and General Biology II	4	SA
		or	4	SB
Biology	0103 and 0104	Introduction to Biology I and Introduction to Biology II	4	
Subtotal			8	
<i>Select One (1) of the following sequences:</i>				
Kinesiology	C100 and C101	Anatomy and Physiology I and Anatomy and Physiology II	4	SA
		or	4	SB
Biology	0233 and 0234	Mammalian Anatomy and Mammalian Physiology	4	
Subtotal			8	
<i>Select Two (2):</i>				
Anthropology	0161	Human Paleontology	3	
	0162	Biology of Modern Human Populations	3	
	0163	Human Population Genetics	3	
	0164	Primate Behavior	3	
Subtotal			6	
<i>Select One (1):</i>				
Anthropology	0212	Medical Anthropology	3	
	0220	Environmental Physiology	3	
	0248	Introduction to Primates	3	
	0280	Evolutionary Biology	3	
	0326	Methods in Physical Anthropology*	3	
Subtotal			3	
<i>Select One (1) of these Capstone courses:</i>				
Anthropology	W323	Advanced Seminar in Medical Anthropology	3	WI
	W324	Genetic Basis of Human Variation	3	WI
	W325	Biocultural Adaptations in Human Populations	3	WI
	W327	Evolutionary Perspectives on Human Reproduction	3	WI
	W380	Seminar in Evolutionary Biology	3	WI
Subtotal			3	
<i>Electives – Select Two (2):</i>				
Anthropology	0212	Medical Anthropology	3	
	0220	Environmental Physiology	3	
	0248	Introduction to Primates	3	
	0280	Evolutionary Biology	3	
	0326	Methods in Physical Anthropology*	3	
Biology		Any upper division courses numbered 0203 and above	3-4	
Chemistry	0371	Biochemistry I	3	
	0372	Biochemistry II	3	
History	0137	History of Biology	3	
	0257	American Medicine: A Social History	3	
Political Science	0132	Biology, Society, and Politics	3	
Psychology	0200	Developmental Psychology	3	
	0210	Social Psychology	3	
	0220	Psychopathology	3	
	0230	Cognitive Psychology	3	
	0250	Learning and Behavior Analysis	3	
	0260	Behavioral Neuroscience	3	
	0265	Cognitive Neuroscience	3	
Sociology	0252	Health and Disease in American Society	3	
Subtotal			6-7	
TOTAL			41-42	

*Topical course which may be taken more than once

VISUAL ANTHROPOLOGY TRACK

This track emphasizes a well-rounded liberal arts background and a comprehensive understanding of the world's varied systems of visual representation. The Visual Anthropology curriculum allows students to combine cultural anthropology with the study and practice of visual communication. Courses in the Visual Anthropology Track combine topics and methods familiar to the social sciences, humanities, and media arts. It is well suited to those students interested in popular culture as well as the fine arts, documentary and ethnographic film and feature film; all forms of artistic performance, including the folk arts, fine arts, popular arts, and media arts; televisual communication including both broadcast and narrowcast forms, as well as home media and alternative media. Additional attention is now dedicated to relationships of globalization and New Media.

In the Visual Anthropology curriculum, literary traditions and criticism find a place alongside pictorial traditions and media criticism. Students may do original research that involves still photography and/or video production. Students apply field methods familiar to cultural anthropology to achieve a better understanding of the processes and products of visual communication. Laboratories are available for both still photography and video production. There are ongoing field programs in North American, Japan, and India. The summer program in India is intended to investigate Indian civilization through an anthropological and historical approach of its religions and artistic traditions, both ancient and contemporary

<http://isc.temple.edu/jjhala/templeindia/%20>

Interested students should contact the Visual Anthropology Advisor, Jayasinhji Jhala at 215-204-7727 or jjhala@temple.edu. A brochure describing the Visual Anthropology Track can be obtained in the Anthropology Department, room 209, Gladfelter Hall.

Required Courses

Department	Course #	Course Name	Hours	RCI
Anthropology	0158	Fundamentals of Culture and Visual Communication	3	
Anthropology	W120	Fundamentals of Cultural Anthropology	3	WI
Anthropology	0127	Fundamentals of Linguistic Anthropology	3	
Anthropology	0334	Anthropological Problems in Visual Production	3	
Subtotal			12	
<i>Select One (1):</i>				
Anthropology	0124	Fundamentals of Archaeology	3	
	0125	Fundamentals of Biological Anthropology	4	
Subtotal			3-4	
<i>Capstone:</i>				
Anthropology	W308	Research in Visual Anthropology	3	WI
Subtotal			3	
<i>Electives – Select Six (6):</i>				
Anthropology	0224	Art and Anthropology	3	
	0226	Religion in Non-Western Cultures	3	
	0233	Anthropological Film	3	
	0234	Anthropology of Feature Film	3	
	0237	Pictorial Lives	3	
	0238	Visual Anthropology of Modern Japan	3	
	0239	Anthropology and Photography	3	
	0242	Anthropology of Mass Media	3	
	0322	Indigenous Media	3	
Subtotal			18	
Total			36/37	

Minor Requirements – Visual Anthropology

Required Courses

Department	Course #	Course Name	Hours	RCI
<i>Fundamentals – All:</i>				
Anthropology	W120	Fundamentals of Cultural Anthropology	3	WI
	0127	Fundamentals of Linguistic Anthropology	3	
	0158	Fundamentals of Culture and Visual Communication	3	
Subtotal			9	
<i>Methods:</i>				
Anthropology	0334	Anthropological Problems in Visual Production	3	
Subtotal			3	
<i>Electives – Select Two (2):</i>				
Anthropology	0224	Art and Anthropology	3	
	0226	Religion in Non-Western Cultures	3	
	0233	Anthropological Film	3	
	0234	Anthropology of Feature Film	3	
	0237	Pictorial Lives	3	
	0238	Visual Anthropology of Modern Japan	3	
	0239	Anthropology and Photography	3	
	0242	Anthropology of Mass Media	3	
	0322	Indigenous Media	3	
Subtotal			6	
TOTAL			18	

ASIAN STUDIES

Kathleen Uno, Program Director, 215-204-7468

Monte Hull, Faculty Advisor, 215-204-7711

411 Gladfelter Hall, 215-204-1469

asianst@temple.edu

www.temple.edu/asian_studies

Asian Studies draws on the resources of many departments to provide a comprehensive program of study on Asia (especially East Asia). Majors may concentrate on a geographic area, field, or theme(s). By combining language with the study of politics, history, society, art, religion and philosophy, and literature, each student can construct a major tailored to individual interests.

Temple's campus in Japan can provide students experience abroad while taking their course work. The East West Club offers lectures, films, and career development programs, as well as fun and fellowship through extracurricular activities.

The curriculum gives students a foundation for living or working in Asia, or continuing their studies through developing a knowledge base, cross-cultural sensitivity, analytic thinking, and communication and writing skills in English and an Asian language. After graduation, students find employment in private firms, nonprofit organizations, or educational institutions. Some enter graduate programs in law, business, or academic fields, including Asian Studies.

Asian Studies Major Requirements (30 s.h. and Language)

Requirements for the Major, Minor, and Asian Business and Society Certificate

Department	Course #	Course Name	Hours	RCI
Select one critical language course:			3	
Critical Lang. Ctr.	0161	Hindi Intermediate II		
Critical Lang. Ctr.	0167	Chinese Intermediate II		
Critical Lang. Ctr.	0171	Japanese Intermediate II		
Critical Lang. Ctr.	0173	Korean Intermediate II		

Department	Course #	Course Name	Hours	RCI
Select two foundations courses:			6	
Asian St.	C084	Chinese, Japanese Culture thru Literature		IS
Asian St.	C086	Geography of East and South Asia		IS
Asian St.	0115	Intro. to East Asia: China		
Asian St.	0116	Intro. to East Asia: Japan Or, with advisor's approval, an equivalent course focusing on South or Southeast Asia		

Or equivalents of the above courses, incorporating study of South or Southeast Asia and approved by an Asian Studies advisor

Seven Asian Studies electives from three different subject areas.

One Capstone Writing Seminar; take in junior (or senior) year

Department	Course #	Course Name	Hours	RCI
Asian St.	W300	Asian Studies Seminar	3	*WI
Total			30-33	

The Asian Studies electives are selected by the student from the comprehensive list of Asian Studies courses on the Asian Studies brochure or website. The student's program must have a coherent geographical and/or subject matter focus, designed with the advice and approval of an Asian Studies advisor.

Language Requirements for the Major and Minor and Certificate:

Major: Completion of the fourth semester level of a language with a grade of C- or above.

Minor and Certificate: Completion of the second semester of a language with a grade of C- or above. Complete the 4th semester level course, or take an examination of oral/aural and reading skills in an Asian language approved by an advisor. (Or take high school or college courses in an Asian language.)

Department	Course #	Course Name	Hours	RCI
Select one critical language course:			3	
Critical Lang. Ctr.	0161	Hindi Intermediate II		
Critical Lang. Ctr.	0167	Chinese Intermediate II		
Critical Lang. Ctr.	0171	Japanese Intermediate II		
Critical Lang. Ctr.	0173	Korean Intermediate II		

The language requirement may also be satisfied by examination of oral/aural and reading skills in any Asian language approved by an Asian Studies head advisor. The requirement is waived for graduates from high schools with courses taught in an Asian language.

Distinction in Major

Asian Studies majors may graduate with distinction in the major if they have a GPA of at least 3.5 in the major and a cumulative GPA of at least 3.0.

Asian Studies Minor Requirements (18 s.h. and Language)

1. Foundation requirements (6 s. h., see major)
2. Four additional Asian Studies courses (12 s.h., see major)
3. Language Requirements: Completion of the second semester of a language with a grade of C- or above (see major)
4. Satisfaction of the requirements of a major and the university Core Curriculum.

Asian Studies Business and Society Certificate (15 s.h. and Language)

1. Two Required Courses (6 s.h.)
 - Asian Studies 0100 Practical Asian Society (3 s.h.)
 - General & Strategic Management 0100 Intro. to Asian Business (3 s.h.)
2. One Economics course (3 s.h.)

Select one

- Economics 0250 International Trade (3 s.h.)
 - Economics 0251 International Financial Economics (3 s.h.)
- Note: Non-business students, note prerequisites of Econ. C051 and/or Econ. C052
3. One Asian Studies Elective (3 s.h.) Choose to match language interest (see major).
 4. One Asian Studies Writing-Intensive Course (3 s.h.) Choose to match language interest.
 - Note: Asian Studies W300 (The topic changes each semester; check with department.)
 5. Asian Language Co-Requisite (See major)

CRIMINAL JUSTICE

John Goldkamp, Chair
 Patricia H. Jenkins, Assistant Chair
patj@temple.edu
 215-204-5164

Main Campus
 Stephanie Hardy, Advisor
shardy01@temple.edu
 215-204-7919

Ambler Campus
 Stephen Smith, Ambler Program Coordinator
stephen.smith@temple.edu
 215-283-1532
 5th Floor Gladfelter Hall
 215-204-7818
www.temple.edu/cj

The mission of the undergraduate program in Criminal Justice is to foster a comprehensive understanding of the nature of crime, criminals, and criminal law; the goals, organizations, occupations, and rules that make up the criminal justice system; and the methods of learning that are utilized by scholars of crime and criminal justice. The Bachelor of Arts program enables students to learn how different academic disciplines approach the study of crime and criminal justice and to understand the kinds of questions and problems that shape developments in research, practice, and reform.

Requirements for the Major (Minor, Certificate, Concentration)

Requirements of Major

Department	Course #	Course Name	Hours	RCI
Criminal Justice	C050	Introduction to Criminal Justice	3	IN
Criminal Justice	0130	Nature of Crime	3	
Criminal Justice	W145	Planned Change in Criminal Justice*	3	WI
Criminal Justice	0150	Introduction to Criminal Law	3	
Criminal Justice	0160	Introduction to Criminal Justice Research	3	
Criminal Justice	C161	Criminal Justice Research and Analysis	3	QB
Criminal Justice		Eight Upper Level Criminal Justice Electives (100 level or higher)	24	

Total credits required for the major in Criminal Justice 42

1. Criminal Justice majors may graduate with distinction in the major if they have a GPA of 3.5 in the major and a cumulative GPA of at least 3.25.

2. The Department of Criminal Justice offers internship experience (CJ 0303 and CJ 0304). These courses are optional with CJ 0303 credits counting toward the major and the CJ 0304 credits (3 credits for 10 hours/week, 6 credits for 20 hours/week, or 9 credits for 30 hours/week) counting as free electives.

*Indicates writing for capstone for major.

Distinction in Major

Criminal Justice majors may graduate with distinction in the major if they have earned a GPA of 3.5 in the major and a cumulative GPA of at least 3.25.

Requirements of Minor

Department	Course #	Course Name	Hours	RCI
Criminal Justice	C050	Introduction to Criminal Justice	3	IN
Criminal Justice	0130	Nature of Crime	3	
Criminal Justice	W145	Planned Change in Criminal Justice*	3	WI
Criminal Justice	0150	Introduction to Criminal Law	3	
Criminal Justice		Any three Criminal Justice courses above the 0100 level	9	
Criminal Justice		Any seminar (0300 level) course	3	

Total credits required for the minor in Criminal Justice 24

CRITICAL LANGUAGES CENTER

Co-directors:
 Louis Mangione
louis.mangione@temple.edu
 Barbara Thornbury
barbara.thornbury@temple.edu

Anderson Hall, Room 332
 1114 W. Berks Street
 215-204-8268

Critical Languages offers courses in Chinese, Japanese, Korean, Arabic, Hindi, Modern Greek and Vietnamese. Students enroll in these courses for a variety of reasons, which include career goals, personal interest, preparation for study abroad, and the desire to fulfill certain university and college program requirements.

In addition, Critical Languages courses in Chinese and Japanese literature and in Japanese film and popular culture – all given in translation – invite students from any major to develop familiarity with Chinese and Japanese culture.

Within Critical Languages students can earn a Minor in Japanese, a Certificate of Specialization in Chinese, and a Certificate of Specialization in Japanese. While Critical Languages does not offer its own major, its courses count toward many of the requirements and electives of the Asian Studies major and minor.

Minor in Japanese

The Minor in Japanese emphasizes language study while also recognizing the importance of learning about Japan through work in fields such as literature, history, anthropology, religion, and geography and urban studies. A grade of C- or higher must be earned in all courses for the minor.

Students who place out of 0171 will need one additional elective; those who place out of 0270 will need two additional electives; those who place out of 0271 will need three additional electives.

Department	Course #	Course Name	Hours	RCI
Critical Languages	0171	Japanese Intermediate II	3	
Critical Languages	0270	Japanese Advanced I	3	
Critical Languages	0271	Japanese Advanced II	3	

Select One from the following listing:

Critical Languages	W120/H190	Japanese Popular Culture and Literature		WI
Critical Languages	0121/Asian Studies	Japanese Literature in Film		
Critical Languages	0220/Asian Studies	Survey of Japanese Literature: Pre-Modern		
Critical Languages	0221/Asian Studies	Survey of Japanese Literature: Modern		

Select Two: Any two CLA courses that focus exclusively on Japan 6

Total credits required for this program 18

Certificate of Specialization in Chinese

A certificate of specialization in Chinese focuses on learning language skills and developing a strong foundation for the effective use of Chinese socially and professionally. This program should be of particular interest to students considering careers in international business, government service, or other professions where foreign language proficiency is important. This program also contributes to meeting the diverse language needs of students with personal or academic interests in China and its culture. A grade of C- or higher must be earned in all required courses.*

Department	Course #	Course Name	Hours	RCI
Critical Languages	0066	Chinese Elements I	4	
Critical Languages	0067	Chinese Elements II	4	LC
Critical Languages	C166	Chinese Intermediate I	3	LC
Critical Languages	0167	Chinese Intermediate II	3	
Critical Languages	0266	Chinese Advanced I	3	
Critical Languages	0267	Chinese Advanced II	3	

Total credits required for this program 20

*20 credits or six courses, as approved by the Department, are required.

Certificate of Specialization in Japanese

A certificate of specialization in Japanese focuses on learning language skills and developing a strong foundation for the effective use of Japanese socially and professionally. This program should be of particular interest to students considering careers in international business, government service, or other professions where foreign language proficiency is important. This program also contributes to meeting the diverse language needs of students with personal or academic interests in Japan and its culture. A grade of C- or higher must be earned in all required courses.*

Department	Course #	Course Name	Hours	RCI
Critical Languages	0070	Japanese Elements I	4	LC
Critical Languages	0071	Japanese Elements II	4	LC
Critical Languages	C170	Japanese Intermediate I	3	LC
Critical Languages	0171	Japanese Intermediate II	3	
Critical Languages	0270	Japanese Advanced I	3	
Critical Languages	0271	Japanese Advanced II	3	
Total credits required for this program			20	

*20 credits or six courses, as approved by the Department, are required.

ECONOMICS

William J. Stull, Chair
Ritter Annex 877
215-204-5022

william.stull@temple.edu

William Holmes, Faculty Advisor
Ritter Annex 804
215-204-8175

william.holmes@temple.edu

The major in economics exposes a student to the economist's way of thinking about social problems and behavior. The major helps a student understand the economic aspect of current events and public policy and is good preparation for careers in law and business. The student honorary fraternity is Omicron Delta Epsilon. Along with the more general student organization, The Economics Society, it provides opportunities for students to network with other students and with practicing economists in learning more about economics and finding internships and employment opportunities. There is also a Cooperative Education option. Through this program, students may earn income while gaining valuable work experience which can enhance their job market prospects upon graduation. By completing an academic research project under the guidance of a faculty member, Co-op students may earn credit for Economics 0288.

B.A. Major Requirements

Department	Course #	Course Name	Hours	RCI
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
Statistics	C021	Statistical Methods and Concepts	3	QB
Statistics	0022	Selected Statistical Topics	3	
Economics	0201	Intermediate Microeconomic Analysis	3	
Economics	0202	Intermediate Macroeconomic Analysis	3	
Economics	W302	Economics Writing Seminar	3	WI
Economics	0200+	Four electives in economics at the 0200 level or above. Finance 0101 may be substituted for one of these.	12	
Two additional electives	0100+	Courses in economics at the 0200+ level or courses in the College of Liberal Arts at the 100+ level related to the student's program in economics. ¹	6	

Total hours 39

¹ These are to be chosen in consultation with an advisor. Students preparing for graduate study in economics or in an economics-related area are strongly encouraged to take Economics 0240 (Mathematical Economics), Economics 0241 (Introduction to Econometrics), and courses in calculus and linear algebra in the Mathematics Department.

Minor Requirements

(For Liberal Arts and all other colleges allowing a minor in Economics)

Department	Course #	Course Name	Hours	RCI
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
Economics	0201 or or 0202	Intermediate Microeconomic Analysis, Intermediate Macroeconomic Analysis	3	
Economics	0200+	Three electives in economics at the 0200 level or above. If both 0201 and 0202 are taken, one counts as one of these electives.	9	
Total hours			18	

Mathematical Economics

In cooperation with the Department of Mathematics, the Department of Economics offers a special concentration leading to a B.A. degree in Mathematical Economics. The program and its requirements are described in full in the **Intercollegial Programs** section of this *Bulletin*.



Certificate in Political Economy

The Certificate of Specialization in Political Economy is a joint program of the Departments of Economics and Political Science. The purpose of the political economy program is to provide undergraduate students with the opportunity to study more intensely the relationship between the political and economic spheres of society. The program is based on the belief that a focused examination of this relationship provides better understanding of several social phenomena. Chief among these is a better understanding of public policy choices and the policymaking process, as well as a better understanding of how government actions affect the process of economic change and vice versa. The Political Economy program is open to all matriculated undergraduate students. Applicants need not be declared majors in either economics or political science. The political economy program provides an excellent preparation for graduate study in the social sciences and for the study of law. The program and its requirements are described in full in the **Intercollegial Programs** section of this *Bulletin*.

Management Career Certificate

Erwin Blackstone, Advisor
215-204-5027

erwin.blackstone@temple.edu

William Holmes, Advisor
215-204-8175

william.holmes@temple.edu

This certificate program is designed for students who intend to seek employment in the business or nonprofit sectors of the economy. It is designed to provide students with skills that complement those acquired through a traditional liberal arts education and to make the students more appealing to potential employers.

Requirements for the Management Career Certificate

Department	Course #	Course Name	Hours	RCI
Economics	C050 or C052	Introduction to the Economy, or Microeconomic Principles	3	IN
Accounting	0001	Principles of Accounting ¹	3	
Human Resource Management	0083	Organization and Management	3	
Psychology	0215	Industrial and Organizational Psychology	3	
Marketing	0081	Introduction to Marketing	3	
Statistics		One course selected in consultation with the certificate advisor.	3	
Approved Elective <i>Select one:</i>			3-4	
Accounting	0002	Principles of Accounting ²		IN
Economics	C051	Macroeconomic Principles		
Economics	0282	Economics of American History		
Economics	0265	Economics of Sports		
Economics	0286	Economics of Organizations		
Marketing	0081	Introduction to Marketing		
Human Resources Management	0200	Introduction to Human Resource Management		
Computer and Information Sciences	C055	Computers and Applications		SB
Geography and Urban Studies	0130	Economic Geography		
Political Science	0158	Business and Public Policy		
Political Science	0261	Politics of the Global Economy		
Psychology	0215	Industrial and Organizational Psychology		
Sociology	W248	Sociology of Organizations		WI
Total hours			21	

¹ Students may not double count either Marketing 0081 or Psychology 0215 within this certificate program.

² An alternative elective or an internship or practicum may be approved to substitute for the elective. Please see the certificate advisor prior to registration for written approval.

ENGLISH

Susan Wells, Department Chair
Michael Kaufmann, Undergraduate Chair
Undergraduate English Office – 1030 Anderson Hall
215 204-7561

engugrad@temple.edu

Description of Department and Major

The English major helps students develop as readers of interesting, complex texts, including literary texts. Majors read writing from a variety of historical contexts and cultures; this experience builds their understanding of the relation between society and language. English majors become critical and reflective readers, aware of the history and development of writing in English. They are also good, inventive writers, able to analyze problems, to do careful and inventive research, to argue and to evaluate the arguments of others.

The English major is good preparation for a career in writing or editing – of stories, speeches, legal documents, advertising, research projects, poems, grant proposals, essays, or letters. English majors also find careers in publishing and journalism, public relations, business, industry, management, marketing, social services and government. English is a strong pre-professional major for law, medicine, library science, and teaching.

The English department has a distinguished faculty of nationally known critics, writers, and scholars who will teach you, usually in small classes. You will choose from a range of exciting courses (about 40 English courses each semester), and from interdisciplinary programs such as the Five-year Program in English and Education, Temple's special minor in Business, or a double major in English and any other department throughout the University. Internships are offered with area institutions such as the Temple Press, the University of Pennsylvania Press, the Urban League, WHYY public radio, *Philadelphia Magazine*, United Way, the Red Cross, Bread and Roses, J. B. Lippincott Publishers, First Union Bank, and the Academy of Natural Sciences. The department offers community-based projects, such as the New City Press and our Institute for the Study of Literature, Literacy, and Culture. There is an active program of readings by resident and visiting writers and artists. Students are active in writing and producing literary magazines: *Hyphen* is published on the main campus, and *The Parable* at Ambler.

Hyphen is published on the main campus, and *The Parable* at Ambler.

Requirements for the English Major

Department	Course #	Course Name	Hours	RCI
English	W100	Introduction to English Studies	3	
English	0114	Survey of English Literature: Beginnings to 1660	3	
English	0115	Survey of English Literature: 1660-1900	3	
English	0116	Survey of American Literature I	3	WI
English	0117	Survey of American Literature II	3	
English	100 level courses	Three English Electives	9	
English	200 level courses	Three English Electives	9	
English	W300 level courses	One Senior Capstone Course	3	WI*
Total			36	

* Indicates writing capstone for the major.

Requirements for the English Minor

Department	Course #	Course Name	Hours	RCI
<i>Select two Literature Surveys from:</i>			6	
English	0114	Surveys of British Literature		
English	0115	Surveys of British Literature		
English	0116	Surveys of American Literature I		
English	0117	Surveys of American Literature II		
<i>Select Four Electives in English*:</i>				
English		100 or 200 Level Electives	12	
Total			18	

* No more than two courses in writing (creative, technical, or business)

Certificate in Writing

A total of five courses in Writing. At least one from each area listed below, no more than 3 in any single area. Students must earn a grade of B or higher in each course of the certificate program.

Department	Course #	Course Name	Hours	RCI
<i>Advanced Expository and Professional Writing Electives</i>			3-9	
English	W101	Developing Prose Style		WI
English	W102	Technical Writing		WI
English	W103	Writing the Research Essay		WI
English	W104	Writing for Business and Industry		WI
English	0200	Career Internship		
English	0201	Advanced Composition		
English	0205	Writers at Work		
<i>Creative Writing:</i>			3-9	
English	W107	Creative Writing: Poetry		WI
English	W108	Creative Writing: Fiction		WI
English	0109	Creative Writing: Plays		
English	W202	Advanced Creative Writing: Fiction		WI
English	0203	Advanced Creative Writing: Poetry		
English	0204	Advanced Creative Writing: Plays		
<i>Writing Theory:</i>			3-9	
English	W105	Literacy and Society		WI
English	W106	Texts/Cultures of Science		WI
English	W112	Technologies of Writing		WI
English	0212	Linguistics and Grammar		
English	0213	History of the English Language		
English	0214	Semantics		
English	0284	Theories of Discourse		
English	W310	Studies in Literacy		WI
Total			15	

ENVIRONMENTAL STUDIES

Dr. Robert Mason, Director
330 Gladfelter Hall
215-204-5918

envtstud@temple.edu
www.temple.edu/env-stud

Students will be equipped with the scholarly background and intellectual skills to understand a wide range of pressing environmental issues, and they will come to appreciate the physical, economic, political, demographic, and ethical factors that define those issues. Among the many environmental problems central to our program are groundwater contamination, suburban sprawl, river basin management, environmental justice, and the greening of abandoned urban spaces. Our graduates find employment with government environmental agencies, citizens' organizations, consulting firms, and corporate environmental affairs departments.

Offered jointly by the College of Liberal Arts and College of Science and Technology, Environmental Studies includes both B.A. and B.S. options. A minor also is offered and a Certificate of Completion is an option for those already holding an undergraduate degree in a different field.

The program and its requirements are described in full in **Intercollegial Programs**.

FRENCH

Istvan Varkonyi, Chair
5th floor Anderson Hall
215-204-8266
istvan.varkonyi@temple.edu

Wilbert Roget, Advisor
5th floor, Anderson Hall
215-204-8273

Wilbert.roget@temple.edu
Anderson Hall, Room 532
215-204-7260
www.temple.edu/fgis

Summary of Requirements for the Major

- Prerequisites: French 0051, 0052 with a minimum grade of C or equivalent placement
- Major requirements
- Course levels are incremental in skills and content. Courses must be taken sequentially or in some instances may be taken concurrently. Students who initially place beyond French 0061 may begin with French 0062 or at the 100 level, as appropriate.
- Students who place out of C061 will need one additional elective; those who place out of 0062 will need two additional electives.

Department	Course #	Course Name	Hours	RCI
French	C061	Intermediate I	3	LB
French	0062	Intermediate II	3	
French	0223	French Literary History to 1750	3	
French	0224	French Literary History Post 1750	3	
French	W232	Diction and Style	3	*WI
French	300-level	3 Literature Courses	9	
<i>Select two or more Electives from 100- or 200-level</i>			6	
French	0121	Conversation I		
French	W122	Focus on Composition		WI
French	0123	Concentrated Reading		
French	0125	French for Business and Tourism		
French	0220	Culture and Civilization		
French	0223	French Literary History to 1750		
French	0224	French Literary History Post 1750		
French	W232	Diction and Style		WI
French	0250	Advanced Grammar		
Total			30	

*Up to two upper level courses outside of the department will count as electives if they relate to the major as approved by the department advisor.

Summary of Requirements for the Minor

- Prerequisites: French 0051 with a minimum grade of C or equivalent placement.
- Minor requirements: Six courses (minimum of 18 credits) including at least two courses at the 100 level and one course at the 200 level.

Department	Course #	Course Name	Hours	RCI
French	0052	Fundamentals of French II	4	LA
French	C061	Intermediate I	3	LB
French	0062	Intermediate II	3	
<i>Select a minimum of 2 courses from:</i>			6	
French	0121	Conversation I		
	W122	Focus on Composition		WI
	0123	Concentrated Reading		
	0125	French for Business and Tourism		
<i>Select a minimum of 1 course from:</i>			3	
French	0220	Culture and Civilization		
	0223	French Literary History to 1750		
	0224	French Literary History Post 1750		
	W232	Diction and Style Advanced		WI
	0250	Grammar		
Total			19	

Summary of Requirements for the Special Foreign Language Certificate in French

Six courses (20 semester hours) beginning with French 0051, including French 0125 (French for Business). French 0121 (Conversation) or French 0220 (Culture and Civilization) or an upper-level course is also required.

Department	Course #	Course Name	Hours	RCI
French	0051	Fundamentals of French I	4	LA
French	0052	Fundamentals of French II	4	LA
French	C061	Intermediate I	3	LB
French	0062	Intermediate II	3	
French	0125	French for Business and Tourism	3	
Select one course from:				3
French	0121	Conversation I		
French	0220	Culture and Civilization		
French		or another 100/200 level Elective		
Total credits required			20	

Distinction in Major

To be considered for Distinction in Major, students must:

- Complete the requirements for the concentration in French with a GPA of at least 3.50;
- Be recommended to the Chair of the department by the French faculty advisor after consultation with the French faculty;
- Have an overall GPA of at least 3.25.

Study Abroad

Students declaring a major in the department are encouraged to study abroad. Temple University has a summer program at the Sorbonne in Paris. Credits earned through the Temple Sorbonne Program may be used toward the French major, minor, certificate and in partial satisfaction of the International Studies requirement

GEOGRAPHY AND URBAN STUDIES

Sanjoy Chakravorty, Chair
sanjoy.chakravorty@temple.edu
 215-204-6939

Marilyn Silberfein, Undergraduate Chair and Faculty Advisor
pawling@temple.edu
 215-204-7625

309 Gladfelter Hall
 215-204-1248

www.temple.edu/gus

The Department of Geography and Urban Studies offers a major in which students gain an understanding of this combined field by taking several basic required courses, supplemented by upper-level electives.

Within these guidelines, it is possible for students to choose courses that focus chiefly on geographical studies, including the major distributions of physical and natural phenomena across the globe, the relationship of environment and society, and the concepts underlying spatial analysis and industrial location; or they may choose a program that emphasizes urban studies, exploring the social, political, economic, and historic aspects of urban life, including international comparisons of urban society and the policies that governments have devised to address urban problems. Curricular choices often overlap both fields and also take advantage of offerings in cartography and geographic information systems (GIS). Each student's program is developed with the departmental advisor to suit individual interests and is designed to facilitate career opportunities or further education.

Gamma Theta Upsilon

Membership in the National Honorary Society in Geography is available to majors selected on the basis of GPA. Initiations are held each year and student members can submit articles to the GTU journal and apply for national scholarships.

Internships

Students are encouraged to apply their skills and knowledge in a credit-bearing internship that utilizes their academic training. Assignments at planning, social service and other agencies, as well as firms that specialize in mapping and geographic data analysis, have helped in securing employment opportunities. The Internship course also includes class meetings at which assigned articles and each student's work experience are discussed in a seminar format. See the Undergraduate Chair for more details and for information on possible internship sites.

The Geography and Urban Studies Major requires 12 courses.

B.A. Requirements

Foundation Courses for Major

Department	Course #	Course Name	Hours	RCI
Select one of the following courses:			3	
GUS	C050	Environment & Society		IN
		or		
	C062	Geography of World Affairs		IS
Select one of the following courses:			3	
GUS	R055	Urb Society:Race,Class...		IN/RS
		or		
	C060	World Urban Patterns		IS
Select one statistics course:			3-4	
Sociology	0021	Statistical Methods in Soc.		
		or		
Math	C067	Elements of Statistics		QB
		or		
Psychology	C067	Foundations in Statistical Methods		QB
		or		
Sociology	C067	Social Statistics		QB
		or		
		Another appropriate statistics course		

Intermediate Courses

Two of the following four Intermediate Courses

Department	Course #	Course Name	Hours	RCI
Select two of the following five intermediate courses			6	
GUS	0130	Economic Geography		
GUS	W131	Urban Systems in a Global Society		
GUS	0150	The Urban Environment		
GUS	0156	Environment & Development		

Additional Requirements or Another Appropriate Course

Department	Course #	Course Name	Hours	RCI
GUS	W282	Research Methods in GUS	3	WI
GUS	W300	Sr. Seminar/Capstone	3	WI*

* Indicates writing capstone for the major.

Electives in the Major

Department	Course #	Course Name	Hours	RCI
GUS	Electives	Students must take 5 electives in GUS. At least four of the five must be upper level (courses numbered 100 or above)	15	

TOTAL 36-37

Requirements for the Minor

The Geography and Urban Studies minor is designed to complement a range of concentrations by providing insights into urban processes and/or a geographical/ecological perspective. Students can also use the minor to acquire marketable skills such as mapping and spatial analysis.

18 credits in Geography and Urban Studies

Department	Course #	Course Name	Hours	RCI
Select one Introductory course from:			3	
GUS	C050	Environment & Society		IN
		or		
	C062	Geography of World Affairs		IS
		or		
	R055	Urb Society:Race,Class...		IN/R
		or		
	C060	World Urban Patterns		IS
GUS	Electives	Select 5 courses, at least 4 of which must be 100+ level (One cognate course can substitute for an elective with written permission from the faculty advisor.	15	

Total 18

Tracks

The department has identified several informal areas of concentration to assist students in making course selections. These do not constitute formal requirements, but rather provide guidelines for developing a personalized curriculum. Students can focus on the following themes:

- Urban Issues
- Environmental Problems
- International Development
- Geographical Techniques

Distinction in the Major

Geography and Urban Studies students can graduate with distinction if they fulfill the following requirements: A GPA of 3.5 in the major and overall 3.00 GPA, enrollment in at least one graduate (or undergraduate course cross-listed with a graduate course), the completion of an honors paper under the supervision of a faculty member, and the presentation of a paper in a public forum. Students who think that they may qualify for distinction should contact the undergraduate advisor by their junior year.

Double Major with the College of Education

It is now possible to become certified as a secondary school social studies teacher by combining a major in Geography and Urban Studies with a major in Social Studies Education. It is also possible to gain certification through a GUS major and education minor following the 5 year BA/MA program. For more information on this opportunity, please contact the CLA Academic Advising Center.

Certificates of Specialization in Travel and Tourism

Students may take a series of courses that examine the rapidly growing fields of tourism and recreation from an urban/geographical perspective. Two certificates are available; please see the School of Tourism and Hospitality Management section for more information on these program requirements.

Certificate of Specialization in the Geography of Tourism

The courses in this certificate program examine all the world's culture regions and the linkages among them. Courses can be selected based on a student's interest in domestic or international tourism. Additional courses would then be chosen to help the student acquire a sense of place as well as strategies for learning about new locations. Some students might also want to study geographical information systems (GIS) to assess the character of specific tourist destinations.

Certificate in the Geography of Sports, Recreation and Tourism Planning

Students in this program who are interested in urban recreation and sports can take courses related to urban social and policy issues, while those interested in outdoor/rural recreation can take courses on environmental issues. The course on geographical information systems (GIS) is particularly relevant to tourism planning.

GERMAN

Istvan Varkonyi, Chair
5th floor Anderson Hall
215-204-8266

istvan.varkonyi@temple.edu

Margaret Devinnay, Faculty Advisor
215-204-3356

devinnay@temple.edu

Anderson Hall, Room 532
215-204-7260

www.temple.edu/fgis

Summary of Requirements for the Major

- Prerequisites: German 0051 and 0052 or equivalent placement with a minimum grade of C.
- Required courses: 10 courses in German.
- Students who place out of C061 will need one additional elective; those who place out of 0062 will need two additional electives.

Requirements for the Major

Department	Course #	Course Name	Hours	RCI
German	C061	Intermediate German I	3	LB
German	0062	Intermediate German II	3	
German	W231	Composition and Conversation	3	*WI
German	0232	Culture and Civilization	3	
German	Electives	Select 6 from 100-, 200-, and 300-level courses	18	

Total 30

Note: Up to two upper level courses outside of the department will count as electives if they relate to the major as approved by the department advisor.

* Indicates writing capstone for the major

Requirements for the Minor

Prerequisites: German 0051 or equivalent placement with a minimum grade of C.

Required courses: 6 courses from the German curriculum.

Department	Course #	Course Name	Hours	RCI
German	0052	Beginning German II	4	LA
German	C061	Intermediate German I	3	LB
German	W231	Composition and Conversation	3	*WI
German	0232	Culture and Civilization	3	
German	Electives	Select two Electives from 100-, 200-, and 300-level courses	6	

Total 19

Note: Up to two upper level courses outside of the department will count as electives if they relate to the major as approved by the department advisor.

* Indicates writing capstone for the major.

Requirements for the Special Foreign Language Certificate in German

Department	Course #	Course Name	Hours	RCI
German	0051	Beginning German I	4	LA
German	0052	Beginning German II	4	LA
German	C061	Intermediate German I	3	LB
German	0062	Intermediate German II	3	
German	0120	German for Business and Travel	3	
Select one course from:			3	
German	W231	Composition and Conversation		WT*
	0232	Culture and Civilization		
Total			20	

* Indicates writing capstone for the major.

Distinction in Major

To be considered for Distinction in the German Major, students must:

- Complete the requirements for the concentration in German with a GPA of at least 3.50;
- Have an overall GPA of at least 3.25;
- Be recommended to the Chair of the department by the German faculty advisor.

Study Abroad

Students declaring a major or minor in the department are strongly encouraged to study abroad. Temple University has programs at the universities of Hamburg and Tübingen and Leipzig in Germany. Courses completed in these programs may be credited toward the German major or minor and in partial satisfaction of the International Studies requirement.

Students interested in Study Abroad should discuss their plans with the faculty advisor in German early in their academic program.

GREEK, HEBREW AND ROMAN CLASSICS

Robin Mitchell-Boyask, Department Chair

Anderson Hall 330

215-204-8267

robin@temple.edu

Greek & Roman Classics Division

Martha A. Davis, Advisor

madavis@temple.edu

321 Anderson Hall

215-204-8267

www.temple.edu/classics

Students in the Department of Greek, Hebrew, and Roman Classics study the cultures and languages of three major civilizations of the ancient Mediterranean world. Classics is an interdisciplinary field of study which encompasses major disciplines of the liberal arts: languages, history, literature, and philosophy.

Classics offers a sound liberal arts background: Classics majors have held senior positions in government, law, and public service organizations, have founded and headed profit and non-profit companies and organizations, and have worked as correspondents and journalists. Recent Temple Classics majors have gone on to law school, veterinary school, graduate school, business and teaching careers.

The organization for majors and minors is Zeta Beta Chapter of Eta Sigma Phi, the National Honorary Society for Classics.

Distinction in Major

Requires a senior thesis and a minimum GPA of 3.5 in Greek, Latin or Greek and Roman Classics courses.

Summary of Requirements for the Major

- Eight courses in Greek and/or Latin, including W101 in one of the two languages.
- Three additional courses from any or all of the following categories:
 - a. Advanced courses in Greek and/or Latin
 - b. Courses in Classical Culture (must include Classical or Comparative Mythology)
 - c. Courses on aspects of the ancient Greek and Roman world in other Temple departments, such as Art History, History, Religion and Philosophy, as approved by the Department Advisor.

Requirements for the Major

*Capstone Course in Major; select Greek or Latin

Department	Course #	Course Name	Hours	RCI
Select Seven Courses in Greek and/or Latin Language:			21-25	
Greek/Latin	0051	Elements I		LA
Greek/Latin	0052	Elements II		LA
Greek/Latin	C061	Intermediate I		LB
Greek/Latin	0062	Intermediate II		
Greek/Latin	0102	Readings in Latin Literature II		
One Writing Capstone:				
Greek/Latin	W101	Readings in Latin Literature I*	3	WI
Select one from:			3	
GHRC	0251/W251	Classical Greek and Roman Mythology		WI
		or		
	0252/W252	Comparative Mythology		
Select two:				
GHRC	C071-0399	Culture courses	3	
Total			30-34	

Summary of Requirements for the Minor

Required Courses

Department	Course #	Course Name	Hours	RCI
Greek/Latin	0051-0062	Latin or Greek through 0062 level	3-14	LA/LB
GHRC	0251/W251	Classical Greek and Roman Mythology	3	WI
		or		
	0252/W252	Comparative Mythology		
GHRC	Electives	Four additional courses ¹ (see note below)	12	
SubTotal			15-29	

¹ Minimum of two of these courses must be above the 0100 level. Courses must fall under the following categories: a. Advanced courses in Greek and/or Latin b. Courses in Classical Culture c. Courses on aspects of the ancient Greek and Roman world offered in other Temple depts. such as Art History, History, Religion and Philosophy, and approved by the dept. advisor.

Required Courses Ancient Mediterranean Studies Minor

Department	Course #	Course Name	Hours	RCI
GHRC	0051 and 0052	Greek, Hebrew or Latin	6	LA
Select one of the following:				
GHRC	0251/W251	Classical Greek and Roman Mythology		WI
		or		
	0252/W252	Comparative Mythology		WI
GHRC	0253	Hebrew, Myth and Legend		
GHRC	W254	Classical Epic		WI
Select two Units:				
GHRC	0263/0267 or	Two units of GHR Classics –	6	
		or		
	W263/W267	The Ancient City ¹ (See Note below)		
GHRC	100 +	One additional course at or above the 100 ² (See note below)	3	
SubTotal			15	

Study Abroad

1 Cycle of Five cities offered: Jerusalem, Augustan Rome, Byzantium, Periclean, Hellenistic Alexandria.
2 Course can be from this department or from another department such as: Anthropology, Art History, Religion, History or Philosophy, as approved by GHR Classics department advisor.

GHRC Majors and Minors are encouraged to study a semester at Temple's Rome Campus.

HEBREW DIVISION

Ayala Guy, Advisor
215-204-8274

B.A. Major Requirements Hebrew

Department	Course #	Course Name	Hours	RCI
Hebrew	0051	Beginners' Hebrew I	4	LA
Hebrew	0052	Beginners' Hebrew II	4	LA
Hebrew	C061	Intermediate I	3	LB
Hebrew	0062	Intermediate II	3	
Hebrew	W101	Advanced Hebrew	3	WI
Hebrew	Electives	Five Hebrew courses at the 200/300 level	15	
Hebrew	Elective	One Bible course at the 300 level	3	
SubTotal			35	

Year Abroad

Students declaring concentration in the Division of Hebrew are encouraged to spend one year in one of the universities of Israel.

Minor Requirements Hebrew

Department	Course #	Course Name	Hours	RCI
Select two introductory courses:				
Hebrew	0051	Beginners' Hebrew I		LA
	0052	Beginners' Hebrew II		
		or		
	C061	Intermediate I and		LB
	0062	Intermediate II		
Advanced students will take two electives instead of the above courses.				
Two courses from the following:			6	
Hebrew	0236	Israel in the Middle East		
Hebrew	0242	Dev. Of Mod. Short Story		
Hebrew	0245	Agnon		
GHRC	0279 or W279	Lit. and Art of the Holocaust		WI
Hebrew	0379	Holocaust and Resistance		
Hebrew	Electives	Any two Hebrew courses above 100 level	6	
SubTotal			18-20	

HISTORY

Richard Immerman, Chair

913 Gladfelter

Richard.Immerman@temple.edu

215-204-7466

David M. Jacobs, Undergraduate Advising Coordinator

927 Gladfelter

David.Jacobs@temple.edu

215-204-7966

913 Gladfelter Hall

215-204-7461

www.temple.edu/history

The faster our lives change, the more we need to understand our past, reflect on our present, and make decisions for our future. History helps us to understand who we are and where we came from. It provides unique insights and perspectives for our personal and professional pursuits.

The study of history incorporates all people and all societies from the dawn of civilization to the present. As such, students can specialize in certain countries, regions, eras, or other aspects of these areas. The History Department divides its courses between American History, European History, and Comparative, Global, Third World History. Within each division, one can choose history courses in political, diplomatic, social, cultural, economic, gender, and ethnic history. Students should concentrate in one field of history and also be well-versed in the three main divisions.

Temple History graduates have gone into a wide range of careers. Business, law, politics, education, historical preservation, and information resources are just a few of the many areas. History arms the student for a maximum amount of flexibility for career choices.

Temple students regularly participate in the intellectual life of the region through their connections to such organizations and institutions as the McNeil Center for Early American Studies, the Balch Institute for Ethnic Studies, the Pennsylvania Historical Society, the Atwater Kent Museum, and the American Philosophical Society.

The Department of History offers an Honors Program for majors with outstanding academic records. Qualified majors are invited to join Phi Alpha Theta, the History honor society, and minors as well as majors participate in the Undergraduate History Association. Special Programs allow undergraduates to major in History and earn teaching certification or to major in history and earn a Masters in Education in five years (program administered through the School of Education).

The History Major

The History major consists of a step approach in which courses numbered below 100 are beginning courses. Courses numbered between 100 and 199 are intermediate courses, and courses numbered above 200 are advanced courses. There are no prerequisites for any history course.

- The major in history requires thirty-six (36) credit hours, of which at least twenty-four (24) must be at the 100 level or more, including twelve (12) credits at the 200 and 300 levels.
- Courses are divided into three categories: a) Comparative, Global, and Third World; b) European; and c) United States. Students must take a minimum of two (2) courses in each of these areas, at least one (1) of which must be numbered 100 or above.
- Each major should take four (4) courses that represent an area of concentration based on some geographic or thematic intellectual rationale. The area of concentration should be defined in writing and approved by a departmental advisor, ideally at the start of the junior year and no later than the start of the senior year.
- Majors must take at least one writing seminar in their senior year: History W386, Writing Seminar in American History; W387, Writing Seminar in European History; W388, Writing Seminar in Third World History; or History W397, Writing Seminar in the Contemporary Theory and Practice of History. This course counts as one of the four required above 200.

History Honors Program

Requirements for admission: History majors must have a GPA of 3.5 in at least five history courses, three of which must be 100-level or above; an overall GPA of at least 3.3; and a writing sample for submission to the Honors Committee. Students may apply for admission by submitting the writing sample and verifying their GPAs to the History Honors Committee or to any member of the History faculty.

Distinction in Major: The Honors History Program

Students must successfully complete a sequence of History W380, Historiography and Research Methods (offered in Spring 2005) and the History Honors Capstone (and to be offered in Spring, 2005). The end product of the History Honors Capstone is an Honors Senior Thesis to be presented in a public forum. Students must continue to maintain a 3.5 GPA in all history courses and a 3.3 GPA in Temple courses overall.

Requirements for the Major

Department	Course #	Course Name	Hours	RCI
Select up to four courses at the LowerLevel			0-12	
History	0001-0099	Introductory Level		
Select a minimum of four courses at the 100 level				
History	0100-0199	Intermediate History Courses	12+	
Select a minimum of three history elective courses at the 200 level				
History	0200-0399	Advanced History Courses	9+	
Select one Capstone Writing Seminar			3	WI*
History	W386	Writing Seminar in American History or		
History	W387	Writing Seminar in European History or		WI*
History	W388	Writing Seminar in Comparative, Global, Third World History or		WI*
History	W397	Writing Seminar in Contemporary Theory and Practice of History		WI*
Total			36	

* Indicates writing capstone for major

Requirements for the Minor

A History minor is an ideal complement to other majors and programs at Temple, from medicine to journalism, from computer science to finance, from film to marketing. Students with a minor in history are required to take six (6) courses totally eighteen (18) semester hours. Of the six courses, at least two (2) must be numbered 100 or above and at least two courses (2) must be numbered 200 or above.

Department	Course #	Course Name	Hours	RCI
Select up to two from the following:			6	
History	C060	Third World History		IS
	C061	World History—Ancient		IS
	C062	World History—Modern		IS
	C063	War and Society		IS
	C065	Gender and History		IS
	C066	Modern Europe		IS
	C067	U.S. History to 1877		AC
	C068	U.S. History Since 1877		AC
Select at least two 100 level courses.				
History	0100-0199	Intermediate History Courses	6	
Select at least two 200 level courses.				
History	0200-0399	Advanced History Courses	6	
Total			18	

Materials describing the History major can be obtained in the History Department, 913 Gladfelter Hall. Students should also consult the History Department Web site www.temple.edu/history

ITALIAN

Istvan Varkonyi, Chair
5th floor Anderson Hall
215-204-8266
istvan.varkonyi@temple.edu

Justin Vitiello, Advisor
215-204-8278
justin.vitiello@temple.edu
Anderson Hall, Room 532
215-204-7260

www.temple.edu/fgis

Summary of Requirements for the Major

- Prerequisites: Italian 0051, 0052, or equivalent placement with a minimum grade of C.
- Required courses: 10 courses including Italian C061, Italian 0062, and Italian W250.
- Note: Students who place out of Italian C061 will need one additional elective; those who place out of Italian 0062 will need two additional electives.

Requirements for the Major

Ten (10) courses in Italian

Department	Course #	Course Name	Hours	RCI
Italian	C061	Intermediate Italian I	3	LB
Italian	0062	Intermediate Italian II	3	
Italian	W250	Advanced Writing Skills	3	WI*
Italian	Electives	Select 7 courses	21	
Total			30	

Note: Two cognate courses in English may be accepted as part of the required courses with the written permission of the faculty advisor.

Requirements for the Minor

Six (6) courses in Italian

- Prerequisites: Italian 0051 or equivalent placement with a minimum grade of C.
- Required courses: 6 courses from the Italian curriculum.

Department	Course #	Course Name	Hours	RCI
Italian	0052	Elements II	4	LA
Italian	C061	Intermediate Italian I	3	LB
Italian	0062	Intermediate Italian II	3	
Italian	Electives	Select 3 courses	9	
Total			19	

Requirements for the Special Foreign Language Certificate in Italian

Six courses (20 semester hours), beginning with Italian 0051 and including Italian 0127—Italian for Business and Travel.

Six (6) courses in Italian

Department	Course #	Course Name	Hours	RCI
Italian	0051	Elements I	4	LA
Italian	0052	Elements II	4	LA
Italian	C061	Intermediate I	3	LB
Italian	0062	Intermediate II	3	
Italian	0127	Italian for Business	3	
Italian	Elective	Select 1 course	3	
Total			20	

*Indicates writing capstone for the major

Distinction in Major

To be considered for Distinction in Major in Italian, students must:

- Complete the requirements for the concentration in Italian with a GPA of at least 3.50;
- Have an overall GPA of at least 3.25;
- Be recommended to the Chair of the department by the Italian faculty advisor.

STUDY ABROAD

Students declaring a major or minor in Italian are encouraged to study abroad. Temple has its own campus in Rome, Italy, which offers courses in a variety of fields including language, art, architecture, and international business. Students interested in studying in Italy should discuss their plans with the Italian faculty advisor as early as possible.

JEWISH STUDIES

Laura Levitt, Director
641 Anderson Hall
215-204-4745
llevitt@temple.edu
641 Anderson Hall
215-204-1644

www.temple.edu/jewishstudies

Jewish Studies is an interdisciplinary field that allows students to sample courses across the liberal arts curriculum at Temple University. Central to Jewish Studies is an examination of the history, culture, beliefs, customs, practices, texts, and languages of the Jewish people. It addresses the legacy of over two thousand years of Jewish life as it has been lived in Jewish communities across the globe. At Temple, we pay particular attention to contemporary issues of Jewish culture, identity, and practice.

Requirements for the Major

Language Requirement

Department	Course #	Course Name	Hours	RCI
Hebrew	0062 or its equivalent approved by a faculty advisor	Intermediate II	3	
Jewish St	0110-0122	One introductory course	3	
Religion**		Two relevant courses	6	
History**		Two relevant courses	6	
Hebrew**		Two courses in language or literature	6	
Jewish Studies	Electives	Four upper level electives	12	
Capstone course				
Jewish St	W342	Independent Jewish Studies	3	WI*
Total			39	

* Indicates Writing Capstone for the Major

**Students should select courses related to Jewish language, religion and culture.

Distinction in Major

Jewish Studies majors may graduate with distinction if they have a GPA of 3.5 or better in the major, a cumulative GPA of 3.0 or better, and a grade of 3.5 or better in the capstone course (W342: Individual research project with a specific faculty member. Intended for majors in the final semester of coursework).

Subtracks with Concentrations in History or Religion

Interested students should consult with a Jewish Studies advisor to plan an individual program of study.

Requirements for the Minor

Language Requirement

Department	Course #	Course Name	Hours	RCI
Hebrew	C061 or	Intermediate I or Equivalent approved by a faculty advisor	3	LB
Jewish St	0110-0122	One introductory course	3	
Religion**		One relevant course	3	
History**		One relevant course	3	
Hebrew**		One course in language or literature	3	
Jewish Studies	Electives	Three upper level electives	9	
Total			24	

**Students should select courses related to Jewish language, religion and culture.

LATIN AMERICAN STUDIES

Rosario Espinal, Director
416 Anderson Hall
215-204-7527
espinal@temple.edu
www.temple.edu/LAS

The Latin American Studies Center offers three academic programs for undergraduates: the Latin American Studies Major, the Latin American Studies Minor, and the Latin American Studies Semester (LASS).

The Latin American Studies Major is an interdisciplinary program with a focus on the study of social problems of Latin America. Latin America's art, literature and religious thought have been universally recognized for their high quality and contribution to world civilization. At the same time, extreme social inequality persists in Latin America in addition to rapid urban growth, dramatic ecological change and political upheavals with powerful local and global implications. The Latin American Studies major offers a variety of courses that examine these issues. To complete the major, students must take twelve 3-credit courses in Latin American Studies, and demonstrate a reading and speaking knowledge of Spanish or Portuguese.

Requirements for the Major

12 courses (36 semester hours) distributed as follows:

Department	Course #	Course Name	Hours	RCI
Introduction to Latin American Studies - <i>Select one</i>				
LAS	C050	Perspectives on Latin America or The Latin American Studies Semester Program (LASS)	3-6	IS
Latin American Studies Content Courses - <i>Select nine</i>				
LAS	0100 and above	excluding LAS C050, W315	27	
Spanish-American Literature Courses - <i>Select one</i>				
Spanish	0230 or any 0300 level	Spanish-American literature course taught in Spanish: Spanish-American Culture & Civilization or	3	
Spanish	0240	Introduction to Spanish-American Literature		
Capstone Course				
LAS	W315	Latin American Studies Seminar	3	WI*
Total			36-39	

* Indicates Writing Capstone for the Major

Requirements for the Minor

The Latin American Studies Minor enables students to combine the requirements of their majors with the study of Latin America. It is designed to be of particular value to students who intend to engage in technical, professional, business, or government work involving Latin America. To earn the minor, students must complete six 3-credit courses in subjects with a Latin American emphasis, and demonstrate a reading knowledge and speaking facility of Spanish or Portuguese.

6 courses (18 semester hours)

Department	Course #	Course Name	Hours	RCI
<i>Select one</i> Introductory Course				
LAS	C050	Perspectives on Latin America or Latin American Studies Semester Program (LASS)	3-6	IS
LAS	0100 and above	Four or five courses	12-15	
Total			18	

Students also must demonstrate reading knowledge and speaking facility of Spanish or Portuguese through one of the following methods:

Select one of the following:

Spanish or Portuguese	0100+	3
LASS Semester		6
Proficiency examination		

Please note: LASS Program counts as one introductory course and one elective.

LATIN AMERICAN STUDIES SEMESTER (LASS)

The Latin American Studies Semester (LASS) is a 15-credit total immersion, interdisciplinary program designed to teach students to speak Spanish or to greatly increase their Spanish language fluency in one semester. The course meets daily from 9:00 a.m. to 3:00 p.m., and includes, in addition to Spanish language skill acquisition, the study of Latin America through social science, literature and film. The highlight of the course is a trip to Mexico during the Spring Break. LASS is offered each spring semester.

Distinction in Major

Latin American Studies majors may graduate with distinction in the major if they have a GPA of at least 3.5 in the major and a cumulative GPA of at least 3.0.

LESBIAN, GAY, BISEXUAL AND TRANSGENDER (LGBT) STUDIES

Patricia Melzer, Advising Coordinator

816 Anderson Hall

215-204-6953

pmelzer@temple.edu

LGBT Studies analyzes gender, sexuality, and sexual orientation as they are understood by various disciplines and in cross-cultural perspectives. The minor enables students to become familiar with concepts, theories, history, literature, and political and sociological issues concerning the LGBT community. It also gives students an opportunity to examine and think critically about the intersections of sexuality, sex, and gender, and become aware of the diversity of attitudes about sexuality in different cultures and historical eras.

Requirements for the Minor

Six courses are required for the minor. Of these courses, at least five must be in CLA

Department	Course #	Course Name	Hours	RCI
Women's Studies	0237	Gay and Lesbian Lives	3	
Women's Studies	0299	Field Work	3	
Four electives are required: Among those courses, minors must take two or three LGBT Studies theme courses and one or two Gender courses. For examples, please contact the advising coordinator.				
Women's Studies	W363	Feminist Theory	3	
Sociology	0246	Gender and Sexuality (cross-listed with Women's Studies)	3	
Sociology	0288	Men and Masculinity (cross-listed with Women's Studies)	3	
History	0172	Sexuality and Gender in American History (cross-listed with Women's Studies)	3	
Anthropology	0255	Gender in Cross-Cultural Perspectives (cross-listed with Women's Studies)	3	
Total			18	

* Indicates Writing Capstone for the Major

**Students should select courses related to Jewish language, religion and culture.

INTERCOLLEGIAL B.A. DEGREE IN MATHEMATICAL ECONOMICS

Dimitrios Diamantaras, Advisor, Department of Economics

Ritter Annex 623

215-204-8169

dimitrios.diamantaras@temple.edu

Boris A. Datskovsky, Advisor, Department of Mathematics

Wachman Hall 632

215-204-7847

boris.datskovsky@temple.edu

The Departments of Economics and Mathematics offer the Mathematical Economics program as a platform for systematic concentration in the mathematical approach to economics. Economics has progressed in the last several decades by making extensive use of mathematical techniques. As a result, students who wish to pursue graduate study in economics, finance, accounting and other disciplines that make an extensive use of economics need a thorough grounding in both economics and mathematics. The Mathematical Economics curriculum provides this grounding with a broad selection of courses that cover all important areas of economics and the mathematical tools required for a critical, deep mastery of these areas. This program is especially recommended for those students who intend to pursue graduate studies in Economics. The program and its requirements are described in full in the **Intercollegial Programs** section of this *Bulletin*.

ORGANIZATIONAL STUDIES

This program was dropped from the College of Liberal Arts curriculum and students may no longer declare this major.

All Organizational Studies majors must have graduation reviews outlining remaining requirements and sign a "Student Agreement of Understanding" with the College of Liberal Arts Academic Advising Center. If you have questions regarding your remaining coursework, please contact Ms. Stephanie Smith, Director of Academic Advising, advisor@temple.edu or 215-204-8115.

PHILOSOPHY

Paul Taylor, Chair
Anderson 716
215-204-2464
ptaylor@temple.edu

Paul Crowe, Undergraduate Advisor
Anderson 747
215-204-1742
pcrowe@temple.edu
724 Anderson Hall
215-204-1742
www.temple.edu/philosophy/index.html

The Philosophy Major

The Philosophy Department offers a 36 credit B.A. degree program. The program is designed to provide a solid foundation for various professions in business, government, and professional schools (such as law), as well as an excellent background for the further study of philosophy. The department makes special provisions for students who have chosen the major as preparation for entry into law school. These students should follow a path slightly different from that of traditional majors, as indicated below. The Philosophy Department always has many majors who are transfer students. Students should be sure to see a departmental advisor to make the necessary adjustments for their progress through the major.

Requirements for the Philosophy Major

Department	Course #	Course Name	Hours	RCI
Philosophy	0100	Introduction to Philosophy <i>or</i>	3	
Philosophy	H191	Honors Introduction to Philosophy	3	
Philosophy	C066	Introduction to Logic	3	QB
Philosophy	0161	History of Philosophy – Greek	3	
Philosophy	0172	History of Philosophy – Modern	3	
Philosophy	0222	Contemporary Ethical Theory <i>or</i>	3	
Philosophy	0226	Classics in Moral Philosophy ¹	3	
Philosophy	0298	Senior Seminar <i>or</i>	3	
Philosophy	0294	Pre-Med Tutorial	3	
6 additional philosophy courses at the 100+ level			18	
Total			36	

¹ For scheduling reasons, especially for transfer students, another ethics-related course is often substituted.

Requirements for the Philosophy Major with a Pre-Law Emphasis

Department	Course #	Course Name	Hours	RCI
Philos	C050	Philosophical Challenges to the Individual	3	IN
Philos	0055	Critical Thinking	3	
Philos	0161	History of Philosophy – Greek	3	
Philos	0172	History of Philosophy – Modern	3	
Philos	0243	Philosophy of Law	3	
Philos	0293	Pre-Law Tutorial	3	
Philos	0198	Pre-Law Internship	3	
Philos	0100+	5 additional philosophy courses at the 100+ level	15	
Total			36	

Requirements for the Philosophy Minor

Department	Course #	Course Name	Hours	RCI
Philosophy	0100	Introduction to Philosophy <i>or</i>	3	
Philosophy	H191	Honors Introduction to Philosophy <i>or</i>	3	
Philosophy	C050	Philosophical Challenges to the Individual	3	
Philosophy	C066	Introduction to Logic <i>or</i>	3	QB
Philosophy	0055	Critical Thinking	3	
Philosophy	0161	History of Philosophy – Greek <i>or</i>	3	
Philosophy	0172	History of Philosophy – Modern <i>or</i>	3	
Philosophy	0222	Contemporary Ethical Theory <i>or</i>	3	
Philosophy	0226	Classics in Moral Philosophy ¹	3	
Philos	0100+	3 additional philosophy courses at the 100+ level	9	
Total			21	

POLITICAL SCIENCE

Gary Mucciaroni, Chair
4th floor, Gladfelter Hall
215-204-7796
gmucciar@temple.edu
Geoffrey Herrera, Faculty Advisor
462 Gladfelter Hall
215-204-7709
gherrera@temple.edu
Gladfelter Hall Room 408
215-204-7796
www.temple.edu/polsci

The Political Science major and minor provide a systematic study of politics in the United States (federal, state, and local) and foreign countries. Students will have an opportunity to consider the relations between countries, while incorporating a theoretical perspective. Special emphasis will be placed on the role of institutions in shaping political behavior as well as on issues of political economy.

The key educational goal for political science students is analytical thinking. Students will recognize and understand various patterns in the distribution of political power and recurrent models of political behavior. Students will also gain insight into the relationship between the distribution of resources and power within society and political outcomes. As politics inherently involves how societies distribute life opportunities, students will also reflect upon the moral choices involved in political life. The department teaches students how to develop the capacity to conduct empirical research in order to illuminate and revise theoretical models of politics. Students will be expected to use a full range of data and to write clearly.

Political Science graduates pursue a wide range of careers. They may work in government offices (at all levels), political campaigns, private voluntary organizations, unions and community organizations, as well as the private sector. Some pursue teaching careers. A degree in Political Science is also excellent preparation for law school.

The department can arrange internships, which are typically linked to academic study. In addition, our Experiential Learning Program offers internships combined with academic seminars every term.

The department has two important student organizations: the Political Science Majors Association and Political Science Honor Society - Pi Sigma Alpha, Temple Chapter.

Requirements for the Political Science Major and Minor

Summary of Major Requirements

Department	Course #	Course Name	Hours	RCI
Political Science	C051	The American Political System (Honor Students take H091)	3	AC
Political Science	C052	Foreign Government and Politics (Honor Students take H092)	3	IS
Political Science	C053	International Politics (Honor Students take H093)	3	IS
Political Science	W101	Introduction to Political Philosophy	3	WI
Political Science	W340	Capstone in Political Science	3	WI
Political Science	Electives	Select 6 courses in the 100 level or higher	18	
Total			33	

Summary of Minor Requirements

Department	Course #	Course Name	Hours	RCI
Introduction – select two			6	
Political Science	C051	The American Political System (Honor Students take H091)		AC
Political Science	C052	Foreign Government and Politics (Honor Students take H092)		IS
Political Science	C053	International Politics (Honor Students take H093)		IS
Political Science	W101	Introduction to Political Philosophy		WI
Political Science	0102 or above	Select 4 courses in the 100 level or higher.	12	
Total			18	

Notes: Courses should be sequenced so that students take the introductory courses before the upper level courses. PS C051 is an introduction to U.S. politics, and should be taken before upper level courses about U.S. politics. Similarly, PS C052 introduces foreign governments and proceeds upper level courses in this field. PS C053 introduces International politics and is a prerequisite for upper level courses in this field. PS W101* introduces Political Theory and should be taken after a student has had several political science courses and should precede upper level theory courses. PS W340 is the Capstone course for the major and should be taken in the senior year after the completion of PS C051, C052, C053, W101 and 4 Political Science courses numbered 100 or higher.

Not all courses are offered every semester. Please check the Semester Class Schedule or departmental Web page for actual course offerings each semester.

PSYCHOLOGY

Willis F. Overton, Chair
Weiss Hall, Room 658
215-204-7360
overton@temple.edu

Margo A. Storm, Associate Chair
Weiss Hall, Room 607
215-204-3409
mstorm@temple.edu

The Undergraduate Psychology Majors' Association:

The Psychology Majors' Association is an organization intended to serve as an information base concerning faculty, classes, etc., a gathering/meeting place, and a social support network of students with diverse background/interests within the Psychology field. We are located at 605 Weiss Hall and welcome the suggestion and input of all members.

PSI-CHI – The National Honor Society in Psychology

The minimum requirements for membership in PSI CHI are a 3.20 cumulative GPA and a 3.50 GPA in Psychology courses. Applications are available in the PSI CHI office, Room 605, Weiss Hall.

Student Advisor/Ombudsperson

When a grievance, such as a grade dispute or personality conflict arises between an instructor and student, the student ombudsperson acts as a liaison or mediator in an attempt to resolve the problem.

The student ombudsperson for the Department of Psychology is located in 607 Weiss Hall, 215-204-1576. The student advisor can also give fellow students helpful information in their major as seen through the eyes of a student. The student advisor can provide any information concerning major requirements, core curriculum, graduate school, and academic procedures.

Psychology Honors Program

Honors students take honors courses from the Psychology 0391-0394 sequence in the Junior and Senior years. Independent study is guided by a faculty sponsor whose research interests coincide with the student's, and seminars deal with topics in research design as well as the substantive issues arising out of the student's research. Grade requirement is a 3.5 average across all courses. Contact Contact Dr. L. Kidder, e-mail address, kidderl@temple.edu.

Phi Beta Kappa

See Supplemental Educational Opportunities: Academic Opportunities: Honor Societies.

Elective Psychology Courses Numbered 100-199 and above

Each term the Psychology Department will offer a few courses which are not listed under the regular required curriculum. These courses will be open to both the Psychology major and the non-major and usually will have the prerequisite of only Psychology C060. Psychology major taking these courses will receive elective CLA credit which will contribute to the CLA upper level course requirement.

Psychology 0396-0397 Research Problems

One or two terms of Psychology 0396-0397 may be taken as elective psychology credit and helps fulfill the CLA upper-level course requirement. Your student advisor has information on the research interests of the faculty. You must contact the faculty member with whom you plan to work and receive their approval prior to registration. Working with a faculty member on a research project can be a very valuable experience and is an important course to have on your record when making application to graduate school. The maximum credit permissible for 0396-0397 is 8 s.h.; a maximum of four credits each in 0397.

Psychology 0398-0399 Internship

Designed for those who want to experience psychology in the workplace, the internship allows students to apply theory to real-life situations, build an employment record, and complement future applications for graduate work in psychology or social work. Work placements are available in a number of different applications in psychology: including, but not limited to, organizational, applied behavior analysis; education; clinical and counseling psychology; opportunities to work with autistic children, probation officers; and a variety of other placements. Each setting offers students a range of employment options that link classroom learning with practical experience. Students graduating from the program will have on-the-job experience as well as recommendations and job performance evaluations so that they can move easily from their undergraduate studies into psychology-related job opportunities or into graduate schools with an applied focus. Contact Dr. Margo Storm for information about our internships, 215-204-3409 or mstorm@temple.edu.

Summary of Requirements

Requirements of Major

41 Credit Hours in Psychology

Introductory Courses Required:

Department	Course #	Course Name	Hours	RCI
Psychology	C060	Psychology as a Social Science	3	IN
Psychology	0070	Psychology as a Natural Science	3	
Psychology	C067	Foundations in Statistical Methods	3	QB
Psychology	0004	Discovering Psychology (highly recommended)	1	
Subtotal			9	

Psychology Science Requirement:

Department	Course #	Course Name	Hours	RCI
Select One from List:			3-4	
Biology	C071	Human Biology or General Biology I		SA
Chemistry	C071/C073	General Chemistry I and Lab		SA
Physics	C085	Introduction to General Physics I		SA
Subtotal			3-4	

Methods Courses Required:

Department	Course #	Course Name	Hours	RCI
Psychology	0122	Inferential Methods in Psychology (Prerequisite: Psychology C067 or equivalent)	3	
Psychology	W123	Scientific Thinking in Psychology (Prerequisite: Psychology C060, 0070, C067)	4	WI
Subtotal			7	

Foundation Courses (200 Level):

Three courses required – at least one each from the BBC Area (230, 240, 250, 260, 265, 280) and the DCS Area (200, 210, 215, 220). The third foundation course can be in either area. Foundation courses are prerequisites for the advanced (300-level) areas.

Department	Course #	Course Name	Hours	RCI
Psychology	0200	Introduction to Developmental Psychology (Prerequisite: Psychology C060)		
Psychology	0210	Foundations of Social Psychology (Prerequisite: Psychology C060)		
Psychology	0215	Foundations of Industrial and Organizational Psychology (Prerequisite: Psychology C060)		
Psychology	0220	Foundations of Psychopathology (Prerequisite: Psychology C060)		
Psychology	0230	Foundations of Cognitive Psychology (Prerequisite: Psychology C060)		
Psychology	0240	Foundations of Evolutionary and Comparative Psychology (Prerequisite: Psychology 0070)		
Psychology	0250	Foundations of Learning and Behavior Analysis (Prerequisite: Psychology 0070)		
Psychology	0260	Foundations of Behavioral Neuroscience (Prerequisite: Psychology 0070)		
Psychology	0265	Foundations of Cognitive Neuroscience (Prerequisite: Psychology 0070)		
Psychology	0280	Foundations of Sensation and Perception (Prerequisite: Psychology 0070)		
Subtotal			9	

Advanced Courses (300 Level):

Choose three from any of the advanced courses (300-390) for which you have completed the prerequisite foundation course. These courses cover specialty areas within particular fields of psychology.

Developmental:**DSC Area – Social Science Fields**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0301	Phases of Development: Infancy (Prerequisite: Psychology 0200)		
Psychology	0304	Personality, Social and Emotional Development (Prerequisite: Psychology 0200)		
Psychology	0305	Cognitive and Language Development (Prerequisite: Psychology 0200)		
Psychology	0306	Neuroscience of Development and Aging (Prerequisite: Psychology 0260 or 0265)		
Psychology	0307	Theories of Development (Prerequisite: Psychology 0200)		

Social and Organizational:**DSC Area – Social Science Fields:**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0311	Social Cognition (Prerequisite: Psychology 0210)		
Psychology	0312	Psychological Studies of Social Issues (Prerequisite: Psychology 0210)		
Psychology	0316	Survey Research (Prerequisites: Psychology 0122 and Psychology 0215)		
Psychology	0317	Personnel Psychology (Prerequisite: Psychology 0215)		
Psychology	0318	Human Performance Improvement (Prerequisite: Psychology 0215)		
Psychology	0319	Computer Applications in Psychology (Prerequisites: Psychology 0067 or equivalent and Psychology 0215)		

Clinical:**DSC Area – Social Science Fields**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0321	Clinical Psychology: Research and Practice (Prerequisite: Psychology 0220)		
Psychology	0322	Psychoanalytic Theory (Prerequisite: Psychology 0220)		
Psychology	0323	Child Psychopathology and Treatment (Prerequisite: Psychology 0220)		

Cognitive:**BBC Area – Natural Science Fields**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0331	Problem Solving and Creative Thinking (Prerequisite: Psychology 0230)		
Psychology	0332	Human Memory (Prerequisite: Psychology 0230)		

Evolutionary/Comparative:**BBC Area – Natural Science Fields**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0341	Neurobiology and Evolution of Social Behavior (Prerequisite: Psychology: 0240 or 0260 or 0265)		

Learning and Behavior Analysis:**BBC Area – Natural Science Fields**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0351	Direct Applications of Behavioral Principles (Prerequisite: Psychology 0250)		
Psychology	0352	Experimental Psychopathology (Prerequisite: Psychology 0250)		

Neuropsychology:**BBC Area – Natural Science Fields**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0361	Psychopharmacology (Prerequisite: Psychology 0260)		
Psychology	0366	Neurobiology of Learning and Memory (Prerequisite: 0265)		

Sensation and Perception:**BBC Area – Natural Science Fields**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0381	Research Methods in Perception (Prerequisite: Psychology 0280)		
Psychology	0382	Visual Recognition (Prerequisite: Psychology 0280)		

Subtotal 9

One Writing Capstone is required. Select from:

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	W371	Capstone: History of Psychology		WI
Psychology	W372	Capstone: Fields of Psychology		WI
Psychology	W373	Capstone: Special Topics		WI
Psychology	W374	Capstone: Research		WI
Psychology	W375	Capstone: Honors		WI
Subtotal			4	

The Psychology Honors Program:

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0391 – 0393	Honors Program	1-4	
Psychology	0394 – 0395	Independent Study in Neuroscience	1-4	
Psychology	0396 – 0397	Individual Studies in Research	1-4	
Psychology	0398 – 0399	Psychology Internships	3	

Individual Study Courses:

(These courses require permission of the instructor)

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0391	Research Problems Honors		
Psychology	0392	Research Problems Honors		
Psychology	0393	Research Problems Honors		
Psychology	0394-5	Independent Study In Neuroscience (Prerequisite: Psychology 0067, Psychology 0122)		
Psychology	0396-7	Research Problems (Prerequisite: Psychology 0070, Psychology 0122, Psychology W123)		
Psychology	0398-9	Practicum I - II (Prerequisite: Junior/Senior Psychology Major)		

Optional courses for your consideration.

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Psychology	0004	Discovering Psychology	1	
Total			41-42	

Minor in Psychology

Effective Fall 2003, students in the College of Liberal Arts and in other colleges and schools may choose to minor in Psychology by fulfilling the following course requirements totaling 22 s.h. An overall Psychology G.P.A. of C or better is required. All course grades must be C- or better.

Minor in Psychology introduces the student to a representative array of Psychology courses, prepares the student for the minimal course requirements for acceptance to most Psychology graduate schools, and results in formal University recognition on the student's official transcript. Interested students should fill out a form of declaration at the Academic Advising, Sullivan Hall.

Course Requirements

Department	Course #	Course Name	Hours	RCI
Psychology	C060	Psychology as a Social Science	3	IN
Psychology	0070	Psychology as a Natural Science	3	
Psychology	C067	Foundation in Statistical Methods	3	QB
Psychology	0122	Inferential Methods in Psychology	3	
Psychology	W123	Scientific Thinking in Psychology	4	WI
Subtotal			16	

Foundation Courses

Department	Course #	Course Name	Hours	RCI
<i>Select One (1)</i>			3	
Psychology	0200	Developmental Psychology		
Psychology	0210	Foundations of Social Psychology		
Psychology	0215	Foundations of Industrial and Organizational Psychology		
Psychology	0220	Foundations of Psychopathology		
Psychology	0230	Foundations of Cognitive Psychology		
Psychology	0240	Foundations of Evolutionary and Comparative Psychology		
Psychology	0250	Foundations of Learning and Behavior Analysis		
Psychology	0260	Foundations of Behavioral Neuroscience		
Psychology	0265	Foundations of Cognitive Neuroscience		
Psychology	0280	Foundations of Sensation and Perception		
Subtotal			3	

Advanced Courses

Department	Course #	Course Name	Hours	RCI
<i>Select One (1)</i>			3	
Psychology	0301	Phases of Development: Infancy		
Psychology	0304	Personality, Social, and Emotional Development		
Psychology	0305	Cognitive and Language Development		
Psychology	0306	Neuroscience of Development and Aging		
Psychology	0307	Theories of Development		
Psychology	0311	Social Cognition		
Psychology	0312	Psychological Studies of Social Issues		
Psychology	0316	Survey Research		
Psychology	0317	Personnel Psychology		
Psychology	0318	Human Performance Improvement		
Psychology	0319	Computer Applications in Psychology		
Psychology	0321	Clinical Psychology: Research and Practice		
Psychology	0322	Psychoanalytic Theory		
Psychology	0323	Child Psychopathology and Treatment		
Psychology	0341	Neurobiology and Evolution of Social Behavior		
Psychology	0351	Direct Applications of Behavioral Principles		
Psychology	0352	Experimental Psychopathology		
Psychology	0361	Psychopharmacology		
Psychology	0366	Neurobiology of Learning and Memory		
Psychology	0381	Research Methods in Perceptions		
Psychology	0382	Visual Recognition		
Subtotal			3	
Total			22	

Cognitive Neuroscience Minor

Students in the College of Liberal Arts (including Psychology majors) as well as students in other colleges, schools and departments (e.g., Biology, HPERD, Business, Health Professions) may choose to minor in Cognitive Neuroscience. Course requirements listed on the following page total to a required 19 s.h. In order to be credited toward the minor, a grade of C- or better must be received in all courses with an average of C or better across all courses.

The last decade of the 20th century is designated as the "Decade of the Brain." Cognitive neuroscience is an emerging interdisciplinary field with a focus on a fundamental mystery of science: how the mind arises from the brain. We believe that undergraduates might find attractive the opportunity to take a group of courses that would qualify for a minor in this intellectually fascinating and rapidly emerging field. Some of these students may be Psychology majors, whereas others may be majoring in Biology (including premed), Anthropology, Philosophy, Communication Sciences, or Computer and Information Science. A minor Cognitive Neuroscience will strengthen the academic record of students who plan to apply for graduate programs. For example, in Psychology this minor will strengthen applicants' records for specializations such as Behavioral Neuroscience, Clinical Neuropsychology, Cognitive Psychology, or Psychophysiology. Students might also go into General Neuroscience or Cognitive Science. Premed students with a Cognitive Neuroscience minor would present distinctive profiles to medical school admissions offices.

A minor in Cognitive neuroscience results in formal University recognition on the student's official transcripts. Interested students should fill out a form of declaration at the Academic Advising Center, Sullivan Hall.

Cognitive Neuroscience Minor (6 courses)

Select three cognitive neuroscience elective courses from the following listing:

Department	Course #	Course Name	Hours	RCI
Psychology	0265	Foundations of Cognitive Neuroscience	3	
Psychology	0230	Foundations of Cognitive Psychology	3	
Comm Science	0235	Human Neuroscience	4	
Sub Total			10	

Select three cognitive neuroscience elective courses from the following listing:

Department	Course #	Course Name	Hours	RCI
Biology	0352	Neurobiology	3	
Philosophy	0144	Introduction to the Philosophy of the Mind	3	
Psychology	0394/0395	Independent Study in Neuroscience	1-4	
English	0111	Introduction to Linguistics or	3	
Comm Science	0108	Introduction to Linguistics	3	
Sub Total			10-13	
Total			20-23	

Course Requirements for Cognitive Neuroscience Minor

- Core Course:
 - Psychology 0265 Foundations of Cognitive Neuroscience (3 s.h.)
- Required Disciplinary Core Courses (7 s.h.)
 - Psychology 0230 Foundations of Cognitive Psychology (3 s.h.)
 - Prerequisite – Psychology 0070
 - Communication Sciences 0235 Human Neuroscience (4 s.h.)
- Elective Courses (choose three for 9 s.h.)
 - Biology 0352 Neurobiology
 - Prerequisite – Permission of Instructor
 - Biology 0356 Organization and Development of the Nervous System
 - Prerequisite – Biology 0204, or Permission of Instructor
 - English 0111/Com Sci 0108
Introduction to Linguistics
 - Philosophy 0144 Philosophy of Mind
 - Psychology 0394/0395 Independent Study in Neuroscience
 - Prerequisite – Psychology C067, 0122

RELIGION

Rebecca Alpert, Chair
ralpert@temple.edu
215-204-7973

Vasiliki Limberis, Undergraduate Chair and Faculty Advisor
Anderson 631
limberis@temple.edu.

215-204-8756
Anderson Hall, Room 615
215-204-7973

www.temple.edu/religion

Religion is a pervasive, powerful, multifaceted, and enduring dimension of human experience. Religions have shaped complex cultures and countless individual lives. They are influential in the world today and will continue to be so in the future. The academic study of religion is multidisciplinary, drawing upon approaches from history, literary studies, philosophy and the social sciences. It is multicultural, exploring the beliefs, practices and development of particular religious communities in many different cultures.

The concentrations within the major differ only in emphasis. Religion and Public Life prepares students for careers in law, public policy, human and social services, medicine and healthcare. Religions in a Global Context is of special value to those looking toward careers in the international area or involving religious diversity. Both concentrations are also excellent preparation for graduate work in religious studies, law, medicine, the humanities and the social sciences.

B.A. Requirements

Required of All Majors and Minors:

Department	Course #	Course Name	Hours	RCI
Select two of these of introductory courses below			6	
Religion	C050	Introduction to Asian Religions		IS
	C051	Introduction to Western Religion		IS
	C052	Religion in America		AC
	C053	Introduction to World Religions		IS

Additional Requirements of the Major (See concentrations below):

Department	Course #	Course Name	Hours	RCI
Religion		Seven Religion Courses, no more than 2 numbered below 100. (One of the eight courses may be outside the Religion Dept., if CLA credit is given for the course.)	21	
Religion	W370	Capstone Seminar in Religion*	3	WI
Total			30	

*Restricted to Religion majors only and minors with permission of instructor. Students must have completed at least 5 courses in the major prior to taking the capstone prerequisite. It will be offered only in Spring Semester, so students should plan accordingly.

Religion majors may select one of the two options for concentration.

Transfer students:

No more than five religion courses taken at other institutions may be accepted for the major. The Director of Undergraduate Studies must determine that these meet the standards of the Religion major.

Concentration I: Religion and Public Life

Provides opportunities to explore and examine in depth the various dimensions and issues of public life that stem from religious beliefs, behaviors and institutional legacies. By investigating the religious dimensions of a range of challenging issues, the student gains an awareness of the dilemmas and prospects religion offers to contemporary society.

Required: Seven of the following courses. No more than two numbered below 100.

Note: Courses numbered 0100-0199 deal with African and Asian religions.

Courses numbered 0200-0299 deal with Western religions.

Courses numbered 0300-0399 deal with religion and contemporary issues.

Department	Course #	Course Name	Hours	RCI
Religion	C054	Religion and Society		IN
Religion	C055	Racial Justice: A Religious Mandate for Obedience & Revolt		RS
Religion	C081	Religion and the Arts		AR
Religion	0151	Introduction to African-American Religion		
Religion	0158	African Religions and New World Culture		
Religion	0203	The Islamic State		
Religion	0205	Women in Islam		
Religion	0208	Islam in America		
Religion	0224	What is Judaism?		
Religion	0234	Judaism and Literature		
Religion	0253/W253	What is Christianity?		WI
Religion	0301	Women in Religion and Society		
Religion	0304	Earth Ethics		
Religion	0306	The Holocaust: Resistance and Response		
Religion	0307	Ethics of Human Institutions		
Religion	0326	Philosophy of Religion		
Religion	0341	Religion and Psychology		
Religion	W343	Death and Dying		WI
Religion	0350	Religion and Human Sexuality East and West		
Religion	0352	Religion and Bioethics		
Religion	0358	Cults and Sects		
Religion	0359	Religion and Science		
Subtotal			21	

Concentration II: Religion in a Global Context

Religion in a Global Context provides opportunities to explore and examine in depth a variety of religious traditions. While investigating the philosophies, practices, history, and cultural implications of those traditions, the student gains insight into religion as a cross-cultural dimension of human experience.

Required: Seven of the following courses. No more than two numbered below 100.

Note: Courses numbered 0100-0199 deal with African and Asian religions.

Courses numbered 0200-0299 deal with Western religions.

Courses numbered 0300-0399 deal with religion and contemporary issues.

Department	Course #	Course Name	Hours	RCI
Religion	0106/W106	Religions of India		WI
Religion	0115	Introduction to Zen Buddhism		
Religion	0116	Chinese Religions – Confucius to Mao		
Religion	0117	Yi Ching, Taoism and Zen		
Religion	0118	Chinese Buddhism		
Religion	0119	Japanese Religions		
Religion	0120	Japanese Buddhism		
Religion	0122/W122	Introduction to Buddhism		WI
Religion	0151	Introduction to African American Religion		
Religion	0157	Traditional Religions of Africa		
Religion	0158	African Religions and New World Culture		
Religion	0200/W200	Introduction to Islam		WI
Religion	0202	Religion in the Ancient Near East		
Religion	0205	Women in Islam		
Religion	0207	Islamic Mysticism		
Religion	0208	Islam in America		
Religion	0224	What is Judaism?		
Religion	W240	Introduction to the Bible		WI
Religion	0241	Introduction to New Testament		
Religion	0245	History of Christianity I		
Religion	0246	History of Christianity II		
Religion	0253/W253	What is Christianity?		WI
Religion	0256	Jesus in the Gospels		
Religion	0326	Philosophy of Religion		
Religion	0327	Comparative Philosophy of Religion		
Subtotal			21	

Minor Requirements

A minor in Religion has the same objectives and offers the same kinds of opportunities for learning as the major, in a program designed for students concentrating in another academic field. It consists of:

Department	Course #	Course Name	Hours	RCI
Religion		Two of the introductory Religion courses (see major)	6	
Religion		Four Religion courses (no more than one below 100)	12	
Total			18	

Note: While a concentration is not required for the minor, students may choose to concentrate in "Religion and Public Life" by taking Religion C052 and C053 and at least three upper-level Religion courses in that concentration, or in "Religion in the Global Context" by taking Religion C050 and C051 and at least three upper-level Religion courses in that concentration.

Distinction in Major in Religion:

For graduation with Distinction in Major, an overall GPA of 3.25 is required with 3.5 in Religion courses.

RUSSIAN

Maria Swiecicka-Ziemanek, Faculty Advisor

215-204-1768

mswiec@temple.edu

Anderson Hall, Room 532

215-2204-7260

Summary of General Requirements

Major in Russian

- Prerequisites: Russian 0051 and 0052 or equivalent placement with a minimum grade of C.
- Required courses: 10 courses from the Russian curriculum, including Russian C061 and 0062, Russian 0149 or 0150, W231 and 0232.
- Students who place out of C061 will need one additional elective; those who place out of 0062 will need two additional electives.

Department	Course #	Course Name	Hours	RCI
Russian	C061	Intermediate Russian I	3	LB
Russian	0062	Intermediate Russian II	3	
Russian	0149	19th Century Slavic Literature in English	3	
Russian	0150	Modern Slavic Literature in English	3	
Russian	W231	Composition and Conversation	3	*WI
Russian	0232	Culture and Civilization	3	
Russian		4 additional courses in Russian **	12	
Total			30	

*Indicates writing capstone for the major

**Up to two upper level courses outside of the department will count as electives if they relate to the major as approved by the department advisor.

Minor in Russian

- Prerequisites: Russian 0051 and 0052 or equivalent placement with a minimum grade of C.
- Required courses: 6 courses from the Russian curriculum, including Russian 0149 or 0150.

Department	Course #	Course Name	Hours	RCI
Russian	C061	Intermediate Russian I	3	LB
Russian	0062	Intermediate Russian II	3	
Russian	0149	19th Century Slavic Literature in English	3	
Russian	0150	Modern Slavic Literature in English	3	
Russian	W231	Composition and Conversation	3	WI
Russian	0232	Culture and Civilization	3	
Total			18	

Requirements for the Special Foreign Language Certificate in Russian

- Prerequisites: None.
- Required courses: 20 credit hours in the sequence listed below. Students may choose either Russian W231, or 0232 or an upper level course approved by the Russian advisor.

Department	Course #	Course Name	Hours	RCI
Russian	0051	Beginning Russian I	4	LA
Russian	0052	Beginning Russian II	4	LA
Russian	C061	Intermediate Russian I	3	LB
Russian	0062	Intermediate Russian II	3	
Russian	0120	Russian for Business and Travel	3	
Russian	W231	Composition and Conversation	3	WI
Russian	0232	Culture and Civilization	3	
Total			23	

Note: If students test out of Russian 0051-0052, C061-0062, they are expected to take courses on the 0100, 0200, or 300 level to equal a minimum of the total number of credits required.

Distinction in Major

To be considered for Distinction in Major, students must:

- Complete the requirements for the concentration in Russian with a GPA of at least 3.50;
- Be recommended to the Chair of the department by the Russian faculty advisor;
- Have an overall GPA of at least 3.25.

SOCIOLOGY

Julia Ericksen, Chair

julia.ericksen@temple.edu

215-204-7763

Gretchen Condran, Undergraduate Chair

gcondran@temple.edu

215-204-1452

www.temple.edu/sochealth

Wendy Massias, Undergraduate Secretary

Department of Sociology

wenmas@temple.edu

215-204-1494

713 Gladfelter Hall

215-204-7760

www.temple.edu/sociology

Bachelor of Arts

Undergraduate majors can complete the general Major in Sociology or specialize in the Health Track in Sociology. The sociology department offers three programs for non-majors: a minor in sociology, a minor in the sociology of health and a certificate in health research.

Sociology is the study of human behavior in the context of the groups, organizations, institutions and societies in which it occurs. The sociology department offers courses covering a wide range of topics including: contemporary social issues, race and racism, sexuality and gender, health and health care, education, urban life, organizations, family, political life, law, international development and globalization. The sociological perspective pays close attention to diversity in culture, values and human experience.

Majoring in sociology prepares students for many careers and graduate programs by providing both a broad sociological perspective and specific research, statistical and analytic skills. Students gain experience in fieldwork; interviewing; developing, administering and analyzing surveys; statistical analysis; and writing research reports. Sociology provides an excellent background for students planning to begin their careers upon graduation as well as those planning to pursue graduate education. Recent graduates have gone to work and graduate school in the areas of law, medicine, business, non-profits, community planning, social work, market research and education.

Students who are interested in a career in the health field can pursue a special sociology major focused on health related course work. The Health Track in Sociology prepares students for graduate studies in leading medical, dental, nursing, public health and physical and occupational therapy programs as well as graduate programs in sociology and related fields. While acquiring the analytic and research skills of the general sociology major, those in the health track have opportunities to participate in specially designed health internships while studying important issues surrounding health and health care.

Student Organizations

Sociology majors are invited to participate in the Sociology Undergraduate Majors and Minors Association (SUMMA) which hosts academic and social events throughout the year. The department sponsors the Annual Student Research Conference in which students can present their work.

Awards

Awards available to sociology majors include the Othella Vaughn Award, Robert K. Merton Award and the Sociology Prize.

Distinction in Major

To receive Distinction in the Major, a student must have a minimum grade point average of 3.5 in all sociology courses and a minimum overall grade point average of 3.25.

Summary of Requirements for the Major in Sociology

- The major requires a minimum of eleven sociology courses including a sequence of research methods courses, a sociological theory course, the writing capstone and six electives at various levels.
- Students must take two social science courses at the 100 level or above selected from a department other than sociology.

Requirements for the Major in Sociology

Required Courses

Department	Course #	Course Name	Hours	RCI
Sociology		Prerequisite for courses at the below the 200 level and above ¹ One course below	3	
Sociology	C201	Statistical Methods in Sociology ²	4	QB
Sociology	0260	Research Design and Methods ²	4	
Sociology	0241	Development of Sociological Thought	3	
Sociology	W380	Sociology in the Real World	3	WI*
Sociology	0301	Doing Sociological Fieldwork ³	4	
		or		
	0302	Data Analysis ³		
SubTotal			21	

* Indicates writing capstone for major

¹ Students may use core courses to fulfill this requirement.

² Students must take 0201 prior to or concurrently with 260.

³ Students must complete 0201 and 0260 before taking either of the advanced methods courses, 0301 or 0302.

Sociology Electives

Department	Course #	Course Name	Hours	RCI
Sociology		One course at any level ¹	3	
Sociology		One course at the 100 level or above	3	
Sociology		Three courses at the 200 level or above	9	
Subtotal			15	

Other Requirements

Department	Course #	Course Name	Hours	RCI
Social Science ²	Electives	Two courses at the 100 level or above	6	
Subtotal			6	

Major Total

42

¹ Students may use core courses to fulfill this requirement.

² African American Studies, Anthropology, American Studies, Asian Studies, Criminal Justice, Economics, Environmental Studies, Geography and Urban Studies, History, Jewish Studies, Latin American Studies, Organizational Studies, Political Science, Psychology, Women's Studies.

Summary of Requirements for the Health Track in Sociology

- The health track in sociology requires a minimum of eleven sociology courses including a sequence of research methods courses, a sociological theory course, the writing capstone, three designated health related electives and two additional electives.
- Students must take two designated health related courses from outside the Sociology Department.
- Students in the health track must complete at least three sociology electives designated as health related.

Requirements for the Health Track in Sociology

Required Courses

Department	Course #	Course Name	Hours	RCI
Sociology		Prerequisite for courses at the 200 level and above ¹ One course below the 200 level except Sociology C067	3	
Sociology	C201	Statistical Methods in Sociology ² and	4	QB
	0260	Statistical Methods in Sociology ²	4	
Sociology	0241	Development of Sociological Thought	3	
Sociology	W380	Sociology in the Real World ³	3	WI*
Sociology	0301	Doing Sociological Fieldwork ⁴	4	
		or		
	0302	Data Analysis ⁴		
SubTotal			21	

¹ Students may use core courses to fulfill this requirement.

² Students must take 0201 prior to or concurrently with 0260.

³ Sociology 0380 is a health related course for students in the health track.

⁴ Students must complete 0201 and 0260 before taking either of the advanced methods courses, 0301 or 0302.

Electives

Department	Course #	Course Name	Hours	RCI
Sociology		One course at any level ¹	3	
Sociology		One course at the 100 level or above. Health related courses at the 100 level include: Health and Disease in American Society	3	
	0152	Sociology of Aging		
	0153	Human Sexuality		
	0182			
Three courses at the 200 level or above. Health related courses at the 200 level include:				
Sociology	W209	Introduction to Population Studies: Demography	9-10	WI
	0246	Sexuality and Gender		
	W248	Sociology of Organizations		WI
	0259	Health and Reproduction		
	0295	Internship in Sociology ²		
SubTotal			15-16	

Department	Course #	Course Name	Hours	RCI
Health related Electives – <i>Select two</i>				
Anthropology	0163	Human Population Genetics		
	0212	Medical Anthropology		
Criminal Justice	0320	Medical Disorders and Criminal Law		
Economics	0262	Health Economics		
Geography and Urban Studies	0273	Drugs in Urban Society		
Health Information Management	0003	Medical Terminology		
Healthcare Management	0141	U. S. Health Care System		
History	0101	Introduction to Healthcare Management		IN
	0274	History of American Science		
	0370/W370	Social History of American Medicine		WI
Philosophy	C077	Science in Context		SB
	0216	Philosophy of Science		
	0249	Ethics in Medicine		
Political Science	0155	Health Policy		
Public Health	C089	International Health		IS
Psychology		Courses at the 100 level or above		
Religion	W343	Death and Dying		WI
	0352	Religion and Bioethics		
SubTotal			6	

Major Total 42-43

¹ Students may use core courses to fulfill this requirement.

² In order to fulfill the health related course requirement, the internship must have a health focus.

Summary of Requirements for the Minor in Sociology

The minor in the sociology of health requires a minimum of six courses, including courses on diversity and health. This program is not open to students majoring in sociology or the Health track in Sociology.

Requirements for the Minor in Sociology

Required Courses

Department	Course #	Course Name	Hours	RCI
Sociology		Prerequisite for courses at the 200 level and above ¹	3	
		One course below the 200 level except Sociology C067		
Sociology		One course at any level	3	
Sociology		One course at the 100 level or above	3	
Sociology		Three courses at the 200 level or above	9	
Minor Total			18	

¹ Students may use core courses to fulfill this requirement.

Summary of Requirements for the Minor in Sociology of Health

The minor in the sociology of health requires a minimum of six courses, including courses on diversity and health. This program is not open to students majoring in sociology or the Health track in Sociology.

Requirements for the Minor in Sociology of Health

Required Courses

Department	Course #	Course Name	Hours	RCI
Sociology		Prerequisite for courses at the 200 level and above ¹	3	
		One course below the 200 level except Sociology C067		
Diversity focus – <i>Select one</i>				
Sociology	X059	The Sociology of Race and Racism	3	XN
	X064	American Ethnicity		XC
	C081	Men and Women in American Society		AC
	0128	Men and Masculinity		
	R279	Racial and Ethnic Stratification		RS
	0258	Women and Work		
	0280	Constructing Race and Ethnicity		
Health related courses – <i>Select three</i>				
Sociology	0152	Health and Disease in American Society	3-4	
	0153	Sociology of Aging		
	0182	Human Sexuality		
	W209	Introduction to Population Studies: Demography		
	0246	Sexuality and Gender		WI
	W248	Sociology of Organizations		
	0259	Health and Reproduction		WI
	0295	Internship in Sociology ²		
Sociology		One course at 100 level or above	3	
Minor Total			18-19	

Summary of Requirements for the Certificate in Health Research

The certificate in health research requires five courses, including a health related sequence and research methods. This program is not open to Sociology majors or Health Track in Sociology majors.

Requirements for the Certificate in Health Research

Required Courses

Department	Course #	Course Name	Hours	RCI
Sociology	0152	Health and Disease in American Society	3	
Sociology	C201	Statistical Methods ²	8	QB
		and		
	0260	Research Design and Methods ²		
Sociology	0301	Doing Sociological Fieldwork ³	4	
		or		
	0302	Data Analysis ³		
		or		
	0295	Internship in Sociology ³		
Health related courses – <i>Select one</i>				
Sociology	0153	Sociology of Aging	3	
	0182	Human Sexuality		
	W209	Introduction to Population Studies: Demography		WI
	0246	Sexuality and Gender		
	W248	Sociology of Organizations		
	0259	Health and Reproduction		WI
Certificate Total			21	

¹ Students may use core courses to fulfill this requirement.

² Students must take 0201 prior to or concurrently with 0260.

³ Students must complete 0201 and 0260 before taking either of the advanced methods courses, 0301 or 0302. Certificate students may substitute 0295 for the advanced methods courses, but must still have completed 0201 and 0260 before taking 0295. In order to fulfill the methods requirement, the internship must have a health research focus.

SPANISH AND PORTUGUESE

Jonathan Holmquist, Chair
427 Anderson Hall
215-204-1710

jonathan.holmquist@temple.edu

Hiram Aldarondo, Undergraduate Advisor and Undergraduate Committee Chair
436 Anderson Hall
215-204-6035

hiram.aldarondo@temple.edu

Anderson Hall, 4th Floor
215-204-8285

www.temple.edu/spanpor

The Department of Spanish and Portuguese provides instruction in the Spanish and Portuguese languages as well as the cultures, literatures, and linguistics of these languages. It also provides specialized instruction in Business and Medical Spanish and Spanish translation skills.

Coursework in Spanish or Portuguese develops proficiency in the four basic skills: speaking, listening, reading, and writing. Opportunities are also available for the in-depth study of Hispanic and Luso-Brazilian culture through film, art, and literature. Students may participate in special programs, including an intensive immersion program in Spanish and Latin American Studies; Service Learning and Internships in areas of business, social service, and education in Philadelphia; and summer programs in Spain and Brazil. Temple's new computer language center, also known as the Special Learning Environment for the Foreign Languages, is available to students of all proficiency levels.

Active Spanish and Portuguese student associations thrive in the department. Each spring outstanding students are recognized in the initiation ceremony for Sigma Delta Pi, the National Hispanic Honor Society.

Graduates of the Department of Spanish and Portuguese find careers in a wide range of areas, including education, business, government and social service, and travel and tourism.

Requirements for the Major (Minor, Certificate, Concentration)

Students selecting the Spanish major must achieve competence in Spanish language skills in conjunction with qualifications outlined in Major Options I, II, or III listed below. Spanish W215 (the capstone course) is a requirement of all majors, and a prerequisite for all 0300-level courses. Spanish W102 (Composition and Conversation), or permission of the instructor, is a prerequisite for most 200-level courses.

Major Option I: (Language, Literature and/or Linguistics)

This option is designed for students who wish to develop advanced language skills in the study of (1) Latin American Literature, (2) Peninsular Literature, and/or (3) Linguistics. A total of 10 courses is required.

Department	Course #	Course Name	Hours	RCI
Spanish	C061	Prerequisite		

Department	Course #	Course Name	Hours	RCI
Spanish	100 level	A maximum of two electives may be selected	0-6	
Spanish	W102	Composition and Conversation (pre-requisite for most 200-level courses)	3	WI
Spanish	200 level	A maximum of three electives may be at the 200 level**	0-9	
Spanish	300 level	A minimum of three must be selected.	9	
Spanish	W215	Advanced Writing Skills	3	WI*
Total			30	

* Indicates capstone for the major

** A maximum of seven required and elective courses may be selected at the 100 and 200 levels, depending on proficiency.

Major Option II: Language and Professional Studies

This option is designed for students who wish to develop language and professional skills as well as an awareness of Hispanic culture. A total of 10 courses is required.

Department	Course #	Course Name	Hours	RCI
Spanish	W102	Composition and Conversation (or elective)**	3	WI
Spanish	100 level	A maximum of two elective courses may be selected at this level	0-6	
Spanish	200-300 level	Three Business/Translation courses	9	
Spanish	W215	Advanced Writing Skills	3	WI*
Spanish	0240	Introduction to Spanish American Literature or	3	
Spanish	0241	Introduction to Spanish Literature		
Spanish	300 level	A minimum of two must be selected.	6	
Total			30	

* Indicates capstone for the major

** The level of required and elective courses may vary according to proficiency.

Note: Up to two Portuguese courses may be taken in place of two Spanish 100-200-level courses.

Major Option III: Spanish for Education

This option includes the Spanish-language courses required for certification in Spanish for Secondary Education in the School of Education at Temple, and satisfies the requirements for the Spanish major in the College of Liberal Arts. A total of 10 courses are required.

Department	Course #	Course Name	Hours	RCI
Two courses in Composition and Conversation			6	
Spanish	0101	Conversational Review		
Spanish	W102	Comp & Conversation		
Spanish	0103	Hispanic Readings		
Spanish	0104	Advanced Grammar and Linguistics Concepts		
Spanish	0076	Intensive Practice in 4 Skills		
Spanish	0176	Intensive Practice in 4 Skills		
Spanish	0209	Advanced Skills-Spanish Speakers		
Spanish	0211	Hispanic Readings II		
One Culture and Civilization Course			3	
Spanish	0213	Contemporary Spain Through Film		
Spanish	0230	Spanish American Culture and Civilization		
Spanish	0231	Hispanic Mind		
Spanish	0235	Spanish Culture and Civilization		
One Linguistics Course			3	
Spanish	0330	Spanish Phonetics		
Spanish	0331	Grammar Structures of Spanish I		
Spanish	0332	Grammar Structures of Spanish II		
Spanish	0333	Spanish Applied Linguistics		
Spanish	0334	History of Spanish Language		
Spanish	0335	Spanish Sociolinguistics		
One Contemporary Literature			3	
Spanish	0322	20th Century Puerto Rican Authors		
Spanish	0342	Spanish-American Short Story		
Spanish	0345	Nationalist Literature of Spanish-Americans		
Spanish	0346	Latin American Poetry		
Spanish	0351	Latin American Literature of Social Conflict		
Spanish	0371	Contemporary Spanish Novel		
Spanish	0374	Contemporary Spanish Poetry		
Spanish	0375	Contemporary Spanish Issues		
One additional Literature Course			3	
Spanish	0240	Intro to Spanish American Literature		
Spanish	0241	Intro to Spanish Literature		
Spanish	0300	The Art of Translation		
Spanish	0361	Survey of Spanish Literature II		
Spanish	0365	Cervantes Don Quixote		
Spanish	0377	Hispanic Literature through Art or one additional contemporary literature course from the above list		
Spanish		Three electives (Spanish C061 may be taken as one of these)	9	
Spanish	W215	Advanced Writing Skills	3	WI*
Total			30	

* Indicates capstone for the major

** In order to complete the 10-course requirement, students must add additional courses at the 200 or 300 levels, depending on proficiency.

***Note: Spanish W102 is a prerequisite for many Spanish courses at the advanced levels.

Distinction in Spanish

Distinction in Spanish is awarded to majors who graduate with a 3.75 in their Spanish courses and an overall GPA of at least 3.25.

Minor in Spanish

A total of six courses are required.

Department	Course #	Course Name	Hours	RCI
Spanish	C061	Intermediate I (or equivalent) prerequisite	0-3	LB
Spanish	100 level	A maximum of three courses.	0-9	
Spanish	200 level	Minor may completed with 200 level courses*	0-18	
Spanish	300 level	All literature and linguistics courses may be used to satisfy the minor*	0-18	
Total			18	

* Depending on level of proficiency.

Minor in Portuguese

Department	Course #	Course Name	Hours	RCI
Portuguese	0051	Elements of Portuguese I*	4	LA
Portuguese	0052	Elements of Portuguese II*	4	LA
Portuguese	200/300 level	Select courses from the 200 and 300 level, with a minimum of two 300-level courses	6-12	
Total			18	

* Students may substitute intermediate or advanced level courses for the beginning 0051 and 0052.

Certificate of Specialization in Multilingual Business and Government Studies

The Department offers a 54-hour program leading to a B.A. degree with an additional specialization in Multilingual Business and Government Studies. The program is designed for students who plan careers as interpreters and translators, employment in government agencies, or a career in business with firms that have import/export activities in Latin America. It consists of courses in the Spanish language, Business Spanish, Translation Skills, Business Administration and Economics, Political Science, and Latin American Studies.

The program is open to all students; applicants need not be Spanish majors and no background in business subjects is required. While these courses are normally taken within the 123 hours required for the B.A. degree in the College of Liberal Arts, the program is open to students in all colleges of the university. Students from most colleges who have the proper background can usually complete the program with careful schedule planning and use of electives.

A cumulative university GPA of 2.80 must be maintained. A maximum of 20 hours of transfer equivalency will be accepted. Students interested in the program should contact the Director of the Multilingual Business and Government Studies Program in the Spanish and Portuguese Department, 4th Floor, Anderson Hall (215-204-1706).

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information.)

Certificate of Specialization in Spanish

A Certificate of Specialization in Spanish is also available. The certificate requires completion of six courses, beginning with Basic Spanish and advancing to more specialized study of Spanish designed to enhance career opportunities in business, communication, government and social service. See your advisor or contact the department for more information.

Certificate of Specialization in Spanish and Latin American Studies for Business

This interdisciplinary certificate is designed to allow Temple students in business-related programs to develop skills and knowledge in two complementary areas so that they may compete more successfully in this growing job market.

Course Requirements for the Business Certificate:

Department	Course #	Course Name	Hours	RCI
Select three of the following courses:			9-11	
Spanish	0051	Basic I		LA
	0052	Basic II		LA
	C061	Intermediate I		LB
	0101	Conversational Review		
	W102	Composition and Conversation		WI
	0103	Hispanic Readings		
	0104	Advanced Grammar		
	0209	Advanced Spanish for Spanish Speakers		
	0211	Hispanic Readings II		
	0076/0176	Intensive Practice/Advanced Intensive Practice in the Four Skills Note: Students participating in LASS 0076 must also complete Spanish 0103		

Select one course in Spanish for Business Professions:			3	
	0216	Spanish for Business Professions		
	0220	Business Spanish I		
	0221	Business Spanish II		
	0222	Business Spanish III		

Two courses in Latin American Studies:				
LASS	C050	Perspectives on Latin America and Latin America Through Film and Fiction**	6	
	0100			

Select one of the following:				
LASS	W138	Topics in Latino Studies or Puerto Ricans in Philadelphia	3	WI
	0148			

Total			18-20	
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** LASS is an integration of several courses totaling 15 s.h. 9 credits are assigned to language instruction, 6 credits to culture and society, taught under LAS 100. All instruction in LASS is in Spanish.

Certificate of Specialization in Spanish and Latino Studies for the Health and Human Services Professions

The combination of courses in this certificate program is designed to make participants especially qualified to provide health and human services to members of the Latino community.

Course Requirements for the Health and Human Services Certificate:

Department	Course #	Course Name	Hours	RCI
Three of the following courses:			9-11	
Spanish	0051	Basic I		LA
	0052	Basic II		LA
	C061	Intermediate I		LB
	0101	Conversational Review		
	W102	Composition and Conversation		WI
	0103	Hispanic Readings		
	0076/0176	Intensive Practice (LASS)*		
	0209	Spanish for Spanish Speakers		
Two courses in Latin American Studies:				
LAS	C050	Perspectives on Latin America and Latin America Through Film and Fiction**	6	
	0100			
Select one of the following:				
LAS	W138	Topics in Latino Studies or Puerto Ricans in Philadelphia	3	WI
	0148			
Total			18-20	

Latin American Studies Semester Certificate and Program

Each Spring Semester the Spanish and Portuguese Department in conjunction with the Latin American Studies Center offers a 15-subject-hour immersion program in Latin American Studies and Spanish. The Program (LASS) combines nine hours of intensive Spanish with six hours of study focusing on geography, history and culture in Latin America, and includes a two week trip to Mexico. Successful completion of the Program is awarded with a certificate of participation.

Applications for LASS are received during October and November for the following spring. For information contact the Director of Latin American Studies (215-204-7527) or the Chair of Spanish and Portuguese (215-204-8285).

Summer Abroad in Spain: Spanish Language and Culture

Temple University's summer program in Oviedo, Spain provides students with the opportunity to learn the Spanish language while being immersed in that country's unique and diverse culture. The duration of the program is five weeks; students may enroll for a total of six credits. For further information, contact the Department of Spanish and Portuguese or the Office of International Programs.

Summer Abroad in Brazil: Portuguese Language and Brazilian Culture

Temple University offers a six-week summer program in Salvador, Bahia, Brazil; students may enroll for a total of six credits. The program offers Portuguese language studied both at the elementary and more advanced levels. It also offers an intensive examination of culture in the state of Bahia; this aspect of the program focuses on history, politics, music and dance, and it spotlights African origins and Afro-Brazilian influences on regional culture. For further information, contact the Department of Spanish and Portuguese or the Office of International Programs.

Junior Year and/or Summer School Abroad

Students declaring a concentration in the department may, under certain conditions, spend their junior year studying abroad. Application for permission to study abroad may be made during the second semester of the sophomore year. Only well-qualified students may be granted credit from Temple University after submitting proper credentials for established foreign study programs at institutions approved by the department. Students interested in a junior year abroad, or a summer school abroad, should discuss their plans early with their faculty advisor and the chair of the department.

Service Learning and Internships

Students of Spanish and Portuguese may participate in courses providing service learning opportunities through project SHINE (Students Helping in the Naturalization of Elders) as a part of their coursework. For students of Business Spanish, service learning opportunities are available through the Small Business Development Center at Temple. Spanish majors are encouraged to participate in a Spanish internship combining study and work opportunities in a variety of contexts in the Philadelphia area.



WOMEN'S STUDIES

Patricia Melzer, Director and Advising Coordinator

816 Anderson Hall

215-204-6953

pmelzer@temple.edu

811 Anderson Hall

215-204-6954

www.temple.edu/womenstu

Women's Studies offers a cohesive framework of inquiry for the examination of women, gender, and sexuality in the U.S. and around the world, as they relate to other social categories, such as race, class, disability, nationality, and ethnicity. As an interdisciplinary field, Women's Studies takes into account social, historical, and cultural variables in its study of women's material and cultural experiences as a social group; the examination of the workings of gender, as an analytical category, identity, and a social force; and the social, political, and cultural functioning of sexuality. Women's Studies also seeks to transform traditional fields of study by incorporating new methodologies, data, theories, and frameworks developed by feminist scholars.

Temple University's Women's Studies Program is part of the College of Liberal Arts. It offers an undergraduate major and minor, as well as a certificate for students outside the College of Liberal Arts. In preparation for graduate school, Women's Studies majors have the opportunity to graduate with distinction in the major after completing an honors thesis.

The Women's Studies Program offers students the opportunity to study women, gender, and sexuality through an interdisciplinary curriculum taught by faculty from various departments across the university. Students learn to apply the methods and theories of social scientists, historians, philosophers, literary critics, etc., to the study of women's experiences, as well as gender and sexual identities. They explore a growing body of feminist theories that revise our understanding of gender, society, and culture. We encourage students not only to understand intellectually the importance of class, race, sexuality, physical ability, and gender to people's lives, but also to learn actively through fieldwork (community internship) about ongoing movements for social change. After graduation, Women's Studies students enter professional schools in law, medicine and business, take graduate degrees in women's studies, the humanities and social sciences, and pursue careers in health, counseling, teaching, and public advocacy.

Major Requirements

Twelve courses are required for the major.

Department	Course #	Course Name	Hours	RCI
One to three lower level courses (choose from the following courses) A maximum of three of these courses may count towards the major.			3-9	
Women's Studies	C051 or X051	Introduction to Women's Studies X051 also WI		IN
Women's Studies	C065	Gender and History		IS
Women's Studies	C076 or X076	American Women's Lives X076 also WI		AC
Women's Studies	C080	International Women's Writing		IS
Women's Studies	C081 or X081	Men and Women in American Society X081 also WI		AC
Women's Studies	0083	The Psychology of Women	3	

One required core course

Department	Course #	Course Name	Hours	RCI
Women's Studies	0100	Essential Issues in Women's Studies	3	

Six to eight upper level electives (over 100)

Department	Course #	Course Name	Hours	RCI
Women's Studies		Six to eight upper level electives (over 100)	18-24	

Among those courses, majors must take two designated upper level courses designed for students to learn how to write a research paper. Majors will also be permitted to take two of these six to eight courses outside Women's Studies (courses that are not cross listed) with permission of the advising coordinator. These courses must support the student's academic or professional growth in conjunction with the major (e.g. a research methods course in another discipline for which the student will write on a subject related to gender or courses taken in a study abroad program). For examples of upper level electives, see below.

Minor Requirements

Seven courses are required for the minor.

Department	Course #	Course Name	Hours	RCI
Women's Studies	Electives	Six electives in Women's Studies. At least three of these six are at the upper level (above 100). See major requirements for examples.	21	
Women's Studies	0100	Essential Issues in Women's Studies	3	

The final requirement for the major is a two course sequence

This sequence should be taken during the major's last three semesters of enrollment. Students will select a field assignment with the assistance of the advising coordinator.

Department	Course #	Course Name	Hours	RCI
Women's Studies	0299	Field Work in Women's Studies	3	
Women's Studies	W300	Research Seminar* (Capstone Course)	3	WI

Six electives in Women's Studies.

At least three of these six are at the upper level (above 100). See major requirements for examples.

Certificate of Specialization

Designed for students outside the College of Liberal Arts who want to pursue a Women's Studies oriented career.

Four courses are required for the certificate of specialization.

Required courses

Department	Course #	Course Name	Hours	RCI
Women's Studies	C051 or X051	Introduction to Women's Studies X051 also WI	3	IN
Women's Studies	0299	Field Work in Women's Studies	3	
		Two electives in Women's Studies. At least one of these two courses is at or above the 0100 level. See major requirements for examples.	6	

Distinction in Major

Women's Studies students may graduate with a distinction in the major if they have a GPA of 3.5 or better in the major, a cumulative GPA of 3.0 or better, and successfully complete an honors thesis (minimum three credits) under the supervision of a faculty member from Women's Studies.

FOUNDED: 1962

Robert T. Stroker, Dean
2001 N. 13th Street
Philadelphia, PA 19122
215-204-8301
www.temple.edu/boyer
music@temple.edu

Information for Music is followed by
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MUSIC

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
Hours = credit hours
RCI = Required Core Indicator

MISSION

The Boyer College of Music and Dance is committed to nurturing and advancing music as a form of human expression, as an art, and as a subject for intellectual inquiry. Recognizing that music possesses unique powers – to move the spirit, to excite the mind, to reveal the past, to chart the future, to instruct, to heal, and to foster communication – the College seeks to perpetuate music in its myriad forms through creative and scholarly work, teaching, and service, according to the highest artistic and academic standards.

As an integral part of Temple University, the Boyer College shares the ideals of Russell Conwell upon which Temple was founded: to recognize talent and personal potential wherever they may be found; to provide educational opportunities for meritorious students of limited financial means; and to serve as a constructive presence in the wider Philadelphia community.

In carrying out its mission, the Boyer College seeks both to continue the long tradition of artistry and scholarship that we have inherited and to develop new insights, perspectives, and practices. This dual objective – to explore both past and future, old and new – should be reflected broadly in the life of the College: in curricula and instruction; institutional policy; professional activities of faculty; advisement of students; and musical performances.

For the art of music to remain vital, our culture must develop both highly trained, professional musicians and informed, perceptive listeners. Accordingly, the College recognizes its responsibility to administer professional education to the student seeking a career in music, provide opportunities for the general University student to study and experience music, and share its musical life with the public.

The Boyer College provides a distinctive union of the best conservatory-type training with intense academically oriented classroom teaching. Coupled with the performance opportunities of the University and the culturally rich Philadelphia area, the Boyer College offers students the competitive edge in complete, comprehensive musical preparation. Many programs throughout the University offer minors. Students who wish to pursue a minor outside of music should contact the appropriate department.

ACCREDITATION

National Association of Schools of Music, Middle States Association, National Council for Accreditation of Teacher Education, Pennsylvania Department of Education, and American Music Therapy Association.

ADMISSIONS

Entrance Requirements

The following requirements for admission to the College are to be considered minimal. Applicants who pass the following examinations may be recommended to the Director of Admissions as eligible for admission to the College. In addition, candidates must meet general requirements set by the Office of Undergraduate Admissions.

Undergraduate Music Entrance Examinations

An audition in the major performing medium and a series of tests must be completed before an applicant can be accepted into the Boyer College of Music and Dance. **After submitting the application, the applicant is responsible for scheduling the test dates that are most convenient.** This may be done by writing or calling the Office of the Dean, Boyer College of Music and Dance, Temple University, Philadelphia, PA 19122; 215-204-8301. The requirements for these tests are listed in this section. Entrance examinations are given in the Boyer College, Presser Hall, which is located on the northeast corner of 13th and Norris Streets.

The freshman and transfer application deadline is **March 1st**, with the priority scholarship auditions taking place in January and February. Applicants for admission to the spring semester must take the tests in December and applications must be received no later than November 1st. Contact the Boyer College of Music and Dance at 215-204-8301 or access the Web site at www.temple.edu/boyer for specific audition dates.

If the applicant is unable to be present because of distance, a national or a taped audition may be acceptable. National auditions are scheduled in several U.S. cities. Please refer to the Boyer College Web site www.temple.edu/boyer or contact the Boyer College for specific cities and dates. **All students wishing to schedule a national audition must have a completed application on file with the Office of Undergraduate Admission by December 1st.** Tapes should be sent to Ms. Linda White, Director of Music Admissions, Boyer College of Music and Dance, Presser Hall, Temple University, Philadelphia, PA 19122. Students must have an application on file before audition tapes are reviewed.

Prospective composition majors should submit several representative scores at the time of their audition.

Prospective theory majors should arrange for an interview with the chair of the Theory Department.

Music Entrance Examinations

The examinations are given to all entering freshmen and transfer students planning to pursue any of the various music curricula at Temple University. The primary objective of the tests is to determine potential and achievement in music. Students will be tested on fundamentals (scales, key signatures, intervals, triads, etc.) and ability to read and notate music; these exams are used primarily for placement but are sometimes considered in the admission process.

Transfer Credits

In addition to the University's statement regarding transfer credit (see **Undergraduate Admissions**), the Boyer College of Music and Dance will, during New Student Orientation, determine all transferred music credits, through placement exams. Where deemed necessary, students may be tested in music theory, music history, and secondary piano. Tests in other music areas may be arranged through individual departments.

Audition Requirements

Classical Guitar

Guitar Performance and Concentration

Bachelor of Music in Classical Guitar Performance

Bachelor of Music in Music Education

Bachelor of Music in Theory****

Bachelor of Music in Composition*

Bachelor of Music in Music History

Bachelor of Music in Music Therapy

All auditions must be taken on a classical guitar using classical technique.

Technique: Scales and arpeggios; an étude by Fernando Sor or equivalent.

Repertoire: A work from the 17th or 18th century; and a work from the late 19th or 20th century. These works must be performed from memory.

Harp

Harp Performance

Bachelor of Music in Harp Performance

Two contrasting movements of a sonata, concerto, or other solo work, two contrasting études, and orchestral excerpts

Harp Concentration

Bachelor of Music in Music Education

Bachelor of Music in Theory****

Bachelor of Music in Composition*

Bachelor of Music in Music History

Bachelor of Music in Music Therapy

A representative solo work and two contrasting études.

Jazz Studies Major

Jazz Instrumental Performance Major

Bachelor of Music in Jazz Performance

Technique: Scales-major and minor (harmonic and melodic).

Arpeggios triad and seventh chord, two octaves (piano four octaves).

Repertoire:

1. Perform *Bags Groove* and two additional tunes from *The Standards Real Book*, Sher Music Company (www.shermusic.com). One selection must be a twelve-bar blues form. All selections must be performed from memory. Candidates are expected to improvise on each selection.

2. Players of chord instruments are required to accompany in various styles: jazz, Latin, jazz waltz, etc.

3. Sight reading in the jazz idiom. Players of chord instruments are expected to sight read both melody and accompaniment.

4. Submit videotapes only. No audio tapes or DVD's will be accepted. Videotape auditions must include all of the components listed above. The sight reading component must be replaced with an étude (either traditional or jazz).

Jazz Instrumental Concentration

Bachelor of Music in Jazz

Arranging/Composition**

Bachelor of Music in Music Education/

Jazz Studies Component***

Bachelor of Music in Music

Therapy/Jazz

Follow all audition requirements for Jazz Instrumental Performance selecting *Bags Groove* one additional selection from *The Standards Real Book*, Sher Music Company.

Jazz Percussion (Performance and/or Concentration)

Bachelor of Music in Jazz Performance

Bachelor of Music in Jazz

Arranging/Composition**

Bachelor of Music in Music

Education/Jazz Studies

Component***

Bachelor of Music in Music

Therapy/Jazz

Please call the Boyer College of Music and Dance at 215-204-8301 to request a drum packet with audition repertoire. Detailed requirements are listed on the Boyer Web site at www.temple.edu/boyer/admissions/music/undergraduate/requirements.htm.

Jazz Vocal Performance

Bachelor of Music in Jazz Voice

Performance

Technique: Scales, major and minor (harmonic) using solfege syllables, one octave.

Repertoire:

1. Prepare #94, 100, 105, 188, 344, 349, 381, 387, 390 from *Melodia: A Comprehensive Course in Sight-Singing*, (Presser Music Company) with solfege syllables.

2. Vocalists are expected to perform *Bags Groove* and two additional selections from *The Standards Real Book*, Sher Music Company www.shermusic.com All selections must be performed from memory. One selection must be a twelve-bar blues. Candidates are expected to improvise on the twelve-bar blues form. Bring sheet music and an audio tape of the accompaniment for each of your selections.

3. Submit videotapes with accompaniment. No audio tapes, compact disks, or DVDs will be accepted.

Jazz Vocal Concentration

Bachelor of Music in Jazz

Arranging/Composition**

Bachelor of Music in Music

Education/Jazz Studies

Component***

Bachelor of Music in Music

Therapy/Jazz

Follow all audition requirements for Jazz Vocal Performance selecting *Bags Groove* and one additional tune from *The Standards Real Book*, Sher Music Company.

Keyboard

Piano Performance

Bachelor of Music in Piano

Performance

Bachelor of Music in Piano Pedagogy

Technique: Scales, major and minor (melodic and harmonic), and arpeggios, major and minor, four octaves, hands together at a fast tempo. Sight reading.

Repertoire: One piece from each of the following periods, all works are to be played from memory:

Baroque: Prelude and Fugue from Bach's Well-Tempered Clavier, or a major work by Bach.

Classical: Entire sonata by Mozart, Beethoven (excluding Opus 49, Nos. 1 and 2) or Schubert. Romantic, Impressionistic, or Contemporary: Any piece of advanced difficulty.

Harpichord Performance

Bachelor of Music in Harpsichord

Performance

Applicants without previous harpsichord study, same as piano performance audition requirements.

Applicants with some harpsichord and piano experience, the work of J.S. Bach (required in the piano audition) or another baroque work should be performed on harpsichord, with the remainder as listed in the piano requirements.

Applicants with harpsichord but no piano experience should be prepared to perform:

1. A work of J.S. Bach.

2. A work from the French baroque repertoire.

3. A Scarlatti Sonata OR an English work from the Fitzwilliam Virginal Book.

4. Sightreading.

Harpichord Concentration

Bachelor of Music in Theory****

Bachelor of Music in Music History

Audition requirements are as follows:

1. For applicants without previous harpsichord student, same as Piano Concentration Audition Requirements.

2. For applicants with some harpsichord experience, a work by J.S. Bach or another baroque work should be performed on harpsichord, with the remainder of the audition performed on the piano following the Piano Concentration Audition Requirements

3. Applicants with harpsichord but no piano experience should be prepared to perform a Prelude and Fugue, Invention or Sinfonia of J.S. Bach; a work from the French baroque repertoire, and a Scarlatti Sonata OR an English work from the Fitzwilliam Virginal Book.

Piano Concentration

Bachelor of Music in Music Education

Bachelor of Music in Theory****

Bachelor of Music in Composition*

Bachelor of Music in Music History

Bachelor of Music in Music Therapy

Technique: Scales, major and minor (melodic and harmonic), and arpeggios, major and minor, two octaves, hands together at a fast tempo. Sight reading.

Repertoire: One piece from each of the following periods, at least two must be from memory:

Baroque: Two- or Three-Part Invention of Bach.

Classical: First movement of a sonata by Haydn, Mozart, or Beethoven (except Opus 49, Nos. 1 and 2).

Romantic, Impressionistic, or Contemporary: Any piece equivalent in difficulty to the sonata movement above.

Percussion

Percussion Performance and Concentration

A list of specific percussion audition requirements is available upon request from the Dean's Office of the Boyer College of Music – 215-204-8301. Detailed requirements are listed on the Boyer College Web site at www.temple.edu/boyer/admissions/music/undergraduate/requirements.htm

Strings

String Performance

Bachelor of Music in String Performance

Technique: Scales and arpeggios, major and minor, in three octaves, and an étude of advanced difficulty.

Repertoire: Two contrasting movements of a Bach sonata or suite, a movement from a Classical sonata, and a Romantic or Contemporary work to represent the student's level of proficiency.

String Concentration

Bachelor of Music in Music Education
Bachelor of Music in Theory****
Bachelor of Music in Composition*
Bachelor of Music in Music History
Bachelor of Music in Music Therapy

Technique: Scales, major and minor, in three octaves; an étude.

Repertoire: Two contrasting movements from a Baroque sonata and a Romantic or Contemporary piece.

Winds or Brass

Winds or Brass Performance

Bachelor of Music in Performance

Two movements of a sonata, concerto, or other solo work, two contrasting études, and orchestral excerpts.

Winds or Brass Concentration

Bachelor of Music in Music Education
Bachelor of Music in Theory****
Bachelor of Music in Composition*
Bachelor of Music in Music History
Bachelor of Music in Music Therapy

One movement of a solo work and two contrasting études.

Voice

Voice Performance

Bachelor of Music in Voice Performance

Applicants should prepare an Italian song from the 17th or 18th century, an English song from the baroque or contemporary period, and an additional classical selection to be chosen by the applicant. All songs should be memorized and sung in their original languages. Accompanist will be provided for on-campus auditions.

Voice Concentration

Bachelor of Music in Music Education
Bachelor of Music in Theory****
Bachelor of Music in Composition*
Bachelor of Music in Music History
Bachelor of Music in Music Therapy

Applicants should prepare an Italian song from the 17th or 18th century and an English song from the baroque or contemporary period. All audition pieces should be memorized and sung in their original languages. Accompanist will be provided for on-campus auditions.

NOTE: Some programs have additional requirements as listed below. Those programs having additional requirements appear with asterisks which correlate to the following:

*** Bachelor of Music in Composition**

In addition to a concentration-level audition on their major instrument or voice, applicants to this degree program must submit scores and/or tapes of original composition.

**** Bachelor of Music in Jazz**

Arranging and Composition

In addition to a concentration-level jazz audition, candidates must provide a composition portfolio of three complete and contrasting pieces. Tapes and scores should be presented at the time of the audition.

***** Bachelor of Music in Music Education/Jazz Studies Component**
Applicants to this degree program are required to present jazz and classical concentration-level auditions.

****** Bachelor of Music in Music Theory**

In addition to a concentration-level audition on their major instrument or voice, applicants to this degree program must arrange for an interview with the chair of the Theory Department.

Bachelor of Music in Jazz Performance with a Music Technology Component
Candidates should expect to complete the audition requirements listed under Jazz Performance. The Music Technology component requires an additional two semesters to complete, bringing the total to five years.

FINANCIAL AID

Financial aid is available to full-time undergraduates in the form of music grants, academic scholarships, loans, grants, music grants-in-aid, and work-study programs. **Also see Financial Aid.**

- Financial aid awards are made after the student has been admitted as a fully matriculated student. Students are to be enrolled full-time, unless prior permission is granted to do otherwise by the Associate Dean.
- Music Grants are awarded based on merit. No separate application is required. The Boyer College has application and audition deadlines for priority music scholarship consideration. Contact the Boyer College at 215-204-8301, or consult the Boyer College Web site at www.temple.edu/boyer for current deadlines.

Music scholarships and awards for currently enrolled and graduating undergraduate and graduate students include, but are not limited to the following:

- Esther Boyer Music Endowment Fund
- Esther B. Griswold Voice Scholarship
- Peter Vennett Piano Scholarship
- Garrigues Foundation
- Presser Foundation Scholarship
- Dr. Arthur Bennett Lipkin Memorial String Scholarship
- Dr. Millard Gladfelter Tribute Scholarship
- Dr. David Stone Tribute Scholarship Award
- Irving Berlin Scholarships
- Elsa Fink Voice Scholarship
- Howard Chivian Memorial Award
- E. M. Yarnell Scholarship
- Elizabeth K. Prescoln Award
- Jeffrey Yagoda Memorial Award
- Dr. John Henry Heller, Jr. Memorial Award
- Dr. Milton J. Sutter, Jr. Memorial Award
- Elizabeth Smith String Scholarship
- Arronson Student Aid Fund
- Ruth Lafferty Award

- Natalie Hinderas Scholarship
- J. Earl Ness Scholarship
- Clifford Taylor Scholarship
- Florence Berggren Voice Grant
- David M. Katz Scholarship
- Bruce Archibald Scholarship
- Dr. Elaine Brown Tribute Award
- Max Aronoff Prize
- J.H. and E.L.M. Beach Book Award
- Dr. B. Stimson Carrow Award
- Emily and Arthur Crosby Award Douty Scholarship
- Roscoe Gill Scholarship
- Jacobs Music Company Steinway Award
- Williams and Carmen Middleberg Scholarship
- Jack Moore Memorial Percussion Scholarship
- Helen Laird Tribute Award
- Klara Meyers Tribute Award
- Schnader Memorial Award
- Esther M. Schultz Award
- William Singer Memorial Award
- Albert Tashjian Prize
- Alice Tully Scholarship
- Gerald Wingenroth Scholarship

SPECIAL PROGRAMS

Music Technology Component

In addition to coursework leading to bachelor's degrees in Music, the Boyer College of Music offers a 36-credit component in Music Technology to qualified music majors. This component, which is distributed over a student's freshman through senior years, normally results in a five-year program.

The music technology component provides a structured sequence of courses for those students who desire to use new technologies to enhance their skills as performers, composers, teachers, and scholars. Courses focus on the creative, performance, and pedagogical aspects of music technology.

An example of how the Music Technology component can be incorporated into a five-year option can be found in the Program Description section of this *Bulletin* under the **Music Education Department**. Students interested in adding the component to their curriculum should contact their respective chair for further information and specific curriculum guidelines.

Music Preparatory Division and Community Music Program of the Boyer College

Mark Huxsoll, Director
215-204-1512

www.temple.edu/boyer/musicprep/index.htm

Music Prep is the division of Temple's Boyer College that provides life-long learning in music through non-credit programs. Its offerings range from group instruction for infants and toddlers in the development of their basic musical skills to adult classes designed to prepare music listeners for their next orchestra concert or opera. Central to Music Prep are programs for young people. Beginning with Early Childhood Music Foundations and Creative Movement, the classes provide building blocks for a solid musical education. Parents learn to recognize and nurture their child's musical strengths. Outstanding faculty encourage the further development of musical skills through individual lessons in voice and more than a dozen instruments.

Core Curriculum Science

Department	Course #	Course Name	Hours	RCI
Physics/and Music Studies	C067/	Acoustics	3	
	C315	Computers in Musical Applications	3	

Music Notation on the Microcomputer

Department	Course #	Course Name	Hours	RCI
Music Education	0331	Technology for Education in Music	3	

Interactive Multimedia

Department	Course #	Course Name	Hours	RCI
Music Education	0332	Interactive Multimedia I	3	
Music Education	0333	Interactive Multimedia II	3	

Audio Engineering

Department	Course #	Course Name	Hours	RCI
Music Studies	0321	Sound Recording	3	

Synthesis and Sequencing

Department	Course #	Course Name	Hours	RCI
Music Studies	0316	Computer Synthesis	3	
Music Studies	0335	Composing Music for Film	3	
Music Studies	0346	MIDI	3	

Electives

Department	Course #	Course Name	Hours	RCI
Music Studies	0347	Computer Music Studio	2-3	
BTMM	0275	Audio Production	2	
Math	C085	Calculus	4	
CIS	C081	C Programming	4	
Music Studies	C071	Sound Editing	3	

Advanced Project

Department	Course #	Course Name	Hours	RCI
0329		Projects in Music Technology	3	
Total				36

The Center for Gifted Young Musicians

This center is the component of Music Prep that focuses on the training of exceptionally gifted students, many of whom are unable to bear the full cost of the finest musical education but have the ability and willingness to make a serious commitment to music. By audition only.

Instrumental Program (for string, woodwind and brass players): The Center's instrumental program provides a comprehensive package of music instruction and performance for young musicians who have demonstrated the greatest potential for musical achievement. Emphasis in this program is placed on the development of superior musical skills through large and small ensemble performance. The faculty is made up of the finest artist/teachers in the region, including members of The Philadelphia Orchestra and professors from Temple's own Boyer College of Music.

Children's Choir: The Children's Choir is designed for outstanding young singers, male (unchanged voices) and female, ages 7 to 17. The choir focuses on expressive singing built upon a foundation of good vocal technique and musicianship. Singers perform repertoire representing diverse world cultures and a wide range of styles. The choir is made up of three groups: a training choir for beginning choral singers, a full concert choir and a small chamber/touring choir.

The Festival of Young Musicians: The Festival of Young Musicians has long been the centerpiece of the Center for Gifted Young Musicians. Held annually in late April, it consists of a series of concerts throughout the region that feature all the performers in the Center.

The Community Music Scholars Program

The Community Music Scholars Program provides 30 weekly private lessons for a nominal fee for up to 50 young instrumentalists from Philadelphia schools. By audition only.

The Boyer College of Music and Dance Preparatory and Extension Division is located at Temple University's Center City Campus, 1515 Market Street, in the heart of metropolitan Philadelphia. Acceptance into the program is based upon a personal interview. For further information concerning curricula and fees, write to Mr. Mark Huxsoll, Director, Preparatory Division, Temple University Center City, 1515 Market Street, Philadelphia, PA 19102 or phone 215-204-1512.

SPECIAL FACILITIES

Presser Hall, opened in 1967, is the center of musical activity at Temple University. This building houses practice rooms, classrooms, ensemble rehearsal rooms, teaching studios, faculty offices, two computer synthesis studios, student and faculty lounges, a large listening library, and the Presser Learning Center. Presser Hall's performance facilities include Klein Recital Hall and Arronson Rehearsal Hall. Also utilized by the Boyer College are Tomlinson Theater and Thomas Hall, located across the street from Presser Hall.

The Boyer College's newest facility, Rock Hall, was extensively renovated for music and dedicated in early 1994 in recognition of the generous support of Dr. Milton Rock and the late Mrs. Shirley Rock. Located at Broad Street and Cecil B. Moore Avenue on Temple University's Main Campus, Rock Hall houses the string and chamber music programs of the New School Institute, the Department of Composition, the Keyboard Department, the Early Music Program, the Alice Tully Library, three state-of-the-art computer/electronic music laboratories, practice rooms, classrooms, and a 325-seat chamber music recital hall.

The nationally recognized Presser Learning Center, located on the first floor of Presser Hall houses over 6000 books, recordings, periodicals, videotapes, audio tapes, classroom instruments, and other materials used in the preparation of music teachers and music therapists. Included in the computer lab, now housed in Rock Hall, is the hardware and software necessary for future teachers and therapists to become knowledgeable about the role of computers in music and administration.

The Experimental MIDI studio features a variety of voice modules controlled by a computer workstation, a multi-channel mixer, and digital and analog recording facilities. Students are encouraged to design their own libraries of timbres for use in composition. The computer synthesis studio uses several computer workstations with expanded disk memory, digital and analog recording equipment, and a broad range of software for music synthesis.

The Presser Hall Listening Library houses a collection of more than 10,000 recordings and tapes, compact discs, video tapes, 250 reference books, and 1,000 scores. Music listening assignments for courses in music history, theory, composition, education, and literature can be completed with this collection, which spans music history and performance from the earliest times to the present. A larger collection of music books and scores is found in Paley Library.

ACADEMIC ADVISING CENTER

Presser Hall
2001 N. 13th Street
215-204-8301

jjamron@temple.edu

All Bachelor of Music and Bachelor of Science in Music students will be assigned a permanent faculty advisor by the Associate Dean for Undergraduate Affairs. Students are required to meet with their advisor prior to registering for classes for the following semester. Advisor listing is posted on the first floor of Presser Hall.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

BOYER COLLEGE POLICIES

Please see the **Undergraduate Academic Policies**. Students are responsible for complying with all University-wide academic policies as well as those of the Boyer College of Music and Dance that appear below.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Band Camp and Choir Retreat Policy

Each fall, prior to the opening of school, the University Marching Band holds its annual band camp. In addition to having a concentrated four day work period to prepare for the coming season, students get to know each other in both a working and social relationship. They also become acquainted with the group directors at both the personal and professional levels. Attendance at band camp is mandatory for group participation.

The University Concert Choir often meets a few days prior to fall classes or during the first weekend of fall classes for extensive rehearsals.

Ensemble Requirements

- Undergraduate students with a major or concentration in voice or keyboard are required to participate in a choral ensemble, as determined by the Director of Choral Activities, throughout the undergraduate degree program where indicated by the curriculum. Participation begins in the first semester and continues until a baccalaureate degree is obtained. The requirement is waived during the semester of senior recital, internship, or student teaching.
- Music Education/Jazz Studies majors whose concentration is voice are required to participate in both classical and jazz vocal ensembles. After advisement to determine which kind of ensemble is appropriate, these students should go to the Director of Choral Activities to be placed in a classical ensemble and to the Coordinator of Jazz Studies to be placed in a jazz ensemble.
- Undergraduate students with a major or concentration in strings are required to play in the Symphony Orchestra. Participation begins in the first semester and continues until a baccalaureate degree is obtained. Qualified jazz strings and upright bass students are required to audition. This requirement is waived during the semester of student teaching or internship.
- All woodwind, brass, and percussion performance majors and concentrations must audition for instrumental ensembles, large and small, each semester. Continuing students will audition for ensemble placement through juries at the end of each semester. New students will audition for ensemble placement at the beginning of the first semester of study.
- Music education majors whose principal instrument is woodwind, brass, or percussion are required to play in the Marching Band for two semesters, normally during the fall semester of the freshman and sophomore years. Transfer students in this category must also register for Marching Band for two semesters unless they can show evidence of equivalent undergraduate experience at another college or university as determined by the Director of Athletic Bands.

- All students taking private lessons (major or concentration) or Recital Extensions are required to participate in an ensemble each semester in attendance.
- Percussion majors are required to participate in Percussion Ensemble
- Any instrumental student who does not play for a private lesson jury at the end of each semester must arrange for an audition for ensemble placement for the succeeding semester with the Department of Instrumental Studies.
- Students may perform in more than two ensembles only with permission of their advisor.
- All students must show evidence of ensemble experience in their performance medium.
- All students who concentrate in string, woodwind, and brass instruments and who are registered for lessons must arrange their schedules in order to attend regularly scheduled master/studio classes. Failure to do so may result in the lowering of the applied lesson grade.

Independent Study Policy

Independent Study provides a special opportunity for juniors and seniors to work in a highly individualized setting with one or more faculty members.

Those who wish to design an Independent Study project must prepare a written proposal six months in advance of the semester in which the study is to be accomplished. This proposal is then submitted for the approval of a special Honors subcommittee of the Academic Planning and Review Committee, which includes the Dean and Associate Dean. Private lessons beyond those required in the curriculum are not an appropriate form of Independent Study.

Professional Development Policy

All students in the College, in addition to passing the required subjects toward their degrees, are obligated to serve in a number of capacities in order to enrich their academic and musical expertise. The Boyer College believes that such experiences give impetus to successful professional careers. Among the duties that may be required are conducting laboratory classes, tutoring, teaching private lessons, coaching, participating in the distribution and inventory control of University-owned musical instruments and instructional materials, participating in ensembles, accompanying, supervising performance classes, performing at admission and open house events, and other academically-related activities. The Boyer College performances must be given priority over non-college commitments.

Recital and Concert Attendance Policy

The Dean and Faculty of the Boyer College of Music and Dance consider recital and concert attendance to be a significant educational activity in the training of a musician. It is largely through the process of active listening that the young musician develops powers of discrimination and critical judgment with relation to musical performance. Therefore, attendance at a minimum of 16 College recitals or concerts throughout the course of an academic year is mandatory for full-time undergraduate students. Part-time, matriculated undergraduate students are also responsible for attending a specific number of concerts in a direct ratio to the number of credits for which they are registered. During student teaching, therapy internship, or senior recital, this requirement is waived. A minimum of 56 recitals is needed to complete the requirement. The requirement for full-time transfer students will be based on the number of semesters they attended the Boyer College. Failure to comply with this ruling may result in delay of graduation from the College.

Senior Recitals Policy

Students in the following curriculums are required to perform a senior recital: Piano Performance, Piano Pedagogy, Instrumental Performance, Voice Performance, Jazz Instrumental Performance, Jazz Voice Performance, and Jazz Arranging/Composition. The Senior Recital provides the opportunity for the performance major to display his or her development and potential as a professional musician and should be considered the focal point for the semesters of private lessons which precede it. Before the Senior Recital is scheduled, the student (1) must have successfully completed private lessons during each semester prior to the recital and (2) must have achieved senior status academically. **All grades of "incomplete" in private lessons must be cleared before the student may apply for the senior recital.** Students should refer to the *Boyer College of Music and Dance Undergraduate Handbook* for further details and policies governing recitals.

After receiving approval from the jury and the major teacher in the applied area, a student should apply for the Senior Recital date and complete the necessary recital arrangements through Mr. Jason Horst, Recital Coordinator.

For students enrolled in the Instrumental Studies Department, the recital approval jury serves to demonstrate the student's ability to perform the degree recital successfully. Normally, this occurs at the preceding semester's jury. If by Departmental approval this jury does not occur, then a jury must be scheduled at least four weeks prior to the recital. **If the jury is not successfully completed by that time, the Instrumental Department reserves the right to cancel the recital date.** Most of the recital repertoire, with the exception of chamber ensemble works, should be available for performance at the jury and accompanied by the recital accompanist. Recital approval is dependent upon the time remaining between the approval jury and the actual recital date, as well as the degree of preparedness of the repertoire.

Student concentrating in string instruments should perform all recital repertoires from memory, except for sonatas. Students who wish an exception to this memorization policy must obtain prior approval from the Department by indicating the request on the recital repertoire form when it is submitted to the Department for approval of the program.

Senior Recitals are usually presented Monday through Friday at 5:15 PM or 7:30 PM. Performance time should be 50-60 minutes, exclusive of an optional intermission of no more than 10 minutes.

Recital Extension Policy

Some students may need to extend their applied study beyond the required number of semesters in order to complete the preparation for the Senior Recital. Students who do not present a recital during the recital semester will receive the grade of "Incomplete" and must register for Music 300-Recital Extension for two semester hours of non-degree credit. Recital Extension must be taken each semester until the recital has been presented. The sole exceptions to this rule are as follows:

- Students who give their recitals during the first three weeks of the spring semester are not required to register for Recital Extension that semester.
- Students who register for Recital Extension or for private lessons during the summer may give their recitals during the first three weeks of the fall semester. However, if a student does not register for either Recital Extension or lessons during the summer, he or she may not present the recital in the fall semester – regardless of the date – without also registering for that semester of lessons or Recital Extension.

- Private applied lessons beyond the eight-semester requirement currently in effect for undergraduate performance majors may be taken by permission of the jury and/or the appropriate performance department chairman. Music 300-Recital Extension carries a \$400 fee (subject to change without notice). Tuition scholarships do not cover this private lesson fee.

Program Performance Policy

All music departments reserve the right to dismiss an undergraduate student at any time from a given undergraduate degree program, regardless of grade point average, if in the opinion of the major department, he or she is unable to meet departmental standards. The decision will receive automatic review by the Academic Review and Planning Committee. The student has the right to appeal the dismissal to the Academic Review and Planning Committee of the Boyer College.

Undergraduate Private Lesson Policy

Weekly one-hour private lessons are arranged for full-time matriculated undergraduates in the Boyer College for as many semesters as required by the particular curriculum. (A full-time student must be registered for at least 12 credits each semester.) A per semester lesson fee of \$200 (subject to change without notice) – **above and beyond the regular tuition** – will be automatically added to the tuition charge of each student for this study. **Students who do not complete a minimum of 12 semester hours must pay a private lesson fee of \$400 for the succeeding semester of private lessons.** Students who are accepted for a double concentration or a double major in performance must be fully accepted by both departments by audition. A private lesson fee of \$400 is assessed for the second instrument. Approval of the Associate Dean is required for all students desiring a double major or double concentration. Tuition scholarships granted by the Boyer College do not cover the private lesson fees.

GENERAL COLLEGE GRADUATION REQUIREMENTS

- All music education students must maintain a 3.0 GPA to obtain permission to student teach and qualify for state teacher certification.
- All music therapy students must receive a grade of B- or better in all music therapy classes. Grades below B- in any music therapy course may not be applied toward degree requirements in music therapy. Students may retake such courses only once, only with faculty approval. If a grade below B- is earned upon retaking the course, the students will not be permitted to continue as a music therapy major, but may be eligible to change to a different curriculum.
- All Boyer College music students must attend a minimum number of College recitals each semester to qualify for graduation. Refer to the Recital and Concert Attendance Policy for more detailed information.
- All Boyer College music students are required to participate in specific ensembles as determined by their department. Refer to the Ensemble Requirement Policy for more detailed information.
- Students in the following curriculums are required to perform a senior recital prior to graduation: Piano Performance, Piano Pedagogy, Instrumental Performance, Voice Performance, Jazz Instrumental Performance, Jazz Voice Performance, and Jazz Arranging/Composition. Refer to the Senior Recital Policy for more detailed information.
- All undergraduate music students must be cleared by the Associate Dean for Undergraduate Studies for graduation by the end of their junior year.

Please refer to the Boyer College Policy Section for a complete list of policies. Detailed requirements for each degree program are listed within the curriculum section of the *Bulletin*.

DESCRIPTIONS

1. Certain courses fulfill multiple requirements. In consultation with your advisor, you will be able to plan your curriculum more effectively.
2. The total number of credit hours at graduation may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
3. Students must fulfill the necessary prerequisites for any given course or course sequence. See the Prerequisite and Co-requisite Policy in University-wide Academic Policies in this *Bulletin*.

PERFORMANCE, VOCAL INSTRUCTION

Christine Anderson, Chair

215-204-8375

cla@temple.edu

The training provided by the Voice Department emphasizes vocal technique and repertoire in a challenging program of vocal development. Performance progress is closely guided through private lessons, juries, and recital performances. The program of study prepares singers for careers in concert and recital performance, opera, and private teaching.

Bachelor of Music

Major in Voice Performance

Freshman Year – 1st sem

Department	Course #	Course Name	Hours	RCI
Music	0015	Voice Major	3	
Music	0005	Secondary Piano	1	
Music	0025	English Diction	1	
Music	Varies	Choral Ensemble	1	IN/SB
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro. To Music Theory and Lit	2	
English	R050	College Composition	3	RC
Required Elective	0051	Foreign Language	4	IA
Subtotal			17	

Freshman Year – 2nd sem

Department	Course #	Course Name	Hours	RCI
Music	0016	Voice Major	3	
Music	0006	Secondary Piano	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music Studies	0330	World Music	3	
Required Elective	0052	Foreign Language	4	
Subtotal			17	

Sophomore Year – 1st sem

Department	Course #	Course Name	Hours	RCI
Music	0115	Voice Major	3	
Music	0105	Secondary Piano	1	
Music	0123	Basic Conducting	1	
Core	C061	Foreign Language	3	IS
Music	Varies	Choral Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Subtotal			16	

Sophomore Year – 2nd sem

Department	Course #	Course Name	Hours	RCI
Music	0116	Voice Major	3	
Music	0106	Secondary Piano	1	
Music	0124	Conducting Intermediate	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
	0051	Foreign Language	4	
Subtotal			17	

Junior Year – 1st sem

Department	Course #	Course Name	Hours	RCI
Music	0215	Voice Major	3	
Music	0332	Diction Skills	1	
Music	Varies	Choral Ensemble	1	
Required Elective		Music Electives (From lists)	2	
Music Studies	W260	Music in History	3	WI
IH	X051	Intellectual Heritage	3	IA
Required Elective	0051	Foreign Language	4	IS
Subtotal			17	

Junior Year – 2nd sem

Department	Course #	Course Name	Hours	RCI
Music	0216	Voice Major	3	
Music	0333	Diction Skills	1	
Music	Varies	Choral Ensemble	1	
Required Elective		Music Electives (From lists)	3	
Music Studies	W261	Music in History	3	WI
IH	X052	Intellectual Heritage	3	IB
Math	C055	College Mathematics	3	QA
Subtotal			17	

Senior Year – 1st sem

Department	Course #	Course Name	Hours	RCI
Music	0315	Voice Major	3	
Music	0323	Vocal Coaching	1	
Music	0267	Vocal Repertoire	2	
Music	0334	Opera Workshop	3	
Music	Varies	Choral Ensemble	1	
Core	Elective	American Culture	3	AC
Physics	C067	Physics (Acoustics)	3	SA
Subtotal			16	

Senior Year – 2nd sem

Department	Course #	Course Name	Hours	RCI
Music	0316	Voice Major	3	
Music	0324	Vocal Coaching	1	
Music	0327	Vocal Pedagogy	2	
Music	0268	Vocal Repertoire	2	
Music	0335	Opera Workshop	2	
Core	Elective	Individual and Society	3	
Music Studies	C315	Computers in Music Applications	3	SB
Subtotal			16	

DEGREE TOTAL

133

Music Electives - List A

Orchestration 0242 (2 cr)
 Advanced Orchestration 0342 (2 cr)
 Keyboard Harmony 0241 or 0245 (3 cr)
 Counterpoint 0343 (2 cr)
 Composition 0248, 0249 (0-2 cr)
 Analysis 0345 (2 cr)

Music Electives - List B

History of Jazz 0138 (3 cr)
 Business of Music 0318 (2 cr)
 Music Technology courses
 Advanced Conducting 0330 or 0331 (2 cr)
 Music Learning Theory 0335 (3 cr)
 Opera Ensemble 0339 (1 cr)*
 Early Music Ensemble 0397 (1 cr)*
 Improvisation 0147 (2 cr)*

You must take at least one elective from List A and one from List B.

*No more than 2 credit hours may be taken as music elective credit.

PERFORMANCE, KEYBOARD INSTRUCTION

Harvey D. Wedeen, Chair

215-204-8648

hwedeen@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Keyboard Department emphasizes training for careers in performance, piano accompaniment and chamber music, piano pedagogy, and piano and opera coaching.

Bachelor of Music**Major in Piano Performance****Freshman Year – 1st semester**

Department	Course #	Course Name	Hours	RCI
Music	0009	Piano Major	4	
Music	0028	Accomp. and Piano Ens	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro to Mus. Theory and Literature	2	
English	R050	College Composition	3	RC
Math	C055	College Math	3	QA
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0010	Piano Major	4	
Music	0029	Accomp. and Piano Ens	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music Studies	0330	World Music	3	
IH	X051	Intellectual Heritage	3	IA
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0109	Piano Major	4	
Music	0028	Accomp. and Piano Ens.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
IH	X052	Intellectual Heritage	3	IB
Subtotal			16	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0110	Piano Major	4	
Music	0029	Accomp. and Piano Ens.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Core	Elective	Individual and Society	3	IN
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0209	Piano Major	4	
Music	0028	Accomp. and Piano Ens.	1	
Music	0041	Intro. to Piano Pedagogy	2	
Music	0123	Basic Conducting	1	
Music	0265	Keyboard Literature	3	
Music Studies	W260	Music in History	3	WI
Physics	C067	Physics (Acoustics)	3	SB
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0210	Piano Major	4	
Music	0029	Accomp. and Piano Ens.	1	
Music	0124	Conducting Intermediate	1	
Music	0266	Keyboard Literature	3	
Music Studies	0241	Keyboard Harmony	3	
Required Elective	Elective	Music Elective	2	
Music Studies	W261	Music in History	3	WI
Subtotal			17	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0309	Piano Major	4	
Music	0028	Accomp. and Piano Ens.	1	
Music	0247	Pedagogy of Children	2	
Required Elective	Elective	Music Electives	2	
Core	Elective	International Studies	3	IS
Core	Elective	American Culture/Race	3	AC, RS
Subtotal			15	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0310	Piano Major	4	
Music	0029	Accomp. and Piano Ens.	1	
Music Studies	C315	Computers in Music Appl.	3	SB
Required Elective	List	Music Electives	4	
Core	Elective	International Studies	3	IS
Subtotal			15	

DEGREE TOTAL: 129

Music Electives - List A

- Orchestration 0242 (2 cr)
- Advanced Orchestration 0342 (2 cr)
- Analysis 0345 (2 cr)
- Composition 0248, 0249 (0-2 cr)

Music Electives - List B

- Early Keyboard Instruments Sem. (2 cr)
- Advanced Conducting 0330 (2 cr)

You must take at least one elective from List A and one from List B.

No more than 2 credit hours may be taken as music elective credit.

PERFORMANCE, KEYBOARD/HARPSICHORD INSTRUCTION**Bachelor of Music
Major in Harpsichord Performance****Freshman Year – 1st semester**

Department	Course #	Course Name	Hours	RCI
Music	0021	Harpsichord Major	4	
Music	0028	Accomp. and Keyboard Ens.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro to Music Theory and Literature	2	
English	R050	College Composition	3	RC
Math	C055	College Math	3	QA
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0022	Harpsichord Major	4	
Music	0029	Accomp. and Keyboard Ens.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music Studies	0330	World Music	3	
IH	X051	Intellectual Heritage	3	IA
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0121	Harpsichord Major	4	
Music	0028	Accomp. and Keyboard Ens.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
IH	X052	Intellectual Heritage	3	IB
Subtotal			16	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0122	Harpsichord Major	4	
Music	0029	Accomp. and Piano Ens.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Core	Elective	Individual and Society	3	IN
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0221	Harpsichord Major	4	
Music	0028	Accomp. and Piano Ens.	1	
Music		Early Keyboard Skills	2	
Music	0123	Basic Conducting	1	
Music	0265	Keyboard Literature	3	
Music Studies	W260	Music in History	3	WI
Physics	C067	Physics (Acoustics)	3	SA
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0222	Harpsichord Major	4	
Music	0029	Accomp. and Piano Ens.	1	
Music	0124	Conducting Intermediate	1	
Music	0266	Keyboard Literature	3	
Music Studies	0241	Keyboard Harmony	3	
Required Elective	Elective	Music Elective	2	
Music Studies	W261	Music in History	3	WI
Subtotal			17	

Senior Year – 1st semester

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Music	0321	Harpichord Major	4	
Music	0028	Accomp. and Piano Ens.	1	
Music	0397	Early Music Ensemble	1	
Required Elective	Elective	Music Electives	3	
Core	Elective	International Studies	3	IS
Core	Elective	American Culture/Race	3	AC, RS
Subtotal			15	

Senior Year – 2nd semester

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Music	0322	Harpichord Major	4	
Music	0029	Accomp. and Piano Ens.	1	
Music	0397	Early Music Ensemble	1	
Music Studies	C315	Computers in Musical Applic.	3	SB
Required Elective	Elective	Music Electives	3	
Core	Elective	International Studies	3	IS
Subtotal			15	

Degree Total **129**

Music Electives

- Orchestration 0242 (2 cr)
- Advanced Orchestration 0342 (2 cr)
- Analysis 0345 (2 cr)
- Composition 0248, 0249 (0-2 cr)
- Advanced Conducting 0330 or 0331 (2 cr)

Bachelor of Music**Major in Piano Pedagogy****Freshman Year – 1st semester**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Music	0009	Piano Major	4	
Music	0028	Accomp. and Piano Ens.	1	
Music	0041	Intro. to Piano Pedagogy	2	
Music	0244	Suzuki for Pianists	2	
Music	Varies	Choral Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro to Music Theory and Lit	2	
English	R050	College Composition	3	RC
Subtotal			17	

Freshman Year – 2nd semester

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Music	0010	Piano Major	4	
Music	0029	Accomp. and Piano Ens.	1	
Music	0145	Pedagogy of Piano Tech.	2	
Music	Varies	Choral Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music Studies	0330	World Music	3	
Subtotal			16	

Sophomore Year – 1st semester

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Music	0109	Piano Major	4	
Music	0028	Accomp. and Piano Ens.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
IH	X051	Intellectual Heritage	3	IA
Subtotal			16	

Sophomore Year – 2nd semester

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Music	0110	Piano Major	4	
Music	0146	Creative Act for the Piano Teacher	2	
Music	Varies	Choral Ensemble	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
IH	X052	Intellectual Heritage	3	IB
Subtotal			17	

Junior Year – 1st semester

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Music	0209	Piano Major	4	
Music	0265	Keyboard Literature	3	
Music	0247	Pedagogy of Children	2	
Music Studies	0343	Counterpoint	2	
Core	Elective	American Culture/Race	3	AC, RS
Music Studies	W260	Music in History W260, W261	3	WI
Subtotal			17	

Junior Year – 2nd semester

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	<i>RCI</i>
Music	0210	Piano Major	4	
Music	0266	Keyboard Literature	3	
Music	0249	Pedagogy of College Non-Major	2	
Music Studies	W261	Music in History	3	WI
Core	Elective	Individual and Society	3	IN
Subtotal			15	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0309	Piano Major	4	
Music	0028	Accomp. and Piano Ens.	1	
Music	0105	Sec. Piano (Jazz)	1	
Music Studies	0241	Keyboard Harmony	3	
Core	Elective	International Studies	3	IS
Physics	C067	Physics (Acoustics)	3	SA
Music	0123	Basic Conducting	1	
Subtotal			16	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0310	Piano Major	4	
Music	0029	Accomp. and Piano Ens.	1	
Music	0106	Sec. Piano (Jazz)	1	
Music Studies	C315	Computers in Musical Applications	3	SB
Core	Elective	International Studies	3	IS
Math	C055	College Math	3	QA
Music	0124	Conducting Intermediate	1	
Subtotal			16	

DEGREE TOTAL			130	
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Piano Major sequence, (0009, 0010, 0109, 0110, 0209, 0210, 0309, 0310) requires a minimum of **four** hours practice daily.

INSTRUMENTAL STUDIES, INSTRUMENTAL PERFORMANCE

Arthur Chodoroff, Chair

215-204-5527

adcnac@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Luis Biava, Conductor, Symphony Orchestra

Timothy Oliver, Director of Athletic Bands

Helen Kwalwasser, Artistic Advisor, String Instruction

The Instrumental Major program centers on intensive coaching and private study with a renowned faculty of teachers, many of whom are members of The Philadelphia Orchestra and other professional performing organizations.

Opportunity to perform a vast repertoire abounds in the number and types of ensemble experiences available. The programs of study provide the training necessary to compete in the professional performance world.

Bachelor of Music

Major in Instrumental Performance

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0003	Instrumental Major	4	
Music	Varies	Ensembles	1	
Music	Varies	Ensembles	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro to Music Theory and Lit	2	
English	R050	College Composition	3	RC
Music	0005	Secondary Piano for Music Majors	1	
Music Studies	0330	World Music	3	
Subtotal			17	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0004	Instrumental Major	4	
Music	Varies	Ensembles	1	
Music	Varies	Ensembles	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	
Music	0006	Secondary Piano for Music Majors	1	
Math	C055	College Math	3	QA
Subtotal			15	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0103	Instrumental Major	4	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Music	Varies	Ensembles	1	
Music	Varies	Ensembles	1	
Music Studies	0141	Aural Theory III	2	
Core	Elective	American Culture/Race	3	AC, RS
Music	0105	Secondary Piano for Music Majors	1	
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0104	Instrumental Major	4	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Music	Varies	Ensembles	1	
Music	Varies	Ensembles	1	
Music Studies	0142	Aural Theory IV	2	
Required Elective	Elective	Music Elective (from lists)	2	
Music	0106	Secondary Piano for Music Majors	1	
Music	0398	Orchestral Repertoire	1	
Subtotal			17	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0203	Instrumental Major	4	
Music	0395	Guitar Lit. and Performance	1	
Music	Varies	Ensembles	1	
Music Studies	W260	Music in History	3	WI
IH	X051	Intellectual Heritage	3	IA
Required Elective	Elective	Music Elective (from lists)	3	
Music	0123	Basic Conducting	1	
Subtotal			16	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0204	Instrumental Major	4	
Music	Varies	Ensembles	1	
Music	Varies	Ensembles	1	
Music Studies	W261	Music in History	3	WI
Intellectual Heritage	X052	Intellectual Heritage	3	IB
Core	Elective	Individual and Society	3	IN
Music	0124	Conducting Intermediate	1	
Music	0398	Orchestral Repertoire	1	
Subtotal			17	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0303	Instrumental Major	4	
Music	Varies	Ensembles	1	
Music	Varies	Ensembles	1	
Core	Elective	International Studies	3	IS
Core	Elective	Science A	3	SA
Required Elective	Elective	Music Electives (from lists)	3	
Subtotal			15	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0304	Instrumental Major	4	
Music	Varies	Ensembles	1	
Music	Varies	Ensembles	1	
Core	Elective	International Studies	3	IS
Core	Elective	Science B	3	SB
Required Elective	Elective	Music Electives (from lists)	2	
Subtotal			14	

DEGREE TOTAL 128

- Acoustics C067 (SA), and Computers in Musical Applications C315 (SB) recommended.
- No more than 2 credit hours may be taken as music elective credit.
- Students must take at least one elective from List A and one from List B.

Music Electives - List A

- Orchestration 0242 (2 cr)
- Advanced Orchestration 0342 (2 cr)
- Keyboard Harmony 0241 or 0245 (3 cr)
- Counterpoint 0343 (2 cr)
- Composition 0248, 0249 (0-2 cr)
- Analysis 0345 (2 cr)

Music Electives - List B

- History of Jazz 0138 (3 cr)
- Business of Music 0318 (2 cr)
- Music Technology courses
- Advanced Conducting 0330 or 0331 (2 cr)
- Music Learning Theory 0335 (3 cr)
- Instrumental Pedagogy (2 cr)
- Choral Ensembles (1 cr)*
- Early Music Ensemble 0397 (1 cr)*
- Orchestral Repertoire 0398 (1 cr)*
- Voice 0011, 0012 (1 cr)*
- Improvisation 0147 (2 cr)*

Bass performance majors must enroll for eight semesters of orchestra and four additional semesters of ensembles. It is suggested that Early Music Ensemble be one of these credit hours. The remaining four credit hours of ensemble may be taken as free music electives.

Saxophone performance majors may register for up to four credit hours of ensembles in reading jazz ensembles (Jazz Band or Jazz Lab Band) with prior approval of the Instrumental Department Chair and Coordinator of the Jazz program. The two semester hours of orchestra repertoire classes are to be replaced by elective(s).

INSTRUMENTAL STUDIES, CLASSICAL GUITAR PERFORMANCE

Bachelor of Music

Major in Classical Guitar Performance

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0003	Instrumental Major	4	
Music	0395	Seminar in Guitar Performance and Lit.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro. to Music Theory and Lit.	2	
English	R050	College Composition	3	RC
Music	0005	Secondary Piano for Music Majors	1	
Music Studies	0330	World Music	3	
Subtotal			17	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0004	Instrumental Major	4	
Music	0395	Seminar in Guitar Performance and Lit.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music	0006	Secondary Piano for Music Majors	1	
Math	C055	College Math	3	QA
Subtotal			15	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0103	Instrumental Major	4	
Music	0395	Seminar in Guitar Performance and Lit.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Music Studies	0141	Aural Theory III	2	
IH	X051	Intellectual Heritage	3	IA
Music	Varies	Instrumental Ensemble	1	
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0104	Instrumental Major	4	
Music	0395	Seminar in Guitar Performance and Lit.	1	
Music	Varies	Choral Ensemble	1	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Music Studies	0142	Aural Theory IV	2	
IH	X052	Intellectual Heritage	3	IB
Music	Varies	Instrumental Ensemble	1	
Subtotal			17	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0203	Instrumental Major	4	
Music	0395	Seminar in Guitar Performance and Lit.	1	
Music	Varies	Instrumental Ensemble	1	
Music Studies	W261	Music in History	3	WI
Music	0123	Basic Conducting	1	
Core	Elective	International Studies	3	IS
Music	Elective	Music	2	
Subtotal			15	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0204	Instrumental Major	4	
Music	0395	Seminar in Guitar Performance and Lit.	1	
Music	Varies	Instrumental Ensemble	1	
Music Studies	W261	Music in History	3	WI
Music	0124	Conducting Intermediate	1	
Music	Elective	Music Elective (from lists)	3	
Core	Elective	International Studies	3	IS
Subtotal			16	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0303	Instrumental Major	4	
Music	0395	Seminar in Guitar Performance and Lit.	1	
Music		Jr/Sr Guitar Seminar	2	
Music	Elective	Music Electives (from lists)	3	
Core	Elective	Individual and Society	3	IN
Core	Elective	Science A	3	SA
Subtotal			16	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0304	Instrumental Major	4	
Music	0395	Seminar in Guitar Performance and Lit.	1	
Core	Elective	Science B#	3	SB
Core	Elective	American Culture/Race	3	AC, RS
Required Elective	Elective	Music Elective (from lists)	3	
Subtotal			14	

DEGREE TOTAL 127

- Acoustics C067 (SA), and Computers in Musical Applications C315 (SB) recommended.
- No more than 2 credit hours may be taken as music elective credit.
- You must take at least one elective from List A and one from List B.

Music Elective - List A

Orchestration 0242 (2 cr)
 Advanced Orchestration 0342 (2 cr)
 Keyboard Harmony 0241 or 0245 (3 cr)
 Counterpoint 0343 (2 cr)
 Composition 0248, 0249 (0-2 cr)
 Analysis 0345 (2 cr)

Music Electives - List B

History of Jazz 0138 (3 cr)
 Business of Music 0318 (2 cr)
 Music Technology courses
 Advanced Conducting 0330 or 0331 (2 cr)
 Music Learning Theory 0335 (3 cr)
 Instrumental Pedagogy (2 cr)
 Choral Ensemble (1 cr)*
 Early Music Ensemble 0397 (1 cr)*
 Orchestral Repertoire 0398 (1 cr)*
 Voice 0011, 0012 (1 cr)
 Improvisation 0147 (2 cr)*

JAZZ STUDIES, INSTRUMENTAL PERFORMANCE

Terrell Stafford, Director

215-204-6036

istaffor@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Students of Temple's Jazz Studies program have the opportunity to participate in both large and small ensembles. Jazz Band, Lab Band, Brass Ensemble, Fusion Ensemble, Percussion Ensemble, Guitar Ensemble, Vocal Ensemble, and New Music by Temple Composers provide a comprehensive performance experience in solo as well as ensemble playing for both instrumentalists and vocalists. All of the performing groups are coached by an experienced faculty of musician-educators. Graduates are prepared to begin a career as professional performers.

Bachelor of Music

Major in Jazz Instrumental Performance

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0003	Instrumental Major	4	
Music	0005	Secondary Piano for Music Majors	1	
Music	Varies	Small Ensemble	1	
Music	Varies	Large Ensemble	1	
Music Studies	0031	Aural Skills: Jazz	2	
Music Studies	0045	Intro. to Music Theory & Literature	2	
Music Studies	0132	History of Pop	3	
English	R050	College Composition	3	RS
Subtotal			17	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0004	Instrumental Major	4	
Music Studies	0006	Jazz Secondary Piano	1	
Music	Varies	Small Ensemble	1	
Music Studies	0032	Aural Skills: Jazz	2	
Music Studies	C143 (4)	Theory I (Jazz)	3	AR
Music Studies	0138	History of Jazz	3	
Math	C055	College Math	3	QA
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0103	Instrumental Major	4	
Music Studies	0105	Secondary Piano for Music Majors	1	
Music	Varies	Small Ensemble	1	
Music	Varies	Large Ensemble	1	
Music Studies	0033	Aural Skills: Jazz	2	
Music Studies	0144 (4)	Theory II (Jazz)	3	
Music Studies	0318	Business of Music I	2	
Physics	C067	Physics (Acoustics)	3	SA
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0104	Instrumental Major	4	
Music Studies	0106	Jazz Secondary Piano	1	
Music	Varies	Small Ensemble	1	
Music Studies	C243 (4)	Theory III (Jazz)	3	QB
Music Studies	0333	Jazz Improvisation	2	
Core	Elective	Individual and Society	3	IN
Music Studies	C315	Computers in Musical Applications	3	SB
Subtotal			17	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0203	Instrumental Major	4	
Music	Varies	Small Ensemble	1	
Music	Varies	Large Ensemble	1	
Music Studies	0331	Jazz Arranging	3	
Music Studies	0334	Jazz Improvisation	2	
Music	0123	Basic Conducting	1	
IH	X051	Intellectual Heritage	3	IA
Subtotal			15	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0204	Instrumental Major	4	
Music	Varies	Small Ensemble	1	
Music	Varies	Large Ensemble	1	
Music Studies	0326	Jazz Styles and Analysis	2	
Music	0124	Conducting Intermediate	1	
IH	X052	Intellectual Heritage	3	IB
Music Studies	0330	World Music 0330	3	
Subtotal			15	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0303	Instrumental Major	4	
Music	Varies	Small Ensemble	1	
Music	Varies	Large Ensemble	1	
Music Studies	W260	Music in History	3	WI
Required Elective	Elective	Music Technology Elective*	3	
Core	Elective	International Studies	3	IS
Subtotal			15	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0304	Instrumental Major	4	
Music	Varies	Small Ensemble	1	
Music	Varies	Large Ensemble	1	
Music Studies	W261	Music in History	3	WI
Core	Elective	International Studies	3	IS
Core	Elective	American Culture	3	AC
Subtotal			15	

DEGREE TOTAL	128
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***Music Technology Electives**

- Music Studies 0321 Sound Recording (Fall)
- Music Studies 0335 Composing Music for Film (Fall)
- Music Studies 0346 MIDI (Fall)
- Music Studies 0316 Computer Music Synthesis (Spring)
- Music Studies 0329 Sound Editing (Spring)

JAZZ STUDIES, JAZZ ARRANGING/COMPOSING**Bachelor of Music****Major in Jazz Arranging/Composing****Freshman Year – 1st semester**

Department	Course #	Course Name	Hours	RCI
Music	0001 or 0013	Performance Concentration	2	
Music	0005	Secondary Piano for Music Majors	1	
Music	Varies	Ensemble	1	
Music Studies	0031	Aural Skills: Jazz	2	
Music Studies	0132	History of Pop	3	
Music Studies	0045	Intro. to Music Theory & Lit.	2	
English	R050	College Composition	3	RC
Music Studies	0330	World Music	3	
Subtotal			17	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0002 or 0014	Performance Concentration	2	
Music Studies	0006	Jazz Secondary Piano	1	
Music	Varies	Ensemble	1	
Music Studies	0032	Aural Skills: Jazz	2	
Music Studies	0138	History of Jazz	3	
Music Studies	C143 (4)	Theory I (Jazz)	3	AR
Math	C055	College Math	3	QA
Subtotal			15	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0101 or 0113	Concentration	2	
Music Studies	0105	Secondary Piano for Music Majors	1	
Music Studies	0033	Aural Skills: Jazz	2	
Music	Varies	Small Ensemble	1	
Music	Varies	Large Ensemble	1	
Music Studies	0144 (4)	Theory II (Jazz)	3	
Music Studies	0318	Business of Music I	2	
Physics	C067	Physics (Acoustics)	3	SA
Subtotal			15	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0102 or 0114	Concentration	2	
Music Studies	0106	Jazz Secondary Piano	1	
Music	Varies	Small Ensemble	1	
Music	Varies	Large Ensemble	1	
Music Studies	C243 (4)	Theory III (Jazz)	3	QB
Music Studies	0333	Jazz Improvisation	2	
Core	Elective	American Culture	3	AC
Music Studies	C315	Computers in Musical Applications	3	SB
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0201 or 0213	Concentration	2	
Music Studies	0331	Jazz Arranging	3	
Music Studies	0334	Jazz Improvisation	2	
Music	Varies	Ensemble	1	
Music Studies	0337	Seminar in Jazz Composition	2	
Music	0123	Basic Conducting	1	
IH	X051	Intellectual Heritage	3	IA
Core	Elective	International Studies	3	IS
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0202 or 0214	Concentration	2	
Music Studies	0336	Jazz Arranging	3	
Music	Varies	Ensemble	1	
Music Studies	0326	Jazz Styles and Analysis	2	
Music Studies	0337	Seminar in Jazz Composition	2	
Music	0124	Conducting Intermediate	1	
Core	Elective	Individual and Society	3	IN
IH	X052	Intellectual Heritage	3	IB
Subtotal			17	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0301 or 0313	Performance Concentration	2	
Music	Varies	Ensemble	1	
Music Studies	0337	Seminar in Jazz Comp.	2	
Music Studies	0338	Seminar in Jazz Comp.	2	
Music Studies	0242	Orchestration	2	
Music Studies	W260	Music in History	3	WI
Music Ed	Elective	Music Technology Elective	3	
Subtotal			15	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0302 or 0314	Performance Concentration	2	
Music	Varies	Ensemble	1	
Music Studies	0337	Seminar in Jazz Composition	2	
Music Studies	0338	Seminar in Jazz Composition	2	
Music Studies	W261	Music in History	3	WI
Core	Elective	International Studies	3	IS
Subtotal			13	

DEGREE TOTAL	125
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Music Technology Electives

- Music Studies 0321 Sound Recording (Fall)
- Music Studies 0335 Composing Music for Film (Fall)
- Music Studies 0346 MIDI (Fall)
- Music Studies 0316 Computer Music Synthesis (Spring)
- Music Studies 0329 Sound Editing (Spring)

THEORY

Michael Klein, Chair

215-204-8322

kleinml@aol.com

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Music Theory Department prepares its majors to be well-rounded practical musicians able to apply skills and knowledge to performance, composition, analysis, research, and teaching.

Bachelor of Music**Major in Music Theory****Freshman Year – 1st semester**

Department	Course #	Course Name	Hours	RCI
Music	0001, 0007 or 0013	Concentration	2	
Music	0005	Secondary Piano for Music Majors	1	
Music	0011	Voice Class	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro to Music Theory and Lit	2	
English	R050	College Composition	3	RC
German	0051	Beginning German I	4	
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0002, 0008, or 0014	Concentration	2	
Music	0006	Secondary Piano for Music Majors	1	
Music	0012	Voice Class	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
German	0052	Beginning German II	4	
Math	C055	College Math	3	QA
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0101, 0107, or 0113	Concentration	2	
Music	0105	Secondary Piano for Music Majors	1	
Music	0123	Basic Conducting	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	QB
Music Studies	0160	Music in History	2	
German	C061	Intermediate German I	3	IS
Subtotal			15	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0102, 0108 or 0114	Concentration	2	
Music	0106	Secondary Piano for Music Majors	1	
Music	0124	Conducting Intermediate	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
German	0062	Intermediate German II	3	IS
Subtotal			15	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0201, 0207, or 0213	Concentration	2	
Music	0205	Secondary Piano for Music Majors	1	
Music Studies	W260	Music in History	3	WI
Music	0330 or 0331	Conducting	2	
Music Studies	0343	Counterpoint	2	
Music Studies	0270	Theory Seminar	2	
Music Studies	0242	Orchestration	2	
IH	X051	Intellectual Heritage	3	IA
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0202, 0208 or 0214	Concentration	2	
Music	0206	Secondary Piano for Music Majors	1	
Music Studies	W261	Music in History	3	WI
Music Studies	0241	Keyboard Harmony	3	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0345	Analysis	2	
Music Studies	0342	Orchestration	2	
IH	X052	Intellectual Heritage	3	IB
Subtotal			17	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music Studies	0248	Junior Seminar I	2	
Music Studies	0330	World Music	3	
Music	Varies	Ensemble	1	
Music Studies	0270	Theory Seminar	2	
Core	Elective	American Culture/Race	3	AC, RS
Core	Elective	Science A	3	SA
Core	Elective	Individual and Society	3	IN
Subtotal			17	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Studies	Elective	Theory/Comp Elective	2	
Music Studies	0249	Composition	2	
Required Elective	Elective	Music Elective	2	
Music Studies	W271	Theory Seminar	2	WI
Music Studies	Varies	Choral/Instrumental Ensemble	1	
Core	Elective	Science B	3	SB
Core	Elective	Arts	3	AR
Subtotal			15	

DEGREE TOTAL	129
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COMPOSITION

Matthew Greenbaum, Acting Chair

215-204-3136

swordfis@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Composition Department offers courses in composition for various media including electronic music. Creativity, the development of personal expression through music, and the assessment of music's role in the 21st century societal context are the focal points for composition majors.

Bachelor of Music**Major in Composition****Freshman Year – 1st semester**

Department	Course #	Course Name	Hours	RCI
Music	0001, 0007 or 0013	Concentration	2	
Music	0005	Secondary Piano for Music Majors	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro. to Music Theory and Lit.	2	
English	R050	College Composition	3	RC
Core	0051	Foreign Language	4	
Subtotal			15	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0002, 0008 or 0014	Concentration	2	
Music	0006	Secondary Piano for Music Majors	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Core	0052	Foreign Language	4	IS
Math	C055	College Math	3	QA
Subtotal			16	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0101, 0107, or 0113	Concentration	2	
Music	0105	Secondary Piano for Music Majors	1	
Music	0123	Basic Conducting	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Music Studies	0148	Music Composition I	2	
Physics	C067	Physics (Acoustics)	3	SA
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0102, 0108 or 0114	Concentration	2	
Music	0106	Secondary Piano for Music Majors	1	
Music	0124	Conducting Intermediate	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Music Studies	0149	Music Composition	2	
Music Studies	C315	Computers in Musical Applications	3	SB
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0201, 0207 or 0213	Concentration	2	
Music	0205	Secondary Piano for Music Majors	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	W260	Music in History	3	WI
Music Studies	0248	Junior Seminar I	2	
Music Studies	0241	Keyboard Harmony	3	
Music Studies	0346	MIDI	3	
Music Studies	0242	Orchestration	2	
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0202, 0208 or 0214	Concentration	2	
Music	0206	Secondary Piano for Music Majors	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	W261	Music in History	3	WI
Music Studies	0343	Counterpoint	2	
Music Studies	0249	Junior Seminar II	2	
Core	Elective	Arts	3	AR
Music Studies	0316	Computer Synthesis	3	
Subtotal			17	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0348	Senior Seminar I	3	
General Elective	Elective	Elective	3	
Music Studies	0254	Contemporary Music	3	
IH	X051	Intellectual Heritage	3	IA
Music Studies	0330	World Music	3	
Subtotal			16	

Senior Year –2nd semester

Department	Course #	Course Name	Hours	RCI
Music Studies	0349	Senior Seminar II	3	
Music	0330 or 0331	Conducting	2	
IH	X052	Intellectual Heritage	3	IB
Core	Elective	American Culture/Race	3	AC, RS
Core	Elective	Individual and Society	3	IN
Subtotal			14	

DEGREE TOTAL	128
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MUSIC HISTORY

Stephen Willier, Chair

215-204-8320

swillier@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The Music History Department emphasizes an historic and analytical approach to the study of music and the development of scholarly research skills.

Bachelor of Music**Major in Music History****Freshman Year – 1st semester**

Department	Course #	Course Name	Hours	RCI
Music	0001, 0007 or 0013	Instrumental Concentration	2	
Music	0005	Secondary Piano for Music Majors	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro. to Music Theory and Lit.	2	
English	R050	College Composition	3	RC
Core	0051	Foreign Language	4	
Subtotal			15	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0002, 0008 or 0014	Instrumental Concentration	2	
Music	0006	Secondary Piano for Music Majors	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music Studies	0330	World Music	3	
Core	0052	Foreign Language	4	
Subtotal			16	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0101, 0107 or 0113	Instrumental Concentration	2	
Music	0105	Secondary Piano for Music Majors	1	
Music	0123	Basic Conducting	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Core	C061	Foreign Language	3	IS
Subtotal			15	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0102, 0108 or 0114	Instrumental Concentration	2	
Music	0106	Secondary Piano for Music Majors	1	
Music	0124	Conducting Intermediate	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Core	0062	Foreign Language	3	IS
Subtotal			15	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0201, 0207, or 0213	Instrumental Concentration	2	
Music	0205	Secondary Piano	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	0343	Counterpoint	2	
Music Studies	W260	Music in History	3	WI
English	Elective	Literature Elective	3	
Required Elective	Elective	*Music Elective	2	
IH	X051	Intellectual Heritage	3	IA
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0202, 0208 or 0214	Instrumental Concentration	2	
Music	0206	Secondary/Piano	1	
Music	Varies	Choral/Instrumental Ensemble	1	
Music Studies	W261	Music in History	3	WI
Core	Elective	American Culture/Race	3	AC, RS
Math	C055	College Math	3	QA
IH	X052	Intellectual Heritage	3	IB
Subtotal			16	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0330 or 0331	Conducting	2	
Music Studies	0397	Early Music Ensemble	1	
Music Studies	Elective	Music History Electives	3	
Required Elective	Elective	*Music Elective	2	
Physics	C067	Physics (Acoustics)	3	SA
Core	Elective	Individual and Society	3	IN
Core	Elective	Arts	3	AR
Subtotal			17	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Studies	0397	Early Music Ensemble	1	
Music Studies	0345	Analysis	2	
Music Studies	Elective	Music History Electives	3	
Required Elective	Elective	*Music Elective	2	
Music Studies	0391	Independent Study	3	
Music Studies	C315	Computers in Musical Applications	3	SB
Subtotal			14	

DEGREE TOTAL

125

†Art History strongly recommended.

*Keyboard Harmony 0241 and Orchestration 0242 are recommended.

MUSIC EDUCATION

Beth Bolton, Chair

215-204-8310

bbolton@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The Department of Music Education concentrates on developing music educators at the undergraduate level who will be ready for successful entry into the teaching profession.

Faculty recommendations for student teaching are not automatic. They must be earned by the student through demonstrated potential in the field, a 3.0 GPA, and passing of Praxis exams I and II. Students not recommended for student teaching may be permitted to graduate after successful completion of additional course work, but will not be recommended for Pennsylvania State Music Teacher Certification.

Upon successful completion of the four-year program of study, the five-year double major program of study, or the five-year program with either a Jazz Studies component or Technology component, and upon achieving passing scores on the Praxis Series Assessments (Professional Assessments for Beginning Teachers), students qualify for Pennsylvania state certification for public school music teachers, K-12.

MUSIC EDUCATION, VOICE CONCENTRATION**Bachelor of Music****Major in Music Education Voice Concentration****Freshman Year – 1st semester**

Department	Course #	Course Name	Hours	RCI
Music	0013	Voice Concentration	2	
Music	Varies	Choral Ensemble	1	
Music	0005	Secondary Piano	1	
Music Studies	0045	Intro. to Music Theory and Lit.	2	
Music Studies	0041	Aural Theory I	2	
Music Ed	0058	Guitar I	1	
English	R050	College Composition	3	
	0051	+Foreign Language	4	RC
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0014	Voice Concentration	2	
Music	Varies	Choral Ensemble	1	
Music	0006	Secondary Piano	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music Ed	0052	Upper Strings	1	
Required Elective	0052	+Foreign Language	4	
Music Studies	0330	World Music	3	
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0113	Voice Concentration	2	
Music	Varies	Choral Ensemble	1	
Music	0105	Secondary Piano	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Music	0025	English Diction	1	
Music	0123	Basic Conducting	1	
Music Ed	0050	Percussion	1	
Music Ed	0335	Mus. Learning Theory	3	
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0114	Voice Concentration	2	
Music	Varies	Choral Ensemble	1	
Music	0106	Secondary Piano	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Music Ed	W230	Teaching General Music	3	WI
Math	C055	College Math	3	QA
Subtotal			17	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0213	Voice	2	
Music	Varies	Choral Ensemble	1	
Music Studies	W260	Music in History	3	WI
Music	0332	Diction Skills	1	
Music	0124	Conducting Intermediate	1	
Music Ed	0340	Assessment of Music Learning Theory	2	
Physics	C067	*Physics (Acoustics)	3	SA
IH	X051	Intellectual Heritage	3	IA
Subtotal			16	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0214	Voice Concentration	2	
Music	Varies	Choral Ensemble	1	
Music Ed	0245	Keyboard Harmony	3	
Music Studies	W261	Music in History	3	WI
Music	0333	Diction Skills	1	
Music	0330	Conducting Choral	2	
Music Ed	0051	Woodwinds I	1	
Music Ed	0054	Brass I	1	
Music Ed	0220	Teaching Music to Exceptional Children	2	
Subtotal			16	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Choral Ensemble	1	
Music	0353	Teaching Choral Music	2	
Music Studies	C315	**Computers in Mus. Applications	3	SB
Music Ed	0310	Curricular Options Secondary Sch. Mus.	3	
Education	X060	Education and Schooling in America	3	AC
IH	X052	Intellectual Heritage	3	IB
		Elective	1	
Subtotal			16	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0341, 0351, 0352	Student Teaching	8	
Psych	C060	Psychology	3	IN
Subtotal			11	

DEGREE TOTAL

126

+ This program requires two semesters of foreign language study. If the 61 level has been met by the language placement exam, then one year of another language must be taken. Options include German, French and Italian.

See current *Schedule of Classes* for additional first level science courses. Acoustics C067, however, is strongly recommended. Acoustics C067 is a prerequisite for Computers in Music Applications C315, another strongly recommended course for music education majors.

** See current *Schedule of Classes* for additional approved second level science core course. Computers in Music Applications, however, is strongly recommended for music education majors.

MUSIC EDUCATION, PIANO CONCENTRATION

Bachelor of Music

Major in Music Education Piano Concentration

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0007	Piano Concentration	2	
Music	Varies	Choral Ensemble	1	
Music Studies	0045	Intro. Music Theory & Lit.	2	
Music Studies	0041	Aural Theory I	2	
Music Ed	0335	Music Learning Theory	3	
English	R050	College Composition	3	RC
Music Studies	0330	World Music	3	
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0008	Piano Concentration	2	
Music	Varies	Choral Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music	0025	English Diction	1	
Music Ed	0054	Brass I	1	
Music Ed	0052	Upper Strings	1	
Math	C055	College Math	3	QA
IH	X051	Intellectual Heritage	3	IA
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0107	Piano	2	
Music	Varies	Choral Ensemble	1	
Music	0011	Voice Class	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Music	0123	Basic Conducting	1	
Music Ed	0058	Guitar I	1	
Music	0332	Diction Skills	1	
IH	X052	Intellectual Heritage	3	IB
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0108	Piano	2	
Music	Varies	Choral Ensemble	1	
Music	0012	Voice Class	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Music	0124	Conducting Intermediate	1	
Music	0333	Diction Skills	1	
Music Ed	W230	Teaching General Music	3	WI
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0207	Piano Concentration	2	
Music	Varies	Choral Ensemble	1	
Music	0111	Voice Class	1	
Music Studies	W260	Music in History	3	WI
Music	0330 or 0331	Conducting	2	
Music Ed	0340	Assessment of Music Learning Theory	2	
Education	X060	Education and Schooling in America	3	AC
Physics	C067*	Physics (Acoustics)	3	SA
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0208	Piano Concentration	2	
Music	Varies	Choral Ensemble	1	
Music	0112	Voice Class	1	
Music Ed	0050	Percussion	1	
Music Ed	0051	Woodwinds I	1	
Music Ed	0245	Keyboard Harmony	3	
Music Studies	W261	Music in History	3	WI
Music Studies	C315	**Computers in Musical Applications	3	SB
Music Ed	0220	Teaching Music Exceptional Children	2	
Subtotal			17	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Choral Ensemble	1	
Music	0028	Accomp. and Piano Ens.	1	
Required Electives		Music Elective	3	
Music	0353	Teaching Choral Music	2	
Music Ed	0310	Curr. Options Secondary School Music	3	
Psych	C060	Psychology as a Social Science	3	IN
Core	Elective	#Foreign Language/International Studies	4/3	IS
Subtotal			16/17	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0341, 0351, 0352	Student Teaching	8	
Core	Elective	#Foreign Language/International Studies	4/3	IS
Subtotal			11/12	

DEGREE TOTAL 127/129

* See **Core Curriculum** for additional first level course. Acoustics C067, however, is strongly recommended. Acoustics C067 is a prerequisite for Computers in Music Applications C315, another strongly recommended course for music education majors.

** See current **Core Curriculum** for additional approved second level science Core courses. Computers in Mus. App. C315, however, is strongly recommended for music education majors.

MUSIC EDUCATION, INSTRUMENTAL CONCENTRATION

Bachelor of Music

Major in Music Education Instrumental Concentration

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0001	Instrumental Concentration	2	
Music	Varies	+Instrumental Ensemble	1	
Music	Varies	Choral Ensemble	1	
Music	0005	Secondary Piano	1	
Music Studies	0045	Intro. Music Theory & Lit.	2	
Music Studies	0041	Aural Theory I	2	
Music Ed	0054	Brass I	1	
English	R050	College Composition	3	RC
Math	C055	College Math	3	QA
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0002	Instrumental Concentration	2	
Music	Varies	+Instrumental Ensemble	1	
Music	Varies	Choral Ensemble	1	
Music	0006	Secondary Piano	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music Ed	0056	Brass II	1	
Music Ed	0335	Music Learning Theory	3	
Music Studies	0330	World Music	3	
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0101	Instrumental Concentration	2	
Music	Varies	+Instrumental Ensemble	1	
Music	0105	Secondary Piano	1	
Music	0011	Voice Class	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Music Ed	0052	++Upper Strings	1	
Music Ed	W230	Teaching General Music	3	WI
Subtotal			16	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0102	Instrumental Concentration	2	
Music	Varies	+Instrumental Ensemble	1	
Music	0106	Secondary Piano	1	
Music	0012	Voice Class	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Music	0123	Basic Conducting	1	
Music Ed	0053	++Lower Strings	1	
IH	X051	Intellectual Heritage	3	IA
Subtotal			17	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0201	Instrumental Concentration	2	
Music	Varies	Instrumental Ensemble	1	
Music Ed	0245	Keyboard Harmony	3	
Music	0124	Conducting Intermediate	1	
Music Studies	W260	Music in History	3	WI
Music Ed	0051	Woodwinds I	1	
Music Ed	0057	Woodwinds II	1	
Music Ed	0220	Teaching Music to Exceptional Children	2	
Physics	C067	*Physics (Acoustics)	3	SA
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0202	Instrumental Concentration	2	
Music	Varies	Instrumental Ensemble	1	
Music	0331	Conducting (Instrumental)	2	
Music Studies	W261	Music in History	3	WI
Music Ed	0050	Percussion	1	
Music Ed	0350	Teaching Instrumental Music	3	
Music Ed	0310	Curr. Opt. Secondary School Mus	3	
Music Ed	0340	Assessment of Mus. Learning	2	
Subtotal			17	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0341, 0351, 0352	Student Teaching	8	
Psych	C060	Psychology	3	IN
Subtotal			11	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Instrumental Ensemble	1	
Music Studies	C315	**Computers in Musical Applications	3	SB
Education	X060	Education and Schooling in America	3	AC
IH	X052	Intellectual Heritage	3	IB
Core	Elective	#International Studies	3	IS
Core	Elective	#International Studies	3	IS
Subtotal			16	

DEGREE TOTAL 127

⁺ Two semesters of Marching Band are required for students whose principal instruments are woodwinds, brass, and percussion. Normally this requirement is fulfilled in the fall semester of freshman and sophomore years.

⁺⁺ Violin and Viola Concentrations may substitute Music 0392.

* See **Core Curriculum** for additional first level science courses. Acoustics C067, however, is strongly recommended. Acoustics C067 is a prerequisite for Computers in Mus. App. C315, another strongly recommended course for music education majors.

** See **Core Curriculum** for additional approved second level science Core courses. Computers in Mus. App. C315, however, is strongly recommended for music education majors.

Must be approved Core courses. At least on course must be in non-Western or Third World studies.

MUSIC EDUCATION, PIANO/JAZZ STUDIES

Bachelor of Music (5 year)

Major in Music Education Piano Concentration with Jazz Studies Component

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0007	Piano Concentration	2	
Music	Varies	Ensemble	1	
Music Studies	0045	Intro. to Music Theory and Lit.	2	
Music Studies	0031	Aural Skills	2	
Music Studies	0132	History of Pop	3	
Music Ed	0335	Music Learning Theory	3	
English	R050	College Composition	3	RC
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0008	Piano	2	
Music	Varies	Ensemble	1	
Music Studies	0032	Aural Skills	2	
Music Studies	0153	Theory Harmony I (Jazz)	3	
Music Ed	0054	Brass I	1	
Music Ed	0052	Upper Strings	1	
Music Studies	0330	World Music	3	
Math	C055	College Math	3	QA
Subtotal			16	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0107	Piano Concentration	2	
Music	0011	Voice Class	1	
Music	0025	English Diction	1	
Music Studies	0154	Theory Harmony II	3	
Music	Varies	Ensemble	1	
Music	0123	Basic Conducting	1	
Music Studies	0160	Music in History	2	
Music Ed	0058	Guitar I	1	
Music Ed	0050	Percussion	1	
IH	X051	Intellectual Heritage	3	IA
Subtotal			16	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0108	Piano Concentration	2	
Music	0012	Voice Class	1	
Music Studies	C143	Theory I (Traditional)	3	AR
Music	Varies	Ensemble	1	
Required Electives		Jazz Electives	3	
Music	0124	Conducting Intermediate	1	
Music Studies	0161	Music in History	2	
Music Ed	W230	Teaching General Music	3	WI
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0201	Piano Concentration	2	
Music Studies	0331	Jazz Arranging I	3	
Music	0111	Voice Class	1	
Music	Varies	Ensemble	1	
Music	0330 or 0331	Conducting	2	
Music Studies	W260	Music in History	3	WI
Music Ed	0220	Teaching, Mus. to Exceptional Children	2	
Physics	C067	Physics (Acoustics)	3	SA
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0202	Piano Concentration	2	
Music Studies	0144	Theory II (Traditional)	3	
Music Studies	0333	Jazz Improvisation: Theory and Practice	2	
Music Studies	0138	History of Jazz	3	
Music	0112	Voice Class	1	
Music	Varies	Ensemble	1	
Music Studies	W261	Music in History	3	WI
Music Ed	0051	Woodwinds I	1	
Subtotal			16	

Fourth Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0301	Instrumental Concentration	2	
Music	Varies	Ensemble	1	
Music Studies	C243	Theory III (Jazz or Traditional)	3	QB
Music Studies	0242	Orchestration	2	
Music Studies	0318	Business of Music I	2	
Music Technology		Elective	3	
Music Ed	0340	Assessment of Music Learning	2	
Music	0353	Teaching Choral Music	2	
Subtotal			17	

Fourth Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0302	Instrumental Concentration	2	
Music	Varies	Ensemble	1	
Music	0028	Accomp. and Piano Ensemble	1	
Music Studies	0343	Counterpoint	2	
Music Ed	0245	Keyboard Harmony	3	
Required Electives		Jazz Electives	4	
Music Studies	C315	Computers in Musical Applications	3	SB
		Senior Project	0	
Subtotal			16	

Fifth Year Senior – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Ensemble	1	
Music Ed	0310	Curricular Opt. Secondary School Music	3	
IH	X052	Intellectual Heritage	3	IB
Psych	C060	Psychology as a Social Science	3	IN
Education	X060	Education and Schooling in America	3	AC
Core	Elective	Foreign Language/International Studies	4/3	IS
Subtotal			17/16	

Fifth Year Senior – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0341, 0351, 0352	Student Teaching	8	
Core	Elective	%%Foreign Language/International Studies	4/3	IS
Subtotal			12/11	

DEGREE TOTAL

157/159

+ See CORE Curriculum for additional first level course. Acoustics C67, however, IS strongly recommended. Acoustics is a prerequisite for Computers in Mus. App. C315, another strongly recommended course for music education majors.

% Nine semesters of ensembles are required; 4 semester credit hours must be earned in traditional ensembles and 4 semester hours must be earned in jazz ensembles. A mixture of vocal and instrumental ensembles is recommended.

%%Must be approved Core courses. At least one course must be in non-Western or Third World studies.

Music Technology Electives

- Music Studies 0321 Sound Recording (Fall)
- Music Studies 0335 Composing Music for Film (Fall)
- Music Studies 0346 MIDI (Fall)
- Music Studies 0316 Computer Music Synthesis (Spring)
- Music Studies 0329 Sound Editing (Spring)

MUSIC EDUCATION, INSTRUMENTAL CONCENTRATION WITH JAZZ STUDIES

Bachelor of Music

Major in Music Education Instrumental Concentration with Jazz Studies Component

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0001	Instrumental Concentration	2	
Music	Varies	+Instrumental Ensemble	1	
Music	0005	Secondary Piano	1	
Music Studies	0045	Intro. Music Theory & Lit.	2	
Music Studies	0031	Aural Skills	2	
Music Ed	0054	Brass I	1	
Music Ed	0052	Upper Strings	1	
Math	C055	College Math	3	QA
English	R050	College Composition	3	RC
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0002	Instrumental Concentration	2	
Music	Varies	+Instrumental Ensemble	1	
Music	0006	Jazz Secondary Piano	1	
Music Studies	0032	Aural Skills	2	
Music Studies	0153	Theory (Jazz) Harmony I	3	
Music Ed	0335	Music Learning Theory	3	
Music Studies	0330	World Music	3	
Music Ed	0053	Lower Strings	1	
Subtotal			16	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0101	Instrumental Concentration	2	
Music	0105	Jazz Secondary Piano	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0154	Theory (Jazz) Harmony II	3	
Music	Varies	+Instrumental Ensemble	1	
Music	0123	Basic Conducting	1	
Music Studies	0160	Music in History	2	
Music Ed	0051	Woodwinds I	1	
Music	0011	Voice Class	1	
IH	X051	Intellectual Heritage	3	IA
Subtotal			16	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0102	Instrumental Concentration	2	
Music	0106	Jazz Secondary Piano	1	
Music	Varies	Choral Ensemble	1	
Music Studies	C143	Theory I	3	AR
Music	Varies	+Instrumental Ensemble	1	
Music	0124	Conducting Intermediate	1	
Music Studies	0161	Music in History	2	
Music	0012	Voice Class	1	
Music Ed	0220	Teach. Mus. Exceptional Children	2	
Music Ed	0340	Assessment of Music Learning	2	
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0201	Instrumental Concentration	2	
Music Studies	0144	Theory II (Traditional)	3	
Music Studies	0242	Orchestration	2	
Music	Varies	+Instrumental Ensemble	1	
Music	0331	Conducting (Instrumental)	2	
Music Studies	W260	Music in History	3	WI
Music Ed	0057	Woodwinds II	1	
Music Ed	W230	Teaching General Music	3	WI
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0202	Instrumental Concentration	2	
Music Studies	0333	Jazz Improvisation: Theory and Practice	2	
Music	Varies	+Instrumental Ensemble	1	
Music Studies	W261	Music in History	3	WI
Music Studies	0331	Jazz Arranging I	3	
Music Ed	0050	Percussion	1	
Music Ed	0056	Brass II	1	
Music Ed	0310	Curricular Opt. Secondary School Mus.	3	
Subtotal			16	

Fourth Year Senior – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0301	Instrumental Concentration	2	
Music	Varies	+Instrumental Ensemble	1	
Music Studies	0343	Counterpoint	2	
Music Studies	0132	History of Pop	3	
Music Studies	0318	Business of Music I	2	
Required Elective	Elective	Music Technology Elective	3	
Required Elective	Elective	Jazz Elective	1	
Physics	C067	*Physics (Acoustics)	3	SA
Subtotal			17	

Fourth Year Senior – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0302	Instrumental Concentration	2	
Music	Varies	+Instrumental Ensemble	1	
Music Ed	0245	Keyboard Harmony	3	
Music Studies	C243	Theory III (Jazz or Traditional)	3	QB
Music Ed	0350	Teaching Instrumental Music	3	
Music Studies	0138	History of Jazz	3	
Required Elective	Elective	Jazz Elective	2	
		Senior Project	0	
Subtotal			17	

Fifth Year Senior – 1st semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0341, 0351, 0352	Student Teaching	8	
Psych	C060	Psychology as a Social Science	3	IN
Subtotal			11	

Fifth Year Senior – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	+Instrumental Ensemble	1	
Education	X060	Edu. Schooling and Ind. in U.S. Society	3	AC
IH	X052	Intellectual Heritage	3	IB
Core	Elective	International Studies	3	IS
Core	Elective	***International Studies	3	IS
Music Studies	C315	**Computers in Musical Applications	3	SB
Subtotal			16	

DEGREE TOTAL

158

+ Two semesters of Marching Band are required. Normally this requirement is fulfilled in the fall semester of the freshman and sophomore years. A total of nine (9) semesters of instrumental ensembles are required; four credit hours must be earned in traditional instrumental ensembles and four credit hours must be earned in jazz instrumental ensembles. The ninth may be in either.

* See **Core Curriculum** for additional first level science courses. Acoustics C067, however, is strongly recommended. Acoustics C067 is a prerequisite for Computers in Mus. App. C315, another strongly recommended course for music education majors.

** See the **Core Section** of this *Bulletin* to see other approved second level science Core courses. Computers in Mus. App. C315, however, is strongly recommended for music education majors.

** Must be approved core course. At least one course must be in non-Western or Third World studies.

Music Technology Electives

- Music Studies 0321 Sound Recording (Fall)
- Music Studies 0335 Composing Music for Film (Fall)
- Music Studies 0346 MIDI (Fall)
- Music Studies 0316 Computer Music Synthesis (Spring)
- Music Studies 0329 Sound Editing (Spring)

MUSIC EDUCATION, VOICE CONCENTRATION WITH JAZZ STUDIES**Bachelor of Music (5 year)**

Major in Music Education Voice Concentration with Jazz Studies Component

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0013	Voice Concentration	2	
Music	0005	Secondary Piano	1	
Music Studies	0045	Intro. Music Theory & Lit.	2	
Music Studies	0031	Aural Skills	2	
Music		% Choral Ensemble	1	
Music Ed	0335	Music Learning Theory	3	
English	R050	College Composition	3	RC
Math	C055	College Math	3	QA
Subtotal			17	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0014	Voice Concentration	2	
Music	0006	Jazz Secondary Piano	1	
Music Studies	0032	Aural Skills	2	
Music Studies	0153	Theory Harmony I (Jazz)	3	
Music	Varies	% Choral Ensemble	1	
Music Ed	0054	Brass I	1	
Music Studies	0330	World Music	3	
Psych	C060	Psychology as a Social Science	3	IN
Subtotal			16	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0113	Voice Concentration	2	
Music	0105	Jazz Secondary Piano	1	
Music	Varies	%Choral Ensemble	1	
Music Studies	0154	Theory Harmony II (Jazz)	3	
Music	0123	Basic Conducting	1	
Music	0025	English Diction	1	
IH	X051	Intellectual Heritage	3	IA
Required Elective	0051	+Foreign Language	4	IS
Subtotal			16	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0114	Voice Concentration	2	
Music	0106	Jazz Secondary Piano	1	
Music Studies	C143	Theory I (Traditional)	3	AR
Music	Varies	%Choral Ensemble	1	
Music	0124	Conducting Intermediate	1	
Music Ed	W230	Teaching General Music	3	WI
Music Ed	0052	Upper Strings	1	
Required Elective	0052	+Foreign Language	4	IS
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0213	Voice	2	
Music	0332	Diction Skills	1	
Music Studies	0160	Music in History	2	
Music Studies	0331	Jazz Arranging I	3	
Music	Varies	%Choral Ensemble	1	
Music	0330	Conducting Choral	2	
Music Ed	0050	Percussion	1	
Music Ed	0058	Guitar I	1	
Physics	C067	*Physics (Acoustics)	3	SA
Subtotal			16	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0214	Voice Concentration	2	
Music	0333	Diction Skills	1	
Music Studies	0144	Theory II (Traditional)	3	
Music Studies	0161	Music in History	2	
Music Studies	0333	Jazz Improvisation: Theory and Practice	2	
Required Electives	Elective	##Jazz Electives	2	
Music	Varies	%Choral Ensemble	1	
Music Ed	0220	Teaching Music to Exceptional Children	2	
Music Ed	0051	Woodwinds I	1	
Subtotal			16	

Fourth Year Senior – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0313	Voice Concentration	2	
Music	Varies	%Choral Ensemble	1	
Music Studies	W260	Music in History	3	WI
Music Studies	0132	History of Pop	3	
Music Studies	0318	Business of Music I	2	
Music Technology		Elective	3	
Required Electives		Jazz Electives	3	
Subtotal			17	

Fourth Year Senior – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0314	Voice Concentration	2	
Music	Varies	%Choral Ensemble	1	
Music Ed	0245	Keyboard Harmony	3	
Music Studies	W261	Music in History	3	WI
Music Studies	C243	Theory III	3	QB
Music Studies	0343	Counterpoint	2	
Music Studies	0138	History of Jazz	3	
		Senior Project	0	
Subtotal			17	

Fifth Year Senior – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	%Choral Ensemble	1	
Required Elective		Jazz Elective	2	
Music Ed	0310	Curricular Opt. Secondary School Mus.	3	
Music	0353	Teaching Choral Music	2	
Music Ed	0340	Assessment of Musical Learning	2	
Education	X060	Education and Schooling in America	3	AC
Music Studies	C315	##Computers in Mus. Applications	3	SB
Subtotal			16	

Fifth Year Senior – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0341, 0351, 0352	Student Teaching	8	
IH	X052	Intellectual Heritage	3	IB
Subtotal			11	

DEGREE TOTAL 158

[%] Nine semesters of vocal ensembles are required; six must be earned in traditional vocal ensembles and three must be earned in jazz vocal ensembles.

⁺ This program requires two semesters of foreign language study. If the C061 level has been met by the language placement exam, then one year of another language must be taken. (Options include French, German and Italian.)

[#] See current *Schedule of Classes* for additional first level science courses. Acoustics C067, however, is strongly recommended. Acoustics C067 is a prerequisite for Computers in Mus. Appl. C315, another strongly recommended course for education majors.

^{##} See current *Schedule of Classes* for additional approved second level science core courses. Computers in Mus. Appl. C315, however, is strongly recommended for music education majors.

Music Technology Electives

- Music Studies 0321 Sound Recording (Fall)
- Music Studies 0335 Composing Music for Film (Fall)
- Music Studies 0346 MIDI (Fall)
- Music Studies 0316 Computer Music Synthesis (Spring)
- Music Studies 0329 Sound Editing (Spring)

MUSIC EDUCATION, INSTRUMENTAL CONCENTRATION WITH MUSIC TECHNOLOGY COMPONENT

Bachelor of Music

Major in Music Education Instrumental Concentration with Music Technology Component

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0001	Instrumental Concentration	2	
Music	0005	Secondary Piano	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro. Music Theory and Lit	2	
Music	Varies	+Instrumental Ensemble	1	
Music Ed	0054	Brass I	1	
English	R050	College Composition	3	RC
Music Studies	0330	World Music	3	
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0002	Instrumental Concentration	2	
Music	0006	Secondary Piano	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Music	Varies	+Instrumental Ensemble	1	
Music Ed	0056	Brass II	1	
Music Ed	0335	Music Learning Theory	3	
Music Ed	0331	Tech. for Ed. and Music (MT)	3	
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0101	Instrumental Concentration	2	
Music	0105	Secondary Piano	1	
Music Studies	0160	Music in History	2	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music	Varies	+Instrumental Ensemble	1	
Music	0123	Basic Conducting	1	
Music Ed	0052	Upper Strings	1	
Math	C055	College Math	3	QA
Music	0011	Voice Class	1	
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0102	Instrumental Concentration	2	
Music	0106	Secondary Piano	1	
Music Studies	0161	Music in History	2	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music	Varies	+Instrumental Ensemble	1	
Music	0124	Conducting Intermediate	1	
Music Ed	0053	Lower Strings	1	
Music Studies	0321	Sound Recording (MT)	3	
Music	0012	Voice Class	1	
Subtotal			17	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0201	Instrumental Concentration	2	
Music	Varies	Instrumental Ensemble	1	
Music	0331	Conducting (Instrumental)	2	
Music Studies	W260	Music in History	3	WI
Music Ed	W230	Teaching Gen. Music	3	
Physics	C067	Physics (Acoustics)	3	SA
Music Ed	0051	Woodwinds I	1	
Music Ed	0220	Teach Mus. Exceptional Children	2	
Subtotal			17	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0202	Instrumental Concentration	2	
Music	Varies	Instrumental Ensemble	1	
Music Studies	W261	Music in History	3	WI
Music Ed	0057	Woodwinds II	1	
Psych	C060	Psychology as a Social Science	3	IN
Core	Elective	%International Studies	3	IS
Music Studies	C315	Computers in Mus. Applications	3	SB
Subtotal			16	

Fourth Year Senior – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Instrumental Ensemble	1	
Core	Elective	%International Studies	3	IS
Music Ed	0245	Keyboard Harmony	3	
Education	X060	Education and Schooling in America	3	AC
Music Studies	0316	Computer Syn. of Mus.	3	
Music Studies	0335	Comp. Mus. for Film (MT)	3	
Subtotal			16	

Fourth Year Senior – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Instrumental Ensemble	1	
Music Ed	0340	Assessment Mus. Learning	2	
Music Ed	0310	Curricular Options in Secondary School Music	3	
Music Ed	0350	Teaching Instrumental Music	3	
Music Ed	0050	Percussion	1	
BTMM	0275	Intermediate Digital Audio	4	
Music Ed	0332	Interactive Multimedia (MT)	3	
Subtotal			17	

Fifth Year Senior – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Instrumental Ensemble	1	
IH	X051	Intellectual Heritage	3	IA
		Independent Study (MT)	3	
Music Ed	0333	Interact. Multimedia II (MT)	3	
Music Studies	0346	MIDI (MT)	3	
Music Studies	0347	Computer Mus. Studio (MT)	2	
Subtotal			15	

Fifth Year Senior – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0341, 0351, 0352	Student Teaching	8	
IH	X052	Intellectual Heritage	3	IB
Subtotal			11	

DEGREE TOTAL

159

⁺ Two semesters of Marching Band are required for students whose principal instruments are woodwinds, brass, and percussion. Normally this requirement is fulfilled in the FALL semester of the freshman and sophomore years.

[%] One International Studies course must be a non-western or third world course.

The above example demonstrates how the Music Technology component can be incorporated into a five-year music degree curriculum. This is only a demonstrative model, and is not the only curriculum to which the component may be added. Students interested in adding the component to their curriculum should contact their respective department chair for further information and specific curriculum guidelines.

MUSIC THERAPY

Darlene Brooks, Coordinator of Undergraduate Programs

215-204-8340

dmbrooks@temple.edu

www.temple.edu/musictherapy

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Fully approved by the American Music Therapy Association, this bachelor's degree program is designed to prepare students for entry-level clinical positions in music therapy. Upon successful completion of the degree, graduates are eligible to take the national examination of the Certification Board for Music Therapists, and thereby qualify for professional certification in the field.

Bachelor of Music

Major in Music Therapy

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music		Performance Concentration	2	
Music	0005	Secondary Piano	1	
Music	0011	*Voice Class	1	
Music Studies	0132	History of Pop	3	
Music Ed	0058	*Guitar I	1	
Music	Varies	Ensemble	1	
Music Studies	0045	Intro. to Mus. Theory and Lit.	2	
Music Studies	0041	Aural Theory I	2	
English	R050	College Composition	3	RC
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music		Performance Concentration	2	
Music	0006	Jazz Piano	1	
Music	0012	*Voice Class	1	
Music Ed	0058	*Guitar I	1	
Music	Varies	Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
Psych	C060	Psychology as a Social Science	3	IN
Music Studies	0330	World Music	3	
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music		Concentration	2	
Music	0105	*Jazz Secondary Piano	1	
Music Ed	0267	*Functional Guitar	1	
Music Ed	0247	Functional Voice	1	
Music	Varies	Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Ed	0354	Music Therapy Overview	3	
Math	C055	College Math	3	QA
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music		Concentration	2	
Music	0106	*Jazz Secondary Piano	1	
Music Ed	0268	*Functional Guitar	1	
Music Ed	0248	Functional Voice	1	
Music	Varies	Ensemble	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music History	2	
Music Ed	0370	Psychiatric Music Therapy	3	
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0257	*Functional Piano	1	
Music	0123	Basic Conducting	1	
Music Studies	W260	Music in History	3	WI
Music Ed	0371	Rehabilitative Music Therapy	3	
Music Ed	0362	*MT Clinical Training	2	
IH	X051	Intellectual Heritage	3	IA
Physics	C067	Physics (Acoustics)	3	SA
Subtotal			16	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0258	*Functional Piano	1	
Music	0124	Conducting Intermediate	1	
Music Studies	W261	Music in History	3	WI
Music Ed	0372	Developmental Music Therapy	3	
Music Ed	0362	*MT Clinical Training	2	
IH	X052	Intellectual Heritage	3	IB
Music Studies	C315	Computers in Musical Applications	3	SB
Subtotal			15	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0205	Jazz Secondary Piano	1	
Music Ed	0373	Medical Music Therapy	3	
Music Ed	0362	*MT Clinical Training	2	
Kinesiology	C100	Human Anatomy and Physiology I	4	
Psych	0131	Developmental Psychology	3	
Core	Elective	Language or International Studies (Relig X053)	3	IS
Subtotal			16	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0365	Music Therapy Foundations	3	
Music Ed	W364	Music Therapy Research	3	WI
Music Ed	0374	Music Therapy Ethics	2	
Psych	0150	Psychopathology	3	
Core	Elective	Language or International Studies (Anthro C061)	3	IS
Sociology	R064	American Ethnicity	3	AC, RS
Subtotal			17	

5th Year – Senior Internship

Department	Course #	Course Name	Hours	RCI
Music Ed	0376	MT Clinical Training*	1-6	
Subtotal			3	

DEGREE TOTAL 132-137

*Notes:

Voice Concentrations

- In lieu of Voice 0011-0012 (2 s.h.), classical singers must take History of Jazz 0138 (3 s.h.); jazz singers must take Commercial Arranging 0331 (3 s.h.).
- Classical and jazz singers must take Functional Voice 0247-0248 unless waived by examination.

Piano Concentrations

- In lieu of Secondary Piano 0005, 0006, 0105 (3 s.h.), classical pianists must take History of Jazz 0138 (3 s.h.); jazz pianists must take Commercial Arranging 0331 (3 s.h.).
- In lieu of Secondary Piano 0105, 0106, classical pianists must take two credits of jazz piano; jazz pianists must take two credits of jazz electives.
- Both classical and jazz pianists must take Functional Piano 0257-0258 unless waived upon examination by instructor.

Guitar Concentrations

- In lieu of Guitar 0058, 0059 (2 s.h.), classical guitarists must take History of Jazz 0138 (3 s.h.); jazz guitarists must take Arranging 0330 (3 s.h.).
- Both classical and jazz guitarists must take Functional Guitar 0267-0268 unless waived upon examination by the instructor.

Clinical Training

- A total of 1200 hours of supervised clinical training is required prior to graduation.

Music Therapy Grades

- Grades below B- in any music therapy course may not be applied toward degree requirements in music therapy. Students may retake such courses only once, only with faculty approval. If a grade below B- is earned upon retaking the course, the student will not be permitted to continue as a music therapy major, but may be eligible to change to a different curriculum.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

MUSIC THERAPY JAZZ CONCENTRATION

Bachelor of Music

Major in Music Therapy Jazz Concentration

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music		Jazz Concentration	2	
Music	0005	Secondary Piano	1	
Music	0011	Voice Class	1	
Music Ed	0058	Guitar I	1	
Music	Varies	Ensemble	1	
Music Studies	0045	Intro. to Music Theory & Literature	2	
Music Studies	0031	Aural Skills	2	
Music Studies	0132	History of Pop	3	
English	R050	College Composition	3	RS
Subtotal			16	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music		Jazz Concentration	2	
Music Studies	0006	Jazz Secondary Piano	1	
Music	0012	Voice Class	1	
Music Ed	0059	Guitar II	1	
Music	Varies	Ensemble	1	
Music Studies	0032	Aural Skills	2	
Music Studies	C143	Theory I (Section 4) (Jazz)	3	AR
Psych	C060	Psychology as a Social Science	3	IN
Music Studies	0330	World Music	3	
Subtotal			17	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music		Jazz Concentration	2	
Music Studies	0105	Jazz Secondary Piano	1	
Music Ed	0267	Functional Guitar	1	
Music Ed	0247	Functional Voice	1	
Music	Varies	Ensemble	1	
Music Studies	0033	Aural Skills	2	
Music Studies	0144	Theory II (Jazz)	3	
Music Ed	0354	Music Therapy Overview	3	
Math	C055	College Math	3	QA
Subtotal			17	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music		Jazz Concentration	2	
Music Studies	0106	Jazz Secondary Piano	1	
Music Ed	0268	Functional Guitar	1	
Music Ed	0248	Functional Voice	1	
Music	Varies	Ensemble	1	
Music Studies	C243	Theory III (Jazz)	3	QB
Music Studies	0161	Music History	2	
Music Studies	0138	History of Jazz	3	
Music Ed	0370	Psychiatric Music Therapy	3	
Subtotal			17	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0257	Functional Piano	1	
Music	0123	Basic Conducting	1	
Music Studies	W260	Music in History	3	WI
Music Ed	0371	Rehabilitative Music Therapy	3	
Music Ed	0362	*MT Clinical Training	1	
Physics	C067	Physics (Acoustics)	3	SA
IH	X051	Intellectual Heritage	3	IA
Subtotal			16	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0258	Functional Piano	1	
Music	0124	Conducting Intermediate	1	
Music Studies	W261	Music in History	3	WI
Music Ed	0372	Developmental Music Therapy	3	
Music Ed	0362	MT Clinical Training*	2	
Music Studies	C315	Computers in Musical Applications	3	SB
IH	X052	Intellectual Heritage	3	IB
Subtotal			16	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0205	Jazz Secondary Piano	1	
Music Ed	0362	*MT Clinical Training	2	
Music Ed	0373	Medical Music Therapy	3	
Kinesiology	C100	Human Anatomy and Physiology I	4	
Psych	0131	Developmental Psychology	3	
Core	Elective	Language or International Studies	3	IS
Subtotal			16	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Ed	0365	Music Therapy Foundations	3	
Music Ed	W364	Music Therapy Research	3	
Music Ed	0374	Music Therapy Ethics	2	
Psych	0150	Psychopathology	3	
Core	Elective	Language or International Studies	3	IS
Sociology	R064	American Ethnicity	3	AC & RS
Subtotal			17	

Fifth Year – Senior Internship

Department	Course #	Course Name	Hours	RCI
Music Ed	0376	MT Clinical Training*	1-6	
Subtotal			1-6	

DEGREE TOTAL 133-138

*Notes:

Voice Concentrations

- In lieu of Voice 0011-0012 (2 s.h.), classical singers must take History of Jazz 0138 (3 s.h.); jazz singers must take Commercial Arranging 0331 (3 s.h.).
- Classical and jazz singers must take Functional Voice 0247-0248 unless waived by examination.

Piano Concentrations

- In lieu of Secondary Piano 0005, 0006, 0105 (3 s.h.), classical pianists must take History of Jazz 0138 (3 s.h.); jazz pianists must take Commercial Arranging 0331 (3 s.h.).
- In lieu of Secondary Piano 0105, 0106, classical pianists must take two credits of jazz piano; jazz pianists must take two credits of jazz electives.
- Both classical and jazz pianists must take Functional Piano 0257-0258 unless waived upon examination by instructor.

Guitar Concentrations

- In lieu of Guitar 0058, 0059 (2 s.h.), classical guitarists must take History of Jazz 0138 (3 s.h.); jazz guitarists must take Arranging 0330 (3 s.h.).
- Both classical and jazz guitarists must take Functional Guitar 0267-0268 unless waived upon examination by the instructor.

Clinical Training

- A total of 1,200 hours of supervised clinical training is required prior to graduation.

Music Therapy Grades

- Grades below B- in any music therapy course may not be applied toward degree requirements in music therapy. Students may retake such courses only once, only with faculty approval. If a grade below B- is earned upon retaking the course, the student will not be permitted to continue as a music therapy major, but may be eligible to change to a different curriculum.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

BACHELOR OF SCIENCE PROGRAM

Janet Yamron, Associate Dean

215-204-8301

jamron@temple.edu

This program is designed to prepare students for entry-level positions in such fields as library science, the publishing industry, communications, the new computer software industry, and other new and diverse areas of the music profession. Applicants must arrange to take examinations in the area of musicianship before qualifying for admission to the program. This may be done by contacting Mr. James Short (215-204-8301) at the Boyer College of Music.

Bachelor of Science in Music Major

Freshman Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0005	Secondary Piano for Music Majors	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0041	Aural Theory I	2	
Music Studies	0045	Intro to Music Theory and Lit	2	
English	R050	College Composition	3	RS
Core	Elective	Individual and Society	3	AR
Related Arts	Elective	Elective	3	
Subtotal			15	

Freshman Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0006	Secondary Piano for Music Majors	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0042	Aural Theory II	2	
Music Studies	C143	Theory I	3	AR
IH	X051	Intellectual Heritage	3	IA
Math	C055	College Math	3	QA
Music Studies	0330	World Music	3	
Subtotal			16	

Sophomore Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	0105	Secondary Piano for Music Majors	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0141	Aural Theory III	2	
Music Studies	0144	Theory II	3	
Music Studies	0160	Music in History	2	
Core	0051	Foreign Language	4	
Physics	C067	Physics (Acoustics)	3	SA
Subtotal			16	

Sophomore Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	0106	Secondary Piano for Music Majors	1	
Music	Varies	Choral Ensemble	1	
Music Studies	0142	Aural Theory IV	2	
Music Studies	C243	Theory III	3	QB
Music Studies	0161	Music in History	2	
Core	0052	Foreign Language	4	
IH	X052	Intellectual Heritage	3	IB
Subtotal			16	

Junior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Choral Ensemble	1	
Music	0123	Basic Conducting	1	
Music Studies	W260	Music in History	3	WI
Music Studies	0242	Orchestration	2	
Core	C061	Foreign Language	3	IS
Core	Elective	American Culture/Race	3	AC, RS
Core	Elective	Academic Elective	3	
Subtotal			16	

Junior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Choral Ensemble	1	
Music	0124	Conducting Intermediate	1	
Music Studies	0343	Counterpoint	2	
Music Studies	W261	Music in History	3	WI
Music Studies	0241	Keyboard Harmony	3	
Foreign Language	0062	Elective	3	
Music Studies	C315	Science B/Computers in Mus. Appl.	3	SB
Subtotal			16	

Senior Year – 1st semester

Department	Course #	Course Name	Hours	RCI
Music	Varies	Choral Ensemble	1	
Music	0330	Conducting Choral	2	
Music Studies	0132 or 0138	History American Pop/Jazz	3	
Music Studies	C086	Music in American Society	3	
Required Elective		Music Electives	3	
General Elective		Academic Elective	3	
Subtotal			15	

Senior Year – 2nd semester

Department	Course #	Course Name	Hours	RCI
Music Studies	0345	Analysis	2	
Required Elective		Music Elective	5	
Required Elective		Music Elective	2	
Required Elective		Music Elective	2	
General Elective		Academic Elective	3	
Subtotal			14	

DEGREE TOTAL 124

MUSIC TECHNOLOGY COMPONENT

In addition to coursework leading to bachelor's degrees in Music, the Boyer College of Music offers a 36-credit component in Music Technology to qualified music majors. This component, which is distributed over a student's freshman through senior years, normally results in a five-year program of study.

The music technology component provides a structured sequence of courses for those students who desire to use new technologies to enhance their skills as performers, composers, teachers, and scholars. Courses focus on the creative, performance, and pedagogical aspects of music technology.

An example of how the Music Technology component can be incorporated into a five-year option can be found in the Program Description section of this *Bulletin* under the Music Education Department. Students interested in adding the component to their curriculum should contact their respective chair for further information and specific curriculum guidelines.



FOUNDED: 1974

*Robert T. Stroker, Dean
Department of Dance
1700 North Broad Street
Philadelphia, PA 19122-0843
215-204-8710
www.temple.edu/boyer/dance
danceadm@temple.edu*

MISSION

The Temple University Department of Dance is committed to artistic and academic excellence in a socially inclusive environment that affirms dance as central to society and culture. We value dance as a performing art manifested artistically, culturally and personally, and we embrace dance as a vehicle for social change. The department's artistic, scholarly and educational work is based on the premise that the physical dimensions of human experience are indivisible from their intellectual and spiritual counterparts.

ACCREDITATION

Full accredited Member of the National Association of Schools of Dance (NASD).

ADMISSIONS

Admission into the dance major program requires three items:

1. A general university application submitted to the Office of Undergraduate Admissions;
2. A dance application submitted to the Department of Dance; and,
3. Attendance at an audition located on Temple University Main Campus in Philadelphia.

A dance audition cannot be scheduled until the general university application has been submitted to the Office of Undergraduate Admissions and the Dance Admissions Office receives the completed dance application. Please note that Temple University will not make an admission decision until applicants attend a dance audition.

The dance audition consists of a technique classes divided into sections of ballet, modern, and African dance; a 1-2 minute solo of an applicant's own choreography; and an interview. The faculty attempts to choose students with physical, artistic, and intellectual potential to enter and complete the dance program and the University Core. The faculty is concerned that potential students' goals and aspirations are supported by the department philosophy, maximizing success in the program.

For additional information regarding dance admissions and for an application, please visit:

www.temple.edu/boyer/dance

FINANCIAL AID

Entering Student Scholarships are offered by the Dance Department following successful entrance auditions and are based on artistic talent and potential for success in the dance curriculum. No separate application is necessary. Awards range from \$1,000-\$2,500 and are for one year only.

AWARDS

BFA Performance Award

Honors a graduating BFA student who has demonstrated excellence in dance performance during the academic year.

BFA Choreography Award

Honors a graduating BFA student who has demonstrated excellence in choreography during the academic year.

BFA Scholar Award

Honors a graduating BFA student who has demonstrated excellence in overall academic achievement during the academic year.

DANCE ACADEMIC ADVISING CENTER

*Professor Philip Grosser
Dance Departmental Advisor
1700 N. Broad St. Suite 309
215-204-1942*

pgrosser@temple.edu

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status. It is not the responsibility of the advisor to monitor the academic rosters of individual students for errors in registration.

DANCE PROGRAM ACADEMIC POLICIES

Please see the Undergraduate Academic Policies. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status. Additional and unique policies, or exceptions for the Boyer College of Music and Dance appear below.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs)

Leave of Absence

Students must submit a written proposal to the BFA Coordinator no later than three months in advance of the semester in which the leave is to take place stating the reason(s) why the leave is necessary. A Leave of Absence must be authorized by the dance faculty. Leaves of Absence are approved for one semester only and will not be granted more than one time during the student's academic program.

Injury Policy

An injury may affect a student's ability to successfully continue in a course. A student who is injured is expected immediately to contact the assigned instructor to discuss the possibility of continuance in the course.

Dance Technique Placement Class

All entering and returning undergraduates are required to attend a modern and ballet technique placement class in the beginning of each semester. Students who do not attend the placement class will be subject to automatic placement in a class by the dance faculty.

Independent Study and Field Experience

Students who wish to register for Independent Study or Field Experience must submit a written proposal to the BFA Coordinator no later than two months in advance of the semester in which the study is to be accomplished. A student who is on academic probation may not register for Independent Study or Field Experience. Credits will not be granted retroactively, and no more than four credits will be awarded over the course of a student's undergraduate study.

Full-Time/Part-Time Status

The semester load for full-time undergraduate students is 17 credits. Undergraduate students must carry at least 12 credit hours to be classified as full-time. The BFA program in Dance requires matriculated students to attend on a full-time basis each semester. Students who have been full-time for at least four semesters may petition the BFA Coordinator no later than two months in advance for approval to enroll in the subsequent semester on a part-time basis. All requests for part-time status must be approved by the dance faculty. Part-time status is granted for one semester only. Students who are on academic probation are not eligible for part-time status. If a student is granted part-time status and is then placed on academic probation, part-time status will be revoked.

Academic Overloads (18 or more semester hours)

Academic overloads need special approval from the BFA Coordinator. Students who are on academic probation are not eligible for academic overloads.

First Year Program Review

At the end of the freshman year, each student's progress will be formally evaluated in the following categories to determine suitability for continued study within the dance program.

Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
Hours = credit hours
RCI = Required Core Indicator

Academic Progress:

- Students must maintain a 2.5 minimum average in dance courses each semester.
- Students must maintain a 2.25 minimum overall average each semester.
- No more than one grade below B- in a dance course is permitted.
- No withdrawals or incompletes in dance courses are permitted.
- At least one semester of production requirement must be completed.
- The following dance courses must be completed:
 1. Dance 0010: Movement Sources and Concepts
 2. Dance 0174: Freshman Repertory
 3. Dance 0070: Movement Improvisation
 4. At least 3 modern technique classes
 5. At least 2 ballet technique classes

Artistic Progress:

- **Technical Growth:** Students must be able to apply, demonstrate and verbally articulate conceptual understanding of alignment, strength and mobility. They must be able to learn and successfully perform movement phrases that deal with the following elements either singly or in simple combinations:
 1. Rhythmic pattern
 2. Change of direction
 3. Spatial pathways
 4. Peripheral and central movement initiation
 5. Contrasts in energy qualities
- **Improvisation:** Students must demonstrate their ability to spontaneously create solo movement and demonstrate their understanding of basic partnering techniques and of improvising in groups. Students will be able to generate movement material which both explores and expands their expressive range as dancers.

Creative Engagement:

1. Students must participate in one student performance or audition one finished work for the student concert;
2. Students must demonstrate consistent attendance, focus, intellectual curiosity and openness to new approaches, as reflected in faculty evaluations of student course work;

3. Students must demonstrate receptivity to feedback and in-class evaluation from instructors, and apply this information in subsequent work; and,
4. Students are expected to maintain positive professional interactions with peers and faculty.

Second Year Program Review

At the end of the second year, each student's progress will be evaluated in the following categories to determine suitability for continued study within the dance program. As part of this process, students will submit an essay in which they assess their artistic and professional development within the curriculum.

Academic Progress:

- Students must maintain a 2.5 minimum average in dance courses each semester.
- Students must maintain a 2.25 minimum overall average each semester.
- No more than one grade below B- in a dance course is permitted.
- No withdrawals or incompletes in dance courses are permitted.
- Both semesters of production requirement must be completed.
- Successful completion of the following dance courses in addition to those listed for the first year review:
 1. Dance 0072: Dance Composition I
 2. Dance 0073: Dance Composition II
 3. W315: Dance Modernism and W316: Dance Post-modernism or 2 other dance theory courses
 4. At least four more modern technique classes. (Note: By the end of the second year, students must minimally be ready to enter Modern Dance Level III.)
 5. At least two more elective technique classes

Artistic Progress:

- **Technical Growth:** Students must demonstrate awareness of postural alignment issues and articulate personal strategies for addressing them. Alignment and strength must be demonstrated in demi and grande plie in 1st and 2nd positions and in movement sequences through space. Evidence of adequate progress in these areas will be provided through faculty evaluations of student class work, and in faculty progress reports submitted for the Second Year Review.

Students must demonstrate:

- The ability to mobilize the spine over a stable base, the ability to execute leg gestures without disrupting spinal alignment;
- The ability to learn and perform movement phrases that deal with the following elements at increasing levels of complexity: stamina, elevation, level changes, balance, and falls;
- Rhythmic patterns: the ability to work with shifting accents;
- Changes in direction and level, simple turns;
- Spatial pathways, ability to reverse combinations;
- Peripheral and central movement initiation, breath, flow, momentum; and,
- Increasingly refined articulation of energy qualities and phrasing.
- **Choreography:** Students must be able to create and perform a dance that:
 - Successfully communicates an idea of personal significance;
 - Demonstrates the ability to develop thematic movement material;
 - Investigates movement imaginatively;
 - Explores a range of dynamic qualities; and,
 - Reflects a basic understanding of choreographic structure.

Students must also be able to discuss their work and the process by which they created it.

Creative Engagement:

- By the end of the sophomore year, students must have either: auditioned 1 piece of their choreography for a student concert or performed in 2 student works;
- In class, students must demonstrate consistent attendance, focus, intellectual curiosity, and openness to new approaches and as reflected in faculty evaluations of student course work;
- Students must demonstrate receptivity to feedback and in-class evaluations from instructors, and apply this information in subsequent work;
- Students are expected to maintain positive professional interactions with peers and faculty; and,
- Students are expected to participate in one audition or recruitment event

Dance Composition Sequence:

All students must enroll in the following courses in sequence: Dance Composition I, Dance Composition II, Dance Composition III, and Creative Process. These courses may not be taken out of quence any may not be taken during the same semester. All of the above courses must be successfully completed before a student can register for Senior Choreographic Projects.

Dance Technique:

Freshman dance majors must register for three modern technique classes and two ballet technique classes in the first year. Sophomore dance majors must be registered for modern technique at least four days a week. Junior and senior dance majors are required to be in technique classes at least four days a week, and are required to register for at least one modern dance course each semester. If a student fails to register for a modern technique class in any semester, he or she will be placed on academic probation.

In addition, students must fulfill a minimum of six credits in a secondary technique (ballet, jazz, or improvisation). Three African technique classes can also fulfill the secondary technique requirement. Students are also required to register for one African dance class by the time of graduation and two semesters of ballet technique during the first year of coursework.

GENERAL COLLEGE GRADUATION REQUIREMENTS

1. **Dance required GPA for graduation:** 2.25 cumulative, 2.5 in dance major
2. **Dance Contact Information:**
1700 N. Broad St., Suite 309, 215-204-8710
3. **Dance Requirements:** Please see Dance program of study.
4. **Special Course Sequence:** Dance Composition I, Dance Composition II, Dance Composition III, and Creative Process.
 - Must be taken in the above sequence.
 - Cannot be taken out of order or during the same semester.
 - All must be completed before students register for Senior Choreographic Projects.

PROGRAM DESCRIPTIONS

- The total number of credit hours may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
- Certain courses fulfill multiple requirements. In consultation with your academic advisor, you will be able to plan your curriculum more effectively.
- Students must fulfill the necessary prerequisites for any given course or course sequence. See the **Prerequisite and Co-Requisite Policy in University-Wide Academic Policies in the *Bulletin*, p. 52**

DANCE

Luke Kahllich, Chairperson
Philip Grosser, Undergraduate Coordinator
1700 N. Broad St., Suite 309
215-204-1942

pgrosser@temple.edu
www.temple.edu/boyer/dance

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Bachelor of Fine Arts in Dance emphasizes modern dance technique, performance, and choreography. The program provides a sound preparation for students wishing to pursue further training or embark on a professional career. Within the curriculum, students may elect courses that prepare them for work and/or further study in the fields of physical therapy, dance/movement therapy, dance production, education, and arts management. The BFA provides students with the opportunity to master a range of dance techniques, choreography, production, and theory, and to study other arts, sciences, and humanities.

The degree program in dance aims to:

- Guide students toward a balance of cognitive, analytic, intuitive, and creative skills;
- Aid students in development of their creative potential through technique, choreography, performance, research, and other creative media;
- Educate students about the various forms and purposes of dance within their historical, social, and cultural contexts;
- Provide intensive training in a range of dance techniques and styles as represented by the faculty and selected guest artists; and,
- Prepare students for professional careers as performing artists, choreographers, teachers, scholars, and informed and responsible leaders in academic and other professional settings.

The Bachelor of Fine Arts degree in Dance is conferred upon a student by recommendation of the faculty and upon the satisfactory completion of a minimum of 125 semester hours of credit and completion of the required Dance and University Core requirements.

Dance Resources: The Dance Department, with its three studios, rehearsal room, Pilates and Dance Medicine Clinic, black-box theater, video library, and assorted classrooms, embraces a broad array of activities. The Philadelphia Dance Collection at Temple University (PDCAT) provides access to the dance legacy of the region through a permanent collection of multi-format archival resources related to the history of Philadelphia dance.

Special Opportunities: The Conwell Dance Theater season provides many opportunities for students to perform and choreograph. A typical season features two student concerts, two Master of Fine Arts thesis concerts, two Bachelor of Fine Arts senior concerts, a faculty dance concert, and an alumni concert. Added to this are performances by guest artists, repertory showings, and informal student choreography performances. Recent guest artists have included Donna Uchizono; Sean Curren; Cornelius Carter; Ruth Andrien, former soloist with the Paul Taylor Dance Company; and Nina Watt, member of the Jose Limon Dance Company.

Requirements for the Dance Major

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin at

www.temple.edu/bulletin/academic_programs for up-to-date information.)

Dance – Required Foundation Courses

Department	Course #	Course Name	Hours	RCI
Dance	0010	Movement, Sources and Concepts	3	
Dance	0011	Movement as a Medium (students enrolled prior to fall 2004)	3	
Dance	0380	Rhythmic Analysis	3	
Dance	H195	Dance in Human Society-Honors	3	IS
Dance	0335	Introduction to Laban Movement Analysis	3	
Dance	0340	Dance Production	1	
Dance	0350	Lighting Design for Dance	3	
Dance	0320	Creative Process in Dance (students enrolled fall 2004 and after)	3	
Dance	W300	Creative Process in Dance (students enrolled prior to fall 2004)	3	WI
Dance	W315	Forces and Figures in 20th Century Dance (students enrolled prior to fall 2004)	3	WI
Dance	W315	Dance Modernism (students enrolled fall 2004 and after)	3	WI
Dance	W316	Dance Post-modernism (students enrolled fall 2004 and after)	3	WI
Dance	W397	Senior Seminar	3	WI*
Subtotal			28	

*Indicates Writing Capstone for major

Dance - Required Techniques**

Department	Course #	Course Name	Hours	RCI
Dance	0020	Modern Dance Level I	2	
Dance	0321	Modern Dance Level II A	2	
Dance	0322	Modern Dance Level II	2	
Dance	0323	Modern Dance Level III	2	
Dance	0324	Modern Dance Level III	3	
Dance	0325	Modern Dance Level IV	2	
Dance	0326	Modern Dance Level IV	3	
Dance	0327	Modern Dance Level V	3	
Dance	0030	Classical Ballet Level I	2	
Dance	0332	Classical Ballet Level II	2	
Dance	0333	Classical Ballet Level III	2	
Dance	0334	Classical Ballet Level IV	2	
Dance	0040	Jazz Dance Level I	2	
Dance	0342	Jazz Dance Level II	2	
Dance	0343	Jazz Dance Level III	2	
Dance	0351	African Dance Level I	1-3	
Dance	0352	African Dance Level II	1-3	
Subtotal			30	

**Note on Required Dance Techniques: Freshman dance majors are required to take 3 modern technique classes and 2 ballet technique classes in the first year. Sophomore dance majors are required to be in modern technique at least 4 days a week. Junior and senior dance majors must be in technique class 4 days a week, and are required to register for at least one modern dance course each semester. In addition, students are required to have a minimum total of 6 credits in a second technique, which could include: ballet, jazz, improvisation, or African dance. Students are also required to take one semester of African technique.

Performance and Choreography Required Courses

Department	Course #	Course Name	Hours	RCI
Dance	0070	Movement Improvisation I	2	
Dance	0072	Dance Composition I	2	
Dance	0073	Dance Composition II	2	
Dance	0074	Dance Composition III	2	
Dance	0174	Freshman Repertory	3	
Dance	0374	Dance Repertory	3	
		or		
Dance	0300	African Dance Repertory		
Dance	0390	Senior Choreographic Projects	3	
Subtotal			17	

Required University Core

Department	Course #	Course Name	Hours	RCI
English	C050	College Composition	3	CO
IH	X051	Intellectual Heritage I	3	IA
IH	X052	Intellectual Heritage II	3	IB
Core	Elective	Quantitative Reasoning, Level I	3	QA
Core	Elective	Quantitative Reasoning, Level II	3	QB
Core	Elective	American Culture	3	AC
Core	Elective	Arts (Cannot take C110 Entry to Dance as Art or C112 Pathways in American Dance)	3	AR
Core	Elective	Individual and Society	3	IN
Core	Elective	Studies in Race	3	RS
Core	Elective	Science and Technology, Level I	4	SA
Core	Elective	Science and Technology, Level II (Suggest D365 Dance Science and Somatics)	3	SB
Core	Elective	International Studies (Complete 1 academic course, Level 52 of Foreign Language, or Study Abroad program)	3	IS
Subtotal			37	

Dance or Other Electives***

Department	Course #	Course Name	Hours	RCI
Dance	0058	Hatha Yoga I	2	
Dance	0371	Movement Improvisation II	2	
Dance	R280	Dance, Movement and Pluralism	3	RS
Dance	0286	Field Experience in Dance	1-8	
Dance	0290	Independent Study in Dance	1-4	
Dance	0304	Dance and the Child	3	
Dance	0375	Contact Improvisation	2	
Dance	0365	Dance Science and Somatics	3	SB
Dance	0396	Principles of Dance Technology	3	
Subtotal (Dance and/or Other Discipline)			13	

***Dance or Other Electives: Remaining credits can be used for electives within the Dance Department or for courses in other academic areas. Within the department, students can take dance technique courses listed above or dance academic courses listed below.

FOUNDED: 1998

Keya Sadeghipour, Acting Dean
 A411 Barton Hall
 1900 N. 13th Street
 215-204-2888
 www.temple.edu/cst
 cst@temple.edu

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
 Hours = credit hours
 RCI = Required Core Indicator

INTRODUCTION

Science and technology have been responsible for a profound transformation of the world in the twentieth century and will drive the economy of the 21st century. The objectives of the undergraduate programs of the College of Science and Technology are to prepare students for careers in these important areas, and to graduate informed, responsible citizens.

The College approaches science and technology as a body of knowledge that has an advancing frontier and a complex interface with society. The traditional mandate for a university is to provide undergraduate students with a comprehensive education and the opportunity to focus closely on a particular area of study. The College of Science and Technology embraces this mandate and extends additional opportunities to our students. Science and Technology students are encouraged to participate in faculty research projects and thus experience the advancement of this body of knowledge.

Bachelor of Science programs offer a greater concentration in major course work, while Bachelor of Arts programs offer a greater variety of course work. All programs offer undergraduates the opportunity to work with distinguished faculty and a richly diverse and stimulating student body as they prepare for active roles in society.

MISSION STATEMENT

The mission of the College of Science and Technology is to provide students with the best possible resources for learning. The College's preeminent faculty, laboratories, and research facilities offer students the means necessary to excel in their academic endeavors. The College focuses on integrating the most advanced technology with fundamental concepts in a hands-on learning environment to prepare students for an active role as informed, responsible individuals for continued professional and personal success.

ADMISSIONS

See Undergraduate Admissions for more details.

FINANCIAL AID/ SCHOLARSHIPS

See Financial Information: Scholarships & Grants for more details.

SPECIAL PROGRAMS

Study Abroad

See Supplemental Educational Opportunities: International Programs for more information about study abroad options.

University Honors Program

Students in the College of Science and Technology may apply to the University Honors Program. Honors students are eligible to enroll in CST honors courses, provided that they have satisfied the prerequisites and corequisites. Honors courses are designated by an H followed by three digits, e.g. Mathematics H095 is Honors Calculus I. See Supplemental Educational Opportunities: University Honors Program.

Five-year Master's Programs and Teacher Certification

The Biology, Chemistry, Geology, Mathematics, and Physics Departments enable talented students to complete both a bachelor's and a master's degree in five years.

Students who want to combine teacher certification with a major in one of these areas may take a minor in Education during their undergraduate study. After earning a bachelor's degree in one of the aforementioned disciplines, students spend an additional year as a graduate student in the College of Education. Students who complete this program earn a Master of Education degree and are certified to teach in Pennsylvania schools. See the College of Education for more details.

Early Admission to Professional Programs

Students in the College of Science and Technology who have been admitted to health-related professional schools at the end of their third year and have completed 90 semester hours, including all requirements of the College and of their majors with a cumulative GPA of at least 3.5, may petition the Dean for the transfer of their first year in professional study toward the completion of the requirements for the degree of Bachelor of Arts.

AWARDS AND ACHIEVEMENTS

Awards

Juniors and seniors are often honored for outstanding performance in a variety of academic areas and for exceptional service to the College and the University. Information about these awards is available in departmental offices or in the Office of Student Services, A306 Barton Hall.

Phi Beta Kappa

See Supplemental Educational Opportunities: Honor Societies: Phi Beta Kappa.

STUDENT ASSOCIATIONS

Majors' Associations

Many of the departments within the College of Science and Technology support student interest organizations known as Majors' Associations or Societies. Each department organization provides an opportunity for students to interact with faculty and other students who share similar interests. It is through these venues that students may influence course offerings, faculty recruitment, and departmental policy.

- Temple University Biology Society
- Temple University Chemistry Society
- Association for Computing Machinery (CIS and IS&T)
- Geology Society
- Temple's Society for Undergraduate Mathematics
- Temple University Physics Society

ACADEMIC ADVISING

*The Office of Student Services
 A306 Barton Hall
 215-204-2890*

The Office of Student Services in the College of Science and Technology guides students from new student orientation through graduation to ensure that they complete all degree requirements and work to their fullest potential. Faculty advisors in each major use their knowledge of departmental curriculum to help students choose courses consistent with their specific career objectives.

Specialized services offered by this office include:

New Student Orientation – Individual advising and registration appointments for all newly admitted first semester freshmen and transfer students.

Advising and Registration Services – Students may want to meet with professional advisors at different times during their academic career to check on remaining graduation requirements. The walk-in and advising-by-appointment schedule is available at: www.temple.edu/cst/advising_office_hours.html.

Registration with an advisor is required for students with a cumulative or last semester attended or major GPA below 2.00 and for any students registering for 18 or more credits. Newly admitted or readmitted students are also required to meet with an advisor for registration.

Petitions for Exception to Policy – are reviewed on a rolling basis by the Director of Student Services. Typical petition requests include those for overload approval, to attend another institution for a semester or summer session, and curriculum exceptions.

Departmental Advising

After their New Student Orientation advising and registration session, students who have declared majors will have their academic credentials copied and forwarded to their major department for subsequent advising by faculty advisors. (An original file is always maintained at the collegiate level in the Office of Student Services.) Faculty advising is very important in developing ties between a student's academic program and his or her professional goals. Faculty advisors may assist students in finding research opportunities and professional internships and will help students choose courses that will best prepare them for their field of interest within a particular discipline.

Academic Advising and Student's Responsibility

All academic advisors are trained to read and evaluate information carefully to give students the best possible advice. However, primary responsibility for curriculum completion rests with the student. Every student must be aware of the requirements of his or her degree, and should obtain advising on a regular basis to ensure timely completion of his or her program.

Student Advisors/Ombudspersons

Each department in the College of Science and Technology has a Student Advisor/Ombudsperson (SA/O) who is a qualified undergraduate student in that department. The SA/O is thoroughly familiar with requirements and curricula of the department, and can competently advise fellow students on the courses and faculty members of the department. He or she also has information about career options for the department's graduates.

Student Grievance Procedure

The SA/O is familiar with the College of Science and Technology Grievance Procedure, and is the first person to consult in case of an academic grievance. The SA/O will serve as a student-faculty liaison, and attempt to resolve the grievance. A student must initiate this first stage of the academic grievance procedure no later than thirty days after the beginning of the fall or spring semester immediately following the completion of the course in which the grievance occurred. A copy of the College of Science and Technology grievance procedure can be obtained from the SA/O. Each SA/O has an office in his or her department, and the SA/O program coordinator is located in the Office of Student Services.

Continuing Student Registration

Continuing student registration is the period during the fall and spring semesters when currently enrolled students should register. Degree Audit Reports (DARS) provide a compact summary of a student's progress toward a degree, including a list of requirements yet to be completed. Students obtain their DARS documents from the office of their major departments.

Prior to processing their registrations, freshmen meet with advisors to review their DARS documents, discuss course selections for the upcoming semester and have their Personal Identification Numbers (PINs) activated. New transfer students and continuing students in good academic standing are encouraged to meet with their departmental advisors before processing their schedules via telephone registration or via OWLnet. Students ineligible to use telephone or online registration are required to meet with an advisor.

Pre-professional Advising

Students intending to pursue a degree in Pharmacy will reside in the College of Science and Technology. The curriculum and advising of these students are specifically tailored to fulfill the prerequisites set forth by the Temple University School of Pharmacy. Pre-pharmacy students must declare a major upon completion of 30 credits.

Many of the courses required by professional programs such as dentistry, medicine, pharmacy, and veterinary medicine are incorporated into College of Science and Technology curricula. This approach allows our students to fulfill degree requirements, while at the same time meeting admissions criteria for professional and graduate programs.

Knowledge gained in the College of Science and Technology curricula provides the foundation needed in preparing for Professional School entrance exams.

ACADEMIC POLICIES AND REGULATIONS

Please see the Undergraduate Academic Policies and Regulations in this *Bulletin*. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status. Additional and unique policies, or exceptions for the College of Science and Technology appear below.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)

Academic Hold

Any CST student who receives a grade below C- in a course required for the major shall be placed on "academic hold" and directed to see a department or CST advisor before the priority registration period of the subsequent semester. Students will not be able to priority register until they have had the "academic hold" removed by a CST or departmental advisor.

Adding or Changing Majors or Minors

CST Students:

In order to add or change majors or minors within the College of Science & Technology (CST), a CST student must meet with an advisor in the CST's Office of Student Services. The advisor will evaluate the student's record in accordance with the following policy:

1. CST students in their first semester at Temple University who wish to add or change majors or minors within the CST will be automatically approved, provided they are taking or have satisfied a core level Mathematics course.
2. Continuing CST students who wish to add or change to declared majors or minors within the CST must have a cumulative grade point average (GPA) of 2.00 or higher. Continuing CST students who wish to change their major to undeclared will be automatically approved, provided that the total of completed and registered credits is fewer than 60 credits.

Non-CST Students:

In order to add or change majors or minors within the College of Science & Technology (CST), a non-CST student must meet with an advisor in the CST's Office of Student Services. The advisor will evaluate the student's record in accordance with the following policy:

1. Students in their first semester at Temple University who wish to add a minor or second major within the CST will be automatically approved, provided they are taking or have satisfied a core level Mathematics course.
2. Continuing students who wish to add a minor or second major within the CST must have a cumulative grade point average (GPA) of 2.00 or higher and must have completed a course in their proposed major or minor with a grade of C (2.0) or better.

Course Eligibility

The College of Science and Technology offers three types of undergraduate courses:

1. Preparatory courses numbered 0001-0049: open to all students, full-time, part-time, matriculated, and non-matriculated.
2. Lower Level courses numbered 0050-0099 or C050-C099: open to all students, including non-matriculated students who are in the process of completing or have completed required co-requisite courses and have completed appropriate course prerequisites.
3. Upper Level courses numbered 0100-0399 or W100-W399: open to all students, including non-matriculated students who are in the process of completing or have completed required co-requisite courses and have completed appropriate course prerequisites.

Prerequisites and Co-requisites

Students will be de-enrolled from courses for which they do not meet prerequisites and co-requisites.

Courses Over Five Years Old

In admitting transfer or returning students, the College of Science and Technology will, when possible, allow credit for courses taken five or more years prior to the date of admission or rematriculation. The College of Science and Technology may choose not to accept courses regardless of age for credit in the major. Courses of a technical nature or courses in a particularly dynamic field may not be accepted for credit.

Final determination of the acceptability of such courses is the responsibility of the Office of Student Services and generally occurs after the student has matriculated or been rematriculated.

CST Program Performance

Students must maintain a 2.00 cumulative GPA in their major or track and make satisfactory progress toward their CST degrees to remain in good academic standing in the college. Students who are not in good academic standing in the college at the end of a semester will be warned for the following semester. Students who are not in good academic standing in the college at the completion of that following semester may be dropped from the CST programs.

Dean's List

During a fall or spring semester, a full-time student must:

- Pass 12 or more credits applicable to graduation, excluding any CR and P grades during that semester.
- Not receive any I, W, MG or NR grades during that semester
- Achieve a grade point average of 3.5 or higher during that semester.

During a fall and following spring semester, a part-time student must maintain the above criteria for 12 or more credits spread over two consecutive semesters.

Grading

Major, Minor, and Core courses must be completed with a letter grade of C– or higher. Math and CIS courses must be completed with a letter grade of C or higher.

Graduation Procedures

All College of Science and Technology students are required to complete a graduation review with an advisor in the Office of Student Services prior to the first semester of their senior year. Students should schedule a review once they have completed 90 semester hours. The graduation review involves a detailing of the courses completed and those that remain to be completed for graduation. Once a professional advisor completes the review, the Office of Student Services forwards the review to the student's department for the faculty advisor's approval.

Intra-University Transfer

In order to transfer into the College of Science and Technology, a student must meet with an advisor in the Office of Student Services. The advisor will evaluate the student's record in accordance with the following policy:

1. Students in their first semester at Temple University who wish to transfer into the College of Science and Technology will be automatically approved, provided that they are taking a core level Mathematics course or have satisfied the core Mathematics requirement.

2. Continuing students who wish to transfer into the College of Science and Technology must have a cumulative grade point average (GPA) of 2.25 or higher and must have completed both a core level Mathematics course and a core level Science (or additional core level Mathematics) course, both with a grade of C or better.

Students approved for an IUT must comply with the major requirements effective during the applicable semester of transfer.

Notice of Anticipation of Graduation

Early in the semester in which students will complete their degree requirements, they must notify the Office of Student Services in writing of their intent to graduate by completing a graduation application. Graduation applications are available at the Office of Student Services. The deadlines for returning the application are:

- October 17, 2005, for fall semester 2005
- February 15, 2006, for spring semester 2006
- June 1, 2006, for second summer semester 2006

Permission to Take Courses at Another Institution

Students in the College of Science and Technology who wish to take courses at another institution must petition the Office of Student Services for approval prior to enrolling in such a course. Petition forms are available in the Office of Student Services, A306 Barton Hall. The student is responsible for obtaining a course description from the other institution and attaching it to the petition form. The student takes the petition to the corresponding Temple department for faculty review, and then submits the petition to the Office of Student Services for final approval. Courses taken without prior approval will not be applied toward graduation. Requests from matriculated Temple students to take courses at another institution within commuting distance (less than 50 miles away from Temple's main campus) will not be approved unless there is a compelling

academic justification.

At least 30 of the last 45 semester hours of course work must be completed at Temple University, and at least half of the courses required in the department of the major must be taken at Temple. In order for a student to receive University Honors, the last 60 credits must be completed at Temple University.

Plagiarism and Academic Cheating

Plagiarism and academic cheating are prohibited by the College of Science and Technology. The development of independent thought and a respect for the thoughts of others is essential to intellectual growth. The prohibition of plagiarism and cheating is intended to foster this independence and respect. See **Academic Policies in this Bulletin**.

The penalty for plagiarism or cheating as a first offense is normally an F in the course in which the offense is committed. In such cases, the instructor writes a report to the Dean and the University Disciplinary Committee. The University Disciplinary Committee adjudicates all cases and student appeals.

Prerequisites and Co-requisites

Students may be de-enrolled from courses for which they do not meet prerequisites and co-requisites.

Readmission to the College of Science and Technology

College of Science and Technology students are required to submit an application for readmission after one full semester (fall or spring) of non-attendance. Any student who has not attended for five or more years must follow the major requirements that are in place at the time of readmission. The deadline to apply for readmission for the fall semester is July 1, the deadline for the spring semester is November 1, and the deadline for summer semester I and II is April 1.

Undeclared Majors

After completing 30 credits, undeclared majors in the College of Science and Technology will be notified that they need to select a major. Students who have completed 60 credits without declaring a major will have a hold placed on their record that will prevent them from registering.

Warning and Dismissal

All university policies on warning and dismissal hold with this addition: CST students who are put on Academic Warning will be required to see an academic advisor to review their proposed schedule of courses and sign an academic warning contract. If a student fails to do so within the first 5 days of the semester, he/she may be de-enrolled. See **University Warning**.

Probation, Dismissal and Reinstatement in this *Bulletin*, for more details.

GENERAL COLLEGE GRADUATION REQUIREMENTS

Requirements for the Bachelor of Science (B.S.) and the Bachelor of Arts (B.A.) Degrees

The College of Science and Technology offers two undergraduate degrees, a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.). The B.A. degree gives students a broad-based education, including the study of a foreign language. The B.S. degree is for those students who wish for more specialized training in their chosen disciplines.

Credit Hour Requirements

The College of Science and Technology requires that students complete a total of 123 credits. Of that total, 90 credits must be in the College of Science and Technology or the College of Liberal Arts (CLA). A course shall be classified as a College of Science and Technology or College of Liberal Arts course if it is offered by a department or program in either of the respective colleges – or if it is in the department of Economics and Art History or if it is taken to satisfy a major or minor requirement. Of those 90 credits, 45 must be in upper level courses. Students receiving a Bachelor of Arts (as opposed to Bachelor of Science) degree must take two courses numbered 0100 or above in the College of Liberal Arts.

A student with an intercollegial or interdisciplinary studies major can obtain information concerning the minimum number of semester hours in College of Science and Technology or College of Liberal Arts courses required for graduation from his or her major advisor and from the description of the major found in this *Bulletin*.

These credit-hour requirements apply to students who matriculated during or after the fall semester 1995. A maximum of nine semester hours in preparatory courses (courses numbered 0001-0049) may be applied to any baccalaureate degree.

Courses Inapplicable to Graduation

Semester hours earned in Mathematics 0045, military science, and RCC-enhanced courses are not credited toward the minimum semester hours required for graduation.

Grade Point Average GPA Requirement

The College of Science and Technology requires that students have a GPA of at least 2.00 overall and at least 2.00 in the department(s) of their major.

Bachelor of Science Requirements

Core

In addition to the requirements above, Bachelor of Science candidates must complete the University Core Curriculum in effect at the time of their matriculation.

Major

They must also complete the requirements of a departmental major. The minimum acceptable grade in a course taken to fulfill major requirements is a C– It is important to note that students enter the College of Science and Technology as Bachelor of Arts majors. If students wish to change their degree choice to Bachelor of Science, they must complete a declaration of major form in the Office of Student Services. B.S. majors are offered the following programs:

- Biochemistry
- Biology
- Biophysics
- Chemistry
- Computer and Information Sciences (CIS)
- Environmental Studies
- Geology
- Information Science and Technology
- Mathematics
- Mathematics and Physics
- Physics

Minor or Additional Specialization

Students pursuing a Bachelor of Science degree may also choose to fulfill the requirements of a second Major, Minor, or Additional Specialization. See below under Special Major and Minor Requirements.

Bachelor of Arts Requirements

Core

Bachelor of Arts candidates must complete the University Core requirements in effect at the time of their matriculation with the following difference: For the Core Language or International Studies requirement, candidates for the B.A. degree are required by the College to complete both an International Studies and a Language requirement by

- (a) completing the third semester of a language (course number C061, except in Critical Languages) and one international studies course or
- (b) completing the second semester of a language (course number 0052, except in Critical Languages) and two international studies courses, at least one of which must be “Third World/Non-Western.”

Upper Level Distribution Requirements

B.A. students must complete upper level distribution requirements by taking two upper level courses in one or more departments of the College of Liberal Arts or the Departments of Economics and Art History.

Students who have double majors, one of which is in the College of Liberal Arts or Economics and Art History, automatically satisfy the distribution requirement.

Major

Bachelor of Arts candidates must complete the requirements of a major. The minimum acceptable grade in a course taken to fulfill major requirements is a C–. B.A. majors are offered in the following programs:

- Biology
- Chemistry
- Computer and Information Sciences
- Earth Science (see Geology)
- Environmental Studies
- Information Science and Technology
- Mathematics
- Mathematical Economics
- Physics

Minor

Students may also choose to complete the requirements for a minor. The minimum acceptable grade in a course taken to fulfill minor requirements is C–. The minor must include at least three courses discrete from the major. At least half of the courses taken by a student to fulfill the minor must be taken at Temple. Forms for declaring a minor are available in the following programs:

- Biology
- Cognitive Neuroscience (see Psychology)
- Computer and Information Sciences
- Environmental Studies
- Geology
- Information Science and Technology
- Mathematics
- Physics

Double Major

Students may complete a double major by fulfilling all requirements for both majors, including at least four discrete courses in each.

INDIVIDUAL PROGRAM REQUIREMENTS

Certain courses fulfill multiple requirements. In careful consultation with your advisor, you will be able to optimize curriculum choices.

The total number of hours, required for the degree may vary based on initial placement exams, transfer evaluations, individual curriculum choices, and academic programs.

The following is information about programs and majors offered in the College of Science and Technology. Listed under each degree program are the courses students must successfully complete to earn that particular B.A. or B.S. degree. These required courses are in addition to the University Core Curriculum requirements.

Students who transfer into the College of Science and Technology must complete at least 30 of their last 45 semester hours of course work at Temple, and at least half of the courses required in the department of the major must be taken at Temple. Please refer to degree programs for the specific number of major courses required.

PROGRAM DESCRIPTIONS

The following is information about programs and majors offered in the College of Science and Technology. Listed under each degree program are the courses students must successfully complete to earn that particular B.A. or B.S. degree. These required courses are in addition to the University Core Curriculum requirements and the College's requirements. See **Core Curriculum and Requirements for the Bachelor of Science (B.S.) and Bachelor of Arts (B.A.) Degrees.**

BIOCHEMISTRY

Dr. Frank Chang, Advisor
Biology Department
Biology-Life Sciences Bldg. 301
215-204-8843
frank.chang@temple.edu

Dr. Robert Stanley, Advisor
Chemistry Department
Beury Hall 248
215-204-2027
robert.stanley@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Bachelor of Science Requirement for the Major

The biochemistry degree consists of fundamental biology and chemistry courses plus biochemistry lecture and laboratory courses: Chemistry 0371 (Biochemistry - Structure and Function), Biology 0376/Chemistry 0372 (Biochemistry - Metabolism), and Biology 0344 (Research Techniques in Biochemistry). In addition to these, the following courses are required: Calculus I, II, III*; General Chemistry I, II w/ labs; Organic Chemistry I, II w/ labs; calculus-based physics I, II; Biology 0102, 0203, W204, 0324; Chemistry 0213, 0231; 2 biochemistry electives selected from the following: Biology 0234, 0265, 0317, 0320, 0325, 0327, 0328, 0330, 0352, 0363, 0367, 0370, 0371, 0374, 0381, 0385 Chemistry W314, 0232, 0301, 0321, 0374.

* A third biochemistry elective can be substituted for Calculus III.

YEAR 1 – FALL

Department	Course #	Course Name	Hours	RCI
Chemistry	C071	General Chemistry I	3	SA
Chemistry	C073	General Chemistry I Laboratory	1	SA
		or		
Chemistry	C081	General Chemical Science I	3	SA
Chemistry	C083	General Chemical Science I Laboratory	1	SA
		or		
Chemistry	H091	Honors General Chemistry I	3	SA
Chemistry	H093	Honors General Chemistry I Laboratory	1	SA
Mathematics	C085	Calculus I	4	QB
		or		
Mathematics	H095	Honors Calculus I	4	QB
Subtotal			8	

YEAR 1 – SPRING

Department	Course #	Course Name	Hours	RCI
Chemistry	C072	General Chemistry II	3	SB
Chemistry	C074	General Chemistry II Laboratory	1	SB
		or		
Chemistry	C082	General Chemical Science II	3	SB
Chemistry	C084	General Chemical Science II Laboratory	1	SB
		or		
Chemistry	H092	Honors General Chemistry II	3	SB
Chemistry	H094	Honors General Chemistry II Laboratory	1	SB
Mathematics	0086	Calculus II	4	
		or		
Mathematics	H096	Honors Calculus II	4	
Subtotal			8	

YEAR 2 – FALL

Department	Course #	Course Name	Hours	RCI
Chemistry	0121	Organic Chemistry I	3	
Chemistry	0123	Organic Chemistry I Lab	1	
		or		
Chemistry	0181	Organic Chemistry I for Majors	3	
Chemistry	0183	Organic Chemistry I Lab for Majors	1	
		or		
Chemistry	H191	Honors Organic Chemistry I	3	
Chemistry	H193	Honors Organic Chemistry I Lab	1	
Biology	0103	Introduction to Biology	4	
		or		
Biology	H103	Honors Introduction to Biology	4	
Physics	0121	General Physics I	4	
		or		
Physics	C087	Elementary Classical Physics I	4	SA
Subtotal			12	

YEAR 2 – SPRING

Department	Course #	Course Name	Hours	RCI
Chemistry	0122	Organic Chemistry II	3	
	0124	Organic Chemistry II Lab	1	
		or		
Chemistry	0182	Organic Chemistry II for Majors	3	
	0184	Organic Chemistry Lab II for Majors	1	
		or		
Chemistry	H192	Honors Organic Chemistry II	3	
	H194	Honors Organic Chemistry II Lab	1	
Physics	0122	General Physics II	4	
		or		
Physics	C088	Elementary Classical Physics II	4	SB
Subtotal			8	

YEAR 3 – FALL

Department	Course #	Course Name	Hours	RCI
Biology	W204	Cell Structure and Function	4	WI
Chemistry	0213	Techniques of Chemical Measurement I	3	
Chemistry	0231	Physical Chemistry Lecture I	3	
Subtotal			10	

YEAR 3 – SPRING

Department	Course #	Course Name	Hours	RCI
Biology	0203	Genetics	4	
Chemistry	0371	Biochemistry I – Structure and Function	3	
Biochemistry		Electives**	3-4	
Subtotal			10-11	

YEAR 4 – FALL

Department	Course #	Course Name	Hours	RCI
Biology	0376	General Biochemistry II	3	
		or		
Chemistry	0372	Biochemistry II	3	
Biology	0324	Molecular Biology	3	
Biochemistry		Electives**	3-4	
Subtotal			12-13	

YEAR 4 – SPRING

Department	Course #	Course Name	Hours	RCI
Biology	0344	Research Techniques in Biochemistry	4	
Biochemistry		Electives**	3-5	
Subtotal			7-9	

Credits in coursework for Biochemistry	72-76
Credits in Core/ Electives	44-48
Total Credits for B.S. Degree	123

**Biochemistry Electives

Department	Course #	Course Name	Hours	RCI
Biology	0234	Mammalian Physiology	4	
Biology	0265	Embryology	4	
Biology	0317	General Microbiology	4	
Biology	0320	Human Genetics	3	
Biology	0325	Research Techniques in Molecular Biology	4	
Biology	0327	Immunology	3	
Biology	0328	Virology	3	
Biology	0330	Cell Biology	3	
Biology	0352	Neurobiology	3	
Biology	0363	Genetic Control of Mammalian Development	3	
Biology	0367	Endocrinology	3	
Biology	0370	Comparative Animal Physiology	3	
Biology	0371	Cell Proliferation	3	
Biology	0374	Physical Biochemistry	3	
Biology	0381	Membrane Biochemistry and Biophysics	3	
Biology	0385	Contemporary Biology	3	
Chemistry	W314	Techniques of Chemical Measurement II	5	WI
Chemistry	0232	Physical Chemistry Lecture II	3	
Chemistry	0301	Inorganic Chemistry	3	
Chemistry	0321	Organic Structure and Mechanisms	3	
Chemistry	0374	Physical Biochemistry	3	
Mathematics	0127	Calculus III	4	

Note: Other courses may be acceptable with the permission of one of the biochemistry advisors.

BIOLOGY

Dr. Shohreh Amiri, Department Chair

Dr. Shepherd K. Roberts, Advisor

401 Biology Life Sciences

215-204-8854

sroberts@temple.edu

www.temple.edu/biology/

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Major Requirements

Foundation courses 52 s.h., Biology courses: 0101, 0102, 0203, W204, 0227, two semesters of calculus, two semesters each of general and organic chemistry with labs, and two semesters of calculus-based physics.

Upper level Biology elective courses

- Bachelor of Arts (three Biology electives above the 0204 level)
- Bachelor of Science (six Biology elective courses above the 0204 level; For the B.S. only, two Biology electives can be replaced from the following: Anthropology 0164; Chemistry 0231 and 0232; Electrical Engineering 0154; Electrical Engineering Technology 0104; Mathematics 0127; Physics 0161 and 0221; Statistics 0403.
- Graduate level courses, described in the Graduate Bulletin, can be taken as electives with special permission.

A grade of C- or higher is required in all courses for the major, including course prerequisites and a grade point average of 2.0 or better is required in Biology courses in order to graduate.

Minor Requirements

Students interested in acquiring basic knowledge in biology but not wishing to major in the subject may pursue a minor by successful completion of Biology 0101 and 0102 (Introduction to Biology), plus three additional Biology electives at the 0200 level or above. At least one of these additional Biology electives must have a laboratory component.

Note that Chemistry C071 and C072 (with labs) are the co- or pre-requisites for Biology 0101 and 0102. Please consult the Biology Department's Advisor when choosing the three additional courses to ensure that prerequisites have been satisfied. (A minimum of 18 credits in Biology is required for the minor)

Distinction in the Major

Students interested in laboratory research are encouraged to participate in the Biology Research Program. Distinction in Biology is awarded on the basis of independent laboratory projects conducted under the supervision of a faculty member. Admission to the program is by application to the Biology Department during the first semester of the junior year. Completion of this Program will substitute for one Biology Elective course.

Concentration in Neuroscience

Undergraduate students with an interest in Neuroscience may apply to the Neuroscience Program after declaration of a major in biology or psychology. Upon successful completion of their departmental and Neuroscience Program requirements, students receive a bachelor's degree with a Specialization in Neuroscience.

Neuroscience Program Requirements

- Completion of three Neuroscience courses with a grade of B or better. Courses may be selected from: Biology 0304, 0354, 0356; Communication Science 0235; Philosophy 0444; Psychology 0260, 0265, 0275.
- One year of Neuroscience research with a faculty member of the Neuroscience Program, with public and written presentation of the results. Two faculty members in the Neuroscience Program must approve the written presentation.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information.)

Bachelor of Arts Requirements for the Major

YEAR 1 – FALL

Department	Course #	Course Name	Hours	RCI
Chemistry	C071	General Chemistry I	3	SA
Chemistry	C073	General Chemistry I Laboratory	1	SA
		or		
Chemistry	C081	Chemical Science I	3	SA
Chemistry	C083	General Chemical Science I Laboratory	1	SA
		or		
Chemistry	H091	Honors General Chemistry I	3	SA
Chemistry	H093	Honors General Chemistry I Laboratory	1	SA
Mathematics	C085	Calculus I	4	QB
		or		
Mathematics	H095	Honors Calculus I	4	QB
Core		Library Orientation	0	
Subtotal			8	

YEAR 1 – SPRING

Department	Course #	Course Name	Hours	RCI
Chemistry	C072	General Chemistry II	3	SB
Chemistry	C074	General Chemistry II Laboratory	1	SB
		or		
Chemistry	C082	General Chemical Science II	3	SB
Chemistry	C084	General Chemical Science II Laboratory	1	SB
		or		
Chemistry	H092	Honors General Chemistry II	3	SB
Chemistry	H094	Honors General Chemistry II Laboratory	1	SB
Mathematics	0086	Calculus II	4	
		or		
Mathematics	H096	Honors Calculus II	4	
Biology	0101	Introduction to Biology	4	
		or		
Biology	H101	Honors Introduction to Biology	4	
Subtotal			12	

YEAR 2 – FALL

Department	Course #	Course Name	Hours	RCI
Chemistry	0121	Organic Chemistry I	3	
Chemistry	0123	Organic Chemistry I Laboratory	1	
		or		
Chemistry	0181	Organic Chemistry I for Majors and	3	
Chemistry	0183	Organic Chemistry I for Majors I Laboratory	1	
		or		
Chemistry	H191	Honors Organic Chemistry I and	3	
Chemistry	H193	Honors Organic Chemistry I Laboratory	1	
Biology	0102	Introduction to Biology	4	
		or		
Biology	H102	Honors Introduction to Biology	4	
Physics	0121	General Physics I	4	
Subtotal			12	

YEAR 2 – SPRING

Department	Course #	Course Name	Hours	RCI
Chemistry	0122	Organic Chemistry II	3	
Chemistry	0124	Organic Chemistry II Laboratory	1	
		or		
Chemistry	0182	Organic Chemistry for Majors II	3	
Chemistry	0184	Organic Chemistry for Majors II Laboratory	1	
		or		
Chemistry	H192	Honors Organic Chemistry II	3	
Chemistry	H194	Honors Organic Chemistry II Laboratory	1	
Biology	0203	Genetics	4	
Physics	0122	General Physics II	4	
Subtotal			12	

YEAR 3 – FALL

Department	Course #	Course Name	Hours	RCI
Biology	W204	Cell Structure and Function	4	WI*
Subtotal			4	

YEAR 3 – SPRING

Department	Course #	Course Name	Hours	RCI
Biology	0227	Principles of Ecology	4	
Subtotal			4	

YEAR 4 – FALL

Department	Course #	Course Name	Hours	RCI
Biology	Elective	Biology Elective above 0204 level^	3-4	
Biology	Elective	Biology Elective above 0204 level^	3-4	
Subtotal			6-8	

YEAR 4 – SPRING

Department	Course #	Course Name	Hours	RCI
Biology	Elective	Biology Elective above 0204 level^	3-4	
Subtotal			3-4	

^ If the student has taken the necessary prerequisite courses, some of the Biology elective courses may be taken before the Spring semester of Year 3.

Credits in coursework for Biology B.A.:	61-64
Core /Electives	59-62
Total Credits for B.A. degree	123

* Indicates writing capstone for major

Bachelor of Science Requirements for the Major

B.S. YEAR 1 – FALL THROUGH YEAR 3 – FALL

Department	Course #	Course Name	Hours	RCI
		Identical To Bachelor Of Arts Requirements		

YEAR 3 – SPRING

Department	Course #	Course Name	Hours	RCI
Biology	0227	Principles of Ecology	4	
Biology	Elective	Biology Elective above 0204 level^	3-4	
Subtotal			7-8	

YEAR 4 – FALL

Department	Course #	Course Name	Hours	RCI
Biology	Elective	Biology Elective above 0204 level^	3-4	
Biology	Elective	Biology Elective above 0204 level^	3-4	
Biology	Elective	Biology Elective above 0204 level^	3-4	
Subtotal			9-12	

YEAR 4 – SPRING

Department	Course #	Course Name	Hours	RCI
Biology	Elective	Biology Elective above 0204 level ^	3-4	
Biology	Elective	Biology Elective above 0204 level^	3-4	
Subtotal			6-8	

^ If the student has taken the necessary prerequisite courses, some of the Biology elective courses may be taken before the Spring semester of Year 3. For the B.S. only, two Biology electives may be replaced by courses from the following list: Statistics 0403; Mathematics 0127; Chemistry 0231 and 0232; Physics 0161 and 0221; Electrical Engineering Technology 0104; Electrical Engineering 0154; Anthropology 0164.

Credits in Coursework for B.S. in Biology	70-76
Core /Electives	47-53
Total Credits for B.S. degree	123

BIOPHYSICS

Dr. C. Jeff Martoff, Department Chair

Dr. Zbigniew Dziembowski, Advisor

215-204-7639

zbig.dziembowski@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Bachelor of Science

Calculus I, II, III; General Chemistry I, II w/ labs; Organic Chemistry I, II w/labs; calculus-based physics I, II; Biology 0102, 0203, W204; Physics 0184, 0187, 0188, 0231; and four biophysics elective courses.

Requirements for the Major

YEAR 1 – FALL

Department	Course #	Course Name	Hours	RCI
<i>Select one pair:</i>				
Chemistry	C071	General Chemistry I and	3	SA
Chemistry	C073	General Chemistry I Laboratory	1	SA
<i>or</i>				
Chemistry	C081	Chemical Science I and	3	SA
Chemistry	C083	General Chemical Science I Laboratory	1	SA
<i>or</i>				
Chemistry	H091	Honors General Chemistry I and	3	SA
Chemistry	H093	Honors General Chemistry I Laboratory	1	SA
<i>Select one:</i>				
Math	C085	Calculus I	4	QB
<i>or</i>				
Math	H095	Honors Calculus I	4	QB
Subtotal			8	

YEAR 1 – SPRING

Department	Course #	Course Name	Hours	RCI
<i>Select one pair:</i>				
Chemistry	C072	General Chemistry II and	3	SB
Chemistry	C074	General Chemistry II Laboratory	1	SB
<i>or</i>				
Chemistry	C082	Chemical Science II and	3	SB
Chemistry	C084	General Chemical Science II Laboratory	1	SB
<i>or</i>				
Chemistry	H092	Honors General Chemistry II and	3	SB
Chemistry	H094	Honors General Chemistry II Laboratory	1	SB
<i>Select one:</i>				
Math	0086	Calculus II	4	
<i>or</i>				
Math	H096	Honors Calculus II	4	
Subtotal			8	

YEAR 2 – FALL

Department	Course #	Course Name	Hours	RCI
<i>Select one pair:</i>				
Chemistry	0121	Organic Chemistry I and	3	
Chemistry	0123	Organic Chemistry I Lab	1	
<i>or</i>				
Chemistry	0181	Organic Chemistry I for Majors and	3	
Chemistry	0183	Organic Chemistry I for Majors Lab	1	
<i>or</i>				
Chemistry	H191	Honors Organic Chemistry I and	3	
Chemistry	H193	Honors Organic Chemistry I Lab	1	
Math	0127	Calculus III	4	
<i>Select one:</i>				
Physics	C087	Elementary Classical Physics I	4	SA
<i>or</i>				
Physics	0121	General Physics I	4	
Subtotal			12	

YEAR 2 – SPRING

Department	Course #	Course Name	Hours	RCI
<i>Select one pair:</i>				
Chemistry	0122	Organic Chemistry II and	3	
	0124	Organic Chemistry II Lab	1	
<i>or</i>				
	0182	Organic Chemistry II for Majors and	3	
	0184	Organic Chemistry II for Majors Lab	1	
<i>or</i>				
	H192	Honors Organic Chemistry II and	3	
	H194	Honors Organic Chemistry II Lab	1	
<i>Select one:</i>				
Physics	C088	Elementary Classical Physics II	4	SB
<i>or</i>				
Physics	0122	General Physics II	4	
Subtotal			8	

YEAR 3 – FALL

Department	Course #	Course Name	Hours	RCI
<i>Select one:</i>				
Biology	0102	Introduction to Biology I	4	
<i>or</i>				
Biology	H102	Honors Introduction to Biology I	4	
Subtotal			4	

YEAR 3 – SPRING

Department	Course #	Course Name	Hours	RCI
Elective [†]	Elective	Biophysics Elective	3-4	
Elective [†]	Elective	Biophysics Elective	3-4	
Subtotal			6-8	

YEAR 4 – FALL

Department	Course #	Course Name	Hours	RCI
Biology	W204	Cell Structure and Function	4	WI*
Physics	0187	Electricity and magnetism with Lab	4	
Physics	0231	Thermodynamics and Kinetic theory	3	
Elective [†]	Elective	Biophysics Elective	3-4	
Subtotal			14-15	

YEAR 4 – SPRING

Department	Course #	Course Name	Hours	RCI
Biology	0203	Genetics	4	
Physics	0184	Mathematical Physics	4	
Physics	0188	Introduction to Modern Physics w/ Lab	4	
Elective [†]	Elective	Biophysics Elective	3-4	
Subtotal			15-16	

[†] Four courses, all at the 0200-level or above, chosen from electives in Physics, Neurobiology, Physiology, Genetics, Cell Structure, Biophysics, Biochemistry and Physical Chemistry. At least two of these elective courses must be in Physics. Biophysics majors who plan to do graduate Biophysics in a Physics department should choose Physics 0201, 0211, W215 and 0306. Such students should try to complete as much of the standard BS program in Physics as time allows. Students planning to go to medical school should complete Biology 0101, Introduction to Biology.

Total credits for B.S. degree	123
Credits for coursework in Biophysics:	75-79
Core / Electives:	44-48

CHEMISTRY

Dr. Robert Levis, Acting Chair

Dr. David Dalton, Advisor

BE 340

215-204-7138

david.dalton@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The Department of Chemistry is one of the oldest departments in the University and has a long record of preparing students for careers in science. Both Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degrees are available, depending upon a student's career goals. Since a significant portion of America's chemical industry is centered in the Philadelphia region, there is a wide range of career opportunities locally available. Although most of our students have gone on to medicine, dentistry, or the chemical industry, recent graduates have also gone on to careers in law, forensics, and even art restoration.

All prospective majors should schedule an appointment with one of the Departmental advisors (names of current advisors are available from the Chemistry office, BE 201) to plan a program of study. The recommended order of courses for the two majors is listed below; a different order is acceptable as long as the student adheres to prerequisite requirements.

Five-year Master's Program

Chemistry majors in their junior year may apply for admission to the fifth year M.A. Program. Upon admission to the program and satisfactory completion of the program requirements, the student is assured of having a master's degree at the end of the fifth year. Interested students should contact their advisor for details.

Bachelor of Arts Requirements for the Major

Two semesters of calculus, and an option of Calculus III or Computer and Information Sciences C071; General Chemistry I, II with labs; Organic Chemistry I, II with labs; calculus-based physics I, II; the following advanced chemistry courses: 0129, 0213, 0231, 0232, and a choice of W237 or W314 (capstone writing course). If Chemistry W237 is chosen, an additional course in chemistry numbered 0301 or above is required. If Chemistry W314 is chosen, an additional course is required, chosen from a list of chemistry, biology, physics, geology, and mathematics courses.

YEAR 1 – FALL

8

Department	Course #	Course Name	Hours	RCI
<i>Select one:</i>				
Chemistry	C071	General Chemistry I	3	SA
		or		
Chemistry	C081	General Chemical Science I	3	SA
		or		
Chemistry	H091	Honors General Chemistry I	3	SA
<i>Select one¹:</i>				
Chemistry	C073	General Chemistry Laboratory I	1	SA
		or		
Chemistry	C083	Chemical Science Laboratory I	1	SA
		or		
Chemistry	H093	Honors General Chemistry Laboratory I	1	SA
<i>Select one:</i>				
Mathematics	C085	Calculus I	4	QB
		or		
Mathematics	H095	Honors Calculus I	4	QB

¹Select the laboratory to match the lecture; C073 with C071, C083 with C081, or H093 with H091

YEAR 1 – SPRING

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Department	Course #	Course Name	Hours	RCI
<i>Select one:</i>				
Chemistry	C072	General Chemistry II	3	SB
		or		
Chemistry	C082	General Chemical Science II	3	SB
		or		
Chemistry	H092	Honors General Chemistry II	3	SB
<i>Select one²:</i>				
Chemistry	C074	General Chemistry Laboratory II	1	SB
		or		
Chemistry	C084	Chemical Science Laboratory II	1	SB
		or		
Chemistry	H094	Honors General Chemistry Laboratory II	1	SB
<i>Select one:</i>				
Mathematics	0086	Calculus II	4	
		or		
Mathematics	H096	Honors Calculus II	4	

²Select the laboratory to match the lecture; C074 with C072, C084 with C082, or H094 with H092

YEAR 2 – FALL

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Department	Course #	Course Name	Hours	RCI
<i>Select one:</i>				
Chemistry	0121	Organic Chemistry I	3	
		or		
Chemistry	0181	Organic Chemistry for Majors I	3	
		or		
Chemistry	H191	Organic Chemistry for Honors I	3	
<i>Select one³:</i>				
Chemistry	0123	Organic Chemistry Laboratory I	1	
		or		
Chemistry	0183	Organic Majors Laboratory I	1	
		or		
Chemistry	H193	Organic Honors Laboratory I	1	
<i>Select one:</i>				
Mathematics	0127	Calculus III	4	
		or		
Computer & Info Sci	C071	Computer Programming in C	4	QB
<i>Select one:</i>				
Physics	C087	Elementary Classical Physics I	4	SA
		or		
Physics	0121	General Physics I	4	

³Select the laboratory to match the lecture; 0123 with 0121, 0183 with 0181, or H193 with H191

YEAR 2 – SPRING

9

Department	Course #	Course Name	Hours	RCI
<i>Select one:</i>				
Chemistry	0122	Organic Chemistry II	3	
		or		
Chemistry	0182	Organic Chemistry for Majors II	3	
		or		
Chemistry	0192	Organic Chemistry for Honors II	3	
<i>Select one⁴:</i>				
Chemistry	0124	Organic Chemistry Laboratory II	1	
		or		
Chemistry	0184	Organic Majors Laboratory II	1	
		or		
Chemistry	H194	Organic Honors Laboratory II	1	
Chemistry	0129	Introduction to Chemistry Research Techniques ⁵	1	
<i>Select one:</i>				
Physics	C088	Elementary Classical Physics II	4	SB
		or		
Physics	0122	General Physics II	4	

⁴Select the laboratory to match the lecture; 0124 with 0122, 0184 with 0182, or H194 with H192

⁵Chemistry 0129 is a pre- or co-requisite for all chemistry laboratory courses numbered above 0200 (i.e., courses numbered above 200 with final digits equal to 3, 4, 7, or 8)

YEAR 3 – FALL

6

Department	Course #	Course Name	Hours	RCI
Chemistry	0213	Techniques of Chemical Measurement I	3	
Chemistry	0231	Physical Chemistry Lecture I	3	

YEAR 3 – SPRING

3

Department	Course #	Course Name	Hours	RCI
Chemistry	0232	Physical Chemistry Lecture II	3	

YEAR 4 – FALL

3 to 5

Department	Course #	Course Name	Hours	RCI
Chemistry	0301 or above	Advanced Chemistry Course ⁶	3 to 5	

⁶Advanced Chemistry Courses for B.A. students consist of all courses in Chemistry having a number of 0301 or higher. If the student has successfully completed the appropriate prerequisite course, graduate course in Chemistry may be included in this category.

YEAR 4 – SPRING

Department	Course #	Course Name	Hours	RCI
Science or Mathematics		Advanced Science Course ⁷	3 to 5	
Chemistry	W237	Physical Chemistry Laboratory	4	WI*
Chemistry	W314	Techniques of Chemical Measurement II	5	WI*

Total Credits for B.A. degree	123
Required Courses for Major	53⁸ to 56⁸
Core /Electives	67 to 70

* Indicates writing capstone for major

⁷Advanced Science Courses for B.A. students consist of Chemistry 0283 or 0293 (only one of these may be counted as an advanced science course), and all other Chemistry courses numbered 0301 and above; Biology 0203, W204, 0234, 0265, and above; Physics 0183, 0184, 0187, 0188, 0201, 0202, 0211, 0221, 0231, and above; Geology 0200 and above; Math 0147, W205, 0233, 0247, and above.

⁸Although neither Chemistry W237 nor Chemistry W314 is required as part of the B.A. degree program, at least one of the two must be taken in order to satisfy the Core requirement for a capstone writing intensive course in the major. If W237 is selected, it may also count as the B.A. student's Advanced Science course; if Chemistry W314 is selected, it may count either as the B.A. student's Advanced Chemistry or as the Advanced Science course.

Bachelor of Science Requirements for the Major

These include all required courses for the B.A. major; in addition, the B.S. major requires both Chemistry W237 and Chemistry W314, Chemistry 0301 and two advanced chemistry courses numbered 0305 or above, and two advanced science courses.

For the B.S. degree to be certified by the American Chemical Society calculus III is required. The two advanced chemistry electives chosen must be Chemistry 0307 and 0371; the two advanced science electives are to be chosen from Chemistry 0293, 0308, 0313, 0317, 0327, 0328, 0337.

With the appropriate selection of electives, the B.S. degree is certified by the American Chemical Society¹¹.

YEAR 1 – FALL THROUGH YEAR 3 – FALL

Department	Course #	Course Name	Hours	RCI
		Identical to B.A. Requirements		

YEAR 3 – SPRING

Department	Course #	Course Name	Hours	RCI
Chemistry	0232	Physical Chemistry Lecture II	3	
Chemistry	W237	Physical Chemistry Laboratory	4	WI*

* Indicates writing capstone for major

YEAR 4 – FALL

Department	Course #	Course Name	Hours	RCI
Chemistry	0301	Inorganic Chemistry	3	
Science or Mathematics		Advanced Science Course ^{9, 11}	3 to 5	
Chemistry	0305 or above	Advanced Chemistry Course ^{10, 11}	3 to 5	

YEAR 4 – SPRING

Department	Course #	Course Name	Hours	RCI
Chemistry	W314	Techniques of Chemical Measurement II	5	WI*
Science or Mathematics		Advanced Science Course ^{9, 11}	3 to 5	
Chemistry	0305 or above	Advanced Chemistry Course ^{10, 11}	3 to 5	

* Indicates writing capstone for major

⁹Advanced Science Courses for B.S. students consist of Chemistry 0283 or 0293 (only one of these may be counted as an advanced science course), and all other Chemistry courses numbered 0305 and above; Biology 0203, W204, 0234, 0265, and above; Physics 0183, 0184, 0187, 0188, 0201, 0202, 0211, 0221, 0231, and above; Geology 0200 and above; Math 0147, W205, 0233, 0247, and above.

¹⁰Advanced Chemistry Courses for B.S. students consist of all courses in Chemistry having a number of 0305 or higher. If the student has successfully completed the appropriate prerequisite course, graduate course in Chemistry may be included in this category.

¹¹In order for the B.S. degree to be certified by the American Chemical Society, the student must take Calculus III (Computer Programming in C is not accepted for certification), Chemistry 0371 (Biochemistry), Chemistry 0307 (Inorganic Synthesis), and at least two of the following Chemistry courses from the following Advanced Chemistry and Advanced Science courses: Chemistry 0293 Undergraduate Research; Chemistry 0308 Solid State Analysis; Chemistry 0313 Instrumental Design; Chemistry 0327 Advanced Organic Preparations; and Chemistry 0328 Qualitative Organic Analysis; Chemistry 0337 Introduction to Polymer Chemistry w/ Lab.

Total Credits for B.S. degree	123
DEGREE TOTAL	70 to 78
Core /Electives	45 to 53

COMPUTER AND INFORMATION SCIENCES

Dr. Paul LaFollette, Department Chair

Dr. Billie Stevens, Advisor

300 Wachman Hall

215-204-6439

billie.stevens@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Bachelor of Arts Requirements for the Major

Calculus I, II; sequenced lab science A& B; CIS 0066 or Math W141, 0067, 0068, 0072, 0166 or Math W205, 0207, 0223, 0307, W338; theory course selected from: Mathematics 0133, 0233, 0227, Philosophy 0211, CIS 0211, 0242; communication course selected from: English W102, W104, STOC 0065.

B.A. YEAR 1 – FALL**8**

Department	Course #	Course Name	Hours	RCI
Select one:				
Mathematics	C085	Calculus I	4	QB
		or		
Mathematics	H095	Honors Calculus I	4	QB
Core	Elective	Laboratory Science A	4	SA

B.A. YEAR 1 – SPRING**8**

Department	Course #	Course Name	Hours	RCI
Select one:				
Mathematics	0086	Calculus II	4	
		or		
Mathematics	H096	Honors Calculus II	4	
Core	Elective	Laboratory Science B	4	SB

B.A. YEAR 2 – FALL**7-8**

Department	Course #	Course Name	Hours	RCI
CIS	0066	Mathematical Concepts in Computing I	4	
		or		
Mathematics	W141	Basic Mathematical Concepts	3	
CIS	0067	Program Design and Abstraction	4	

B.A. YEAR 2 – SPRING**11-12**

Department	Course #	Course Name	Hours	RCI
CIS	0068	Data Structures	4	
CIS	0072	Computer Systems and Low-Level Programming	4	
CIS	0166	Mathematical Concepts in Computing II	4	
		or		
Mathematics	W205	Modern Algebra	3	

B.A. YEAR 3 – FALL**8**

Department	Course #	Course Name	Hours	RCI
CIS	0207	Introduction to Systems Programming and Operating Systems	4	
CIS	0223	Data Structures and Algorithms	4	

B.A. YEAR 3 – SPRING**6**

Department	Course #	Course Name	Hours	RCI
Select one theoretically oriented course:				
Mathematics	0133	Probability and Statistics	3	
	or 0233	Intro to Probability Theory	3	
	or 0227	Mathematical Computer Programming I	3	
		or		
Philosophy	0211	Intermediate Logic	3	
		or		
CIS	0211 or 0242	Automata, Computability, and Languages Discrete Structures	3	
Select one Communication course from:				
English	W102	Technical Writing	3	WI
	or W104	Writing for Business and Industry	3	WI
		or		
STOC	0065	Public Speaking	3	

B.A. YEAR 4 – FALL**4**

Department	Course #	Course Name	Hours	RCI
CIS	0307	Intro. to Distributed Systems and Networks	4	

B.A. YEAR 4 – SPRING**4**

Department	Course #	Course Name	Hours	RCI
CIS	W338	Software Engineering	4	WI

Total credits for B.A. degree:	123
Credits in CIS Coursework:	56-58
Core / Electives:	65-67

Bachelor of Science Requirements for the Major

These include all required courses for the B.A. major; in addition, the B.S. major requires CIS 0339, and three CIS electives.

B.S. YEAR 1 – FALL THROUGH YEAR 2 – SPRING

Department	Course #	Course Name	Hours	RCI
		Identical to B.A. Requirements		

B.S. YEAR 3 – FALL**11-12**

Department	Course #	Course Name	Hours	RCI
CIS	0223	Data Structures and Algorithms	4	
CIS	0207	Introduction to Systems and Low-Level Programming and Operating Systems	4	

Select one theoretically oriented course:

Mathematics	0133	Probability and Statistics	3	
	or 0233	Intro to Probability Theory	3	
	or 0227	Mathematical Computer Programming I	3	
Philosophy	0211	Introduction to Logic	3	
		or		
CIS	0211* or 0242*	Automata, Computability, and Languages	3	
		Discrete Structures		

*If not taken as a CIS elective

B.S. YEAR 3 – SPRING**6-7**

Department	Course #	Course Name	Hours	RCI
CIS	Elective*	CIS Elective*	3 or 4	

Select one Communication course from:

English	W102	Technical Writing	3	WI
	or W104	Writing for Business and Industry	3	WI
		or		
STOC	0065	Public Speaking	3	

B.S. YEAR 4 – FALL**11-12**

Department	Course #	Course Name	Hours	RCI
CIS	0307	Introduction to Distributed Systems and Networks	4	
CIS	W338	Software Engineering	4	WI*
CIS	Elective	CIS Elective*	3 or 4	

B.S. YEAR 4 – SPRING**7-8**

Department	Course #	Course Name	Hours	RCI
CIS	0339	Projects in Computer Science	4	
CIS	Elective	CIS Elective*	3 or 4	

*CIS electives: CIS 0203, 0211(if not taken as theory requirement), 0217, 0220, 0242(if not taken as theory requirement), 0305, 0308, 0320, 0324, 0331, 0350, 0397, 0398.

Total credits for B.S. degree	123
Credits of CIS coursework	69-74
Core /Electives	49-54

Minor Requirements

Students desiring a minor in Computer and Information Sciences are required to satisfy the following:

- Mathematics C085-0086 (Calculus)
- CIS 0066 (Mathematical Concepts in Computing I) or Mathematics W141 (Basic Mathematical Concepts)
- CIS 0067 (Program Design and Abstraction)
- CIS 0068 (Data Structures)
- CIS 0072 (Computer Systems and Low-Level Programming)
- CIS 0166 (Mathematical Concepts in Computing II) or Mathematics W205 (Modern Algebra)
- CIS 0207 (Introduction to Systems Programming and Operating Systems)
- CIS 0223 (Data Structures and Algorithms)

230 SCHOOLS AND COLLEGES**ENVIRONMENTAL STUDIES**

Dr. Robert Mason, Director

330 Gladfelter Hall

215-204-5918

envtstud@temple.edu

<http://www.temple.edu/env-stud>

Dr. Jonathan Nyquist, Advisor for B.S.

209 Beury Hall

215-204-7484

jonathan.nyquist@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Students will be equipped with the scholarly background and intellectual skills to understand a wide range of pressing environmental issues, and they will come to appreciate the physical, economic, political, demographic, and ethical factors that define those issues. Among the many environmental problems central to our program are groundwater contamination, suburban sprawl, river basin management, environmental justice, and the greening of abandoned urban spaces. Our graduates find employment with government environmental agencies, citizens' organizations, consulting firms, and corporate environmental affairs departments.

Offered jointly by the College of Liberal Arts and College of Science and Technology, Environmental Studies includes both B.A. and B.S. options. A Minor also is offered and a Certificate of Completion is an option for those already holding an undergraduate degree in a different field.

The program and its requirements are described in full in the **Intercollegial Programs** section of this *Bulletin*.

GEOLOGY

Dr. David Grandstaff, Chair
 Dr. Jonathan Nyquist, Advisor
 209 Beury Hall
 215-204-7484

jonathan.nyquist@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

The Department of Geology offers two different undergraduate programs, one leading to the B.S. in Geology and the other leading to the B.A. in Earth Science.

The B.S. program prepares students for immediate entry into a career in geology or for graduate studies. Career opportunities for geologists in industry and government include environmental planning, evaluation of waste disposal sites, groundwater monitoring, and exploration for natural resources. The B.S. program is excellent preparation for graduate study and ultimately for a career in research, teaching, industry, or government.

The B.A. program is not intended for prospective geologists. The B.A. program is suitable for pre-medicine or pre-law students or for students planning to teach earth science in secondary school.

A departmental field trip for undergraduate students, graduate students, and faculty will be conducted during the fall semester.

B.A. in Earth Science

First semester of introductory or general chemistry w/ lab, College Math or Calculus I, and the following Geology courses: C050, W381, and three electives from the following five: Geology 0201, 0210, 0211, 0212, 0261. Five additional science electives must be chosen with no more than three from the same department: Three courses must be numbered above 0100. These electives must be taken from the following list:

Anthropology 0124, 0125, 0248, 0280

Biology C083, C084, W237, 0241

Chemistry C062/C064, or C072/C074, 0121/0123, 0122/0124

Geology 0310

Geography & Urban Studies 0254, 0257, 0260, 0262

Physics C087 or 0121, C088 or 0122

Fall or Spring Courses B.A. Earth Science

11-12

Department	Course #	Course Name	Hours	RCI
<i>Select three of the following 5 courses</i>				
Geology	C050	Introduction to Geology	4	SA
Mathematics	C055 or C085	College Math or Calculus I	3	QA
	C085	Calculus I	4	QB
	or H095	Honors Calculus I	4	QB
Chemistry	C061/C063	Intro. To Chemistry I & Lab	4	SA
	C071/C073	General Chemistry I & Lab	4	SA
	C081/C083	General Chemical Science I & Lab	4	SA
	H091/H093	Honors General Chemical Science I & Lab	4	SA

Foundational Level Fall Term B.A.

12

Department	Course #	Course Name	Hours	RCI
Geology	0201	Mineralogy I	4	
Geology	0210	Introduction to Hydrology	4	
Geology	0211	Facies Models	4	
Geology	0212	Paleontology & Stratigraphy	4	
Geology	0261	Introduction to Geochemistry	4	

Spring Term B.A.

3

Department	Course #	Course Name	Hours	RCI
Geology	W381 or H391	Environmental Seminar	3	WI

Fall Courses Recommended for Advancing Students in the Major for the B.A. in Earth Science

Specific Electives

15 to 20

Department	Course #	Course Name	Hours	RCI
<i>Select five: No more than 3 from one department. 3 courses must be numbered above 100.</i>				
Anthropology	0124	Fundamentals of Archaeology	3	
Anthropology	0125	Fundamentals of Biological Anthropology	4	
Anthropology	0248	Introduction to Primates	3	
Anthropology	0280	Evolutionary Biology	3	
Biology	C083	General Biology I	4	SA
Biology	C084	General Biology II	4	SB
Biology	W237	Marine Environments I	4	WI
Biology	0241	Invertebrate Biology	4	
Chemistry	C062/C064	Introduction to Chemistry II & Lab	4	SB
		or		
Chemistry	C072/C074	General Chemistry II & Lab	4	SB
		or		
Chemistry	H092/H094	Honors General Chemical Science II & Lab	4	SB
Chemistry	0121/0123	Organic Chemistry I & Lab	4	
Chemistry	0122/0124	Organic Chemistry II & Lab	4	
G.U.S.	0254	Energy, Resources, and Conservation	3	
Geology	0310	Microcomputers in Geology	4	
G.U.S.	0260	Fundamentals of Cartography	3	
G.U.S.	0262	Fundamentals of Geographic Information Systems	3	
G.U.S.	0257	Hazards Geography	4	
Physics	C087	Elementary Classical Physics I	4	SA
		or		
Physics	0121	General Physics I	4	
Physics	C088	Elementary Classical Physics II	4	SA
		or		
Physics	0122	General Physics II	4	
Total credits for B.A. degree			123	
Credits in coursework for a B.A. degree in Earth Science			41-47	
Core / Electives			76-82	

B.S. in Geology

Calculus I, II; general chemistry I, II; calculus-based physics I, II; Geology C050, 0201, 0211, 0212, 0261, 0301, W302. In addition, Field Geology (Geology 0352) taken in the summer; and three upper level science or mathematics electives, at least one of which must be in a discipline other than Geology.

First-year Courses B.S. Geology

28

Department	Course #	Course Name	Hours	RCI
Geology	C050	Introduction to Geology	4	SA
Mathematics	C085 or H095	Calculus I	4	
		or Honors Calculus I	4	QB
Mathematics	0086 or H096	Calculus II	4	
		or Honors Calculus II	4	
Chemistry	C071/C073	General Chemistry I & Lab	4	SA
		or		
	C081/C083	General Chemical Science I & Lab	4	SA
	H091/H093	Honors General Chemical Science I & Lab	4	SA
Chemistry	C072/C074	General Chemistry II & Lab	4	SB
		or		
	C082/C084	General Chemical Science II & Lab	4	SB
	H092/H094	Honors General Chemical Science II	4	
Physics	C087	Elementary Classical Physics I	4	SA
		or		
	0121	General Physics I	4	
Physics	C088	Elementary Classical Physics II	4	SB
		or		
	0122	General Physics II	4	SB
Subtotal			28	

Foundational Courses for the B.S. – Fall term Geology 8

Department	Course #	Course Name	Hours	RCI
Geology	0201	Mineralogy I	4	
Geology	0211	Facies Models	4	

Foundational Courses for the B.S. – Spring term Geology 8

Department	Course #	Course Name	Hours	RCI
Geology	0212	Paleontology & Stratigraphy	4	
Geology	0261	Introduction to Geochemistry	4	
Subtotal			8	

Note: Summer field camp is required of all B.S. geology majors and is usually taken in the summer of the junior or senior year. The geology undergraduate advisor must approve the choice of field camp.

Summer term – B.S. Geology 4-6

Department	Course #	Course Name	Hours	RCI
Geology	0352	Field Geology (see Advisor)	4-6	
Subtotal			4-6	

Fall Courses Recommended for Students Advancing in the Major for the B.S. in Geology 10-12

Department	Course #	Course Name	Hours	RCI
Geology	0301	Igneous & Meta. Petrology	4	
Geology	0210	Intro. To Hydrology	4	
		or		
		Elective*	*3-4	
Geology	0310	Microcomputers in Geology	4	
		or		
		Elective*	*3-4	

Spring Courses Recommended for Students Advancing in the Major for the B.S. in Geology 7-8

Department	Course #	Course Name	Hours	RCI
Geology	W302	Structural Geology	4	WI
Required Elective	Elective	Upper level Sci or Math Elective*	3 or 4	

*Of the three upper level Science/Math electives required at least one must be in a discipline other than Geology. One may be from the graduate level with permission of the instructor.

Total credits for B.S. degree	123
Credits in Coursework for Geology B.S. degree	65-70
Core / Electives	53-58

Minor

Students interested in acquiring a basic knowledge of Geology but not wishing to major in Geology may pursue a minor in the field by successfully completing the following courses:

- Geology C050 with laboratory
- Chemistry C071/C073 or Chemistry C061/C063
- Mathematics C055 or Mathematics C085
- Geology electives above the 0100 level, with a total of 16 or more credits, chosen with the approval of the Undergraduate Geology Advisor.

Senior Research Project

Students whose cumulative GPA is at least 3.25 at the end of the first semester of their junior year are eligible to undertake a senior research project. In the second semester of their junior year, students must select a faculty research advisor and, with the advisor, prepare a written research proposal. After the research advisor and the Chair of the Undergraduate Committee of the Department approve the proposal, the student may register for three hours of Geology 0293-0294 (Individual Study Program), in the summer and each semester of the senior year (up to a total of nine hours), to carry out the research project. Normally, the project will involve field or laboratory work in the summer between the junior and senior years and lead to presentation of the results at a departmental seminar at the end of the senior year.

Distinction in Major

To graduate with Distinction in Major, students are required to achieve a 3.5 GPA for the aggregate of courses required for the B.S. in Geology or the B.A. in Earth Science.

Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.

INFORMATION SCIENCE AND TECHNOLOGY

Dr. Paul LaFollette, Department Chair

Dr. Gary Baram, Advisor

305 Wachman Hall, 215-204-6847

gary.baram@temple.edu

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Bachelor of Arts Major Requirements

B.A. YEAR 1 – FALL 8

Department	Course #	Course Name	Hours	RCI
Math	C077	Basic Concepts of Calculus	4	QB
Core		Science A	4	SA

B.A. YEAR 1 – SPRING 8

Department	Course #	Course Name	Hours	RCI
CIS	C055	Computers and Applications [Science B]	4	SB
CIS	C081	Computer Programming and Higher Level Languages	4	QB

B.A. YEAR 2 – FALL 11

Department	Course #	Course Name	Hours	RCI
Math	0133	Probability and Statistics	3	
CIS	0083	Object Oriented Programming	4	
CIS	0109	Database & File Management Systems	4	

B.A. YEAR 2 – SPRING 11

Department	Course #	Course Name	Hours	RCI
Math	0163	Sophomore Problem Solving	3	
CIS	0209	Component-Based Software Development	4	
CIS	0230	Operating Systems and Networking	4	

B.A. YEAR 3 – FALL 12

Department	Course #	Course Name	Hours	RCI
CIS	W281	Information Systems Analysis and Design	4	
CIS	0309	Client/Server and Net-Centric Computing	4	
CIS	0330	Network Architectures	4	

B.A. YEAR 3 – SPRING 3

Department	Course #	Course Name	Hours	RCI
CIS	W381	Information System Implementation	3	WI*

B.A. YEAR 4 – FALL 4

Department	Course #	Course Name	Hours	RCI
CIS	0342	Networked Application Systems	4	WI

B.A. YEAR 4 – SPRING

Department	Course #	Course Name	Hours	RCI
		General Non-major Elective Credits		

* Indicates writing capstone for major

Bachelor of Science Major Requirements

Bachelor of Science Major requirements for Information Science and Technology are the same as the B.A. Major requirements with the addition of 4 IS&T related electives.** (two each in the junior and senior year). **IS&T related elective courses: CIS 0288, 0308, 0344, 0345, 0350, 0362, 0372, 0382, 0386. Other courses can be selected from any Department at Temple University; 0100-level or above; IS&T related; approved by an advisor.

Minor Requirements

Students desiring a minor in Information Science and Technology are required to satisfy the following:

- CIS C081 (Higher Level Languages)
- CIS 0083 (Object Oriented Programming)
- CIS 0109 (Database & File Management)
- CIS 0209 (Principles of Component –Based Software Development)
- CIS 0230 (Operating Systems & Networking)
- CIS W281 (Information Systems Analysis and Design)
- CIS W381 (Information System Implementation)

Total Credits for B.A.	123
Coursework for B.A. IS&T degree	57
Core / Electives	66

Total Credits for B.S.	123
Coursework for B.S. IS&T degree	69-73
Core / Electives	50-54

MATHEMATICS

Dr. Omar Hijab, Chair

Dr. Boris Datskovsky, Director of Undergraduate Studies

215-204-7847

632 Wachman Hall

bdats@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

Mathematics majors may select either the Bachelor of Arts (B.A.) program or the Bachelor of Science (B.S.) program.

The B.A. program is a traditional program in pure mathematics. It is intended for students who plan to go to graduate school or to teach mathematics at a college or high school level after graduation. While the B.A. program has relatively few required courses, the required courses are academically demanding. The lack of heavy requirements is intended to provide students with an opportunity to explore their interests in and out of mathematics.

The B.S. program, which has more required courses, has an applied flavor. It is intended for students who plan to seek employment in a mathematics-related field or join a graduate program in applied mathematics or a mathematics-related field upon graduation.

Either program can be combined with the department's M.A. program, leading to the M.A. degree after five years of study.

The department offers a joint program with the Department of Physics leading to the B.S. degree, and a joint program with the Department of Economics leading to the B.A. degree. Students who plan careers as secondary school mathematics teachers may choose to take a five year interdisciplinary program, offered jointly with the College of Education, that leads to a bachelor's degree in mathematics, teaching certification, and a Master's degree in Education.

Basic Courses: Three semesters of calculus: Mathematics C085/H095, 0086/H096, 0127; linear algebra: Mathematics 0147 or 0148; and Mathematics 0247, 0248, 0251, 0347, W363.

Bachelor of Arts Requirements for the Major

In addition to the basic courses, one of the following courses in Computer and Information Sciences: CIS C061, 0067, 0068, C071; and Mathematics W141 or 0200 or above (Mathematics W141 can only count if it is taken prior to Mathematics W205 and Mathematics 0247), W205, 0305, 0365 or 0377; and one additional mathematics elective course numbered 0200 or above.

Year 1 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	C085	Calculus I	4	QB
		or		
Mathematics	H095	Honors Calculus I	4	QB
CIS	C061	Programming in Matlab	4	QB
		or		
CIS	0067	Program Design and Abstraction	4	
		or		
CIS	0068	Data Structures	4	
		or		
CIS	C071	Computer Programming in C	4	QB

Year 1 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0086	Calculus II	4	
		or		
Mathematics	H096	Honors Calculus II	4	

Year 2 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0127	Calculus III	4	
Mathematics	0147	Linear Algebra	3	

Year 2 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	W141	Basic Mathematical Concepts (must be taken before W205 and 0247)	3	WI
		or		
Mathematics	Elective	Select one course 0200 or above	3	
Mathematics	0251	Differential Equations I	3	

Year 3 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	W205	Modern Algebra	3	WI
Mathematics	0247	Advanced Calculus I	3	

Year 3 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0248	Advanced Calculus II	3	
Mathematics	0305	Topics in Modern Algebra	3	

Year 4 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0347	Introduction to Functions of a Complex Variable	3	
Mathematics	Elective	Select one course 200 or above	3-4	

Year 4 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	W363	Problem Solving Seminar	3	WI
Mathematics	0365	Topology I	3	
		or		
Mathematics	0377	Differential Geometry	3	

Total credits for B.A. degree	123
Credits in coursework for Mathematics B.A.	49 – 50
Core / Electives	73 – 74

Bachelor of Science Requirements for the Major

In addition to the basic courses of calculus-based physics I, II; two of the following courses from Computer and Information Sciences: CIS C061, 0067, 0068, C071; and Mathematics W205, 0233, 0253; and two science/mathematics electives taken from the following list: Actuarial Science 0305, 0306; Chemistry 0231, 0232; CIS 0211, 0242; Economics 0241; Physics 0187, 0188, 0201, 0202, 0211, 0231, 0306; or any mathematics course numbered 0200 or above (Mathematics W141 can count as one of the electives, provided it is taken prior to Math W205 and Mathematics 0247); and one additional mathematics elective course numbered 0300 or above.

Year 1 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	C085	Calculus I	4	QB
		or		
Mathematics	H095	Honors Calculus I	4	QB
CIS	C061	Programming in Matlab	4	QB
		or		
CIS	0067	Program Design and Abstraction	4	
		or		
CIS	0068	Data Structures	4	
		or		
CIS	C071	Computer Programming in C	4	QB
Physics	C087	Elementary Classical Physics I	4	SA

Year 1 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0086	Calculus II	4	
		or		
Mathematics	H096	Honors Calculus II	4	
Physics	C088	Elementary Classical Physics II	4	SB
CIS	C061	Programming in Matlab	4	QB
		or		
CIS	0067	Program Design and Abstraction	4	
		or		
CIS	0068	Data Structures	4	
		or		
CIS	C071	Computer Programming in C	4	QB

Year 2 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0127	Calculus III	4	
Mathematics	0147	Linear Algebra	3	
Mathematics	0233	Introduction to Probability Theory	3	

*Math W141 must be taken before Math W205 or 0247.

Year 2 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0251	Differential Equations I	3	
Mathematics	W141 *	Basic Mathematical Concepts	3	WI
		or		
Mathematics	Elective	Select one course 0200 or above	3-4	
		or		
Actuarial Science	0305 or 0306	Actuarial Modeling I or II	3	
		or		
Chemistry	0231 or 0232	Physical Chemistry Lecture I or II	3	
		or		
CIS	0211 or 0242	Automata, Computability, and Languages; or Discrete Structures	3	
		or		
Economics	0241	Introduction to Econometrics	3	
		or		
Physics	0187, 0188, 0201, 0202, 0211, 0231, or 0306	Electricity and Magnetism (with lab), Intro. to Modern Physics (with lab), Classical Mechanics, Analytical Mechanics, Classical Electromagnetics, Thermodynamics and Kinetic Theory Introduction to Quantum Mechanics	3-4	

*Math W141 must be taken before Math W205 or 0247

Year 3 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	W205	Modern Algebra	3	
Mathematics	0253	Numerical Analysis I	4	
Mathematics	0247	Advanced Calculus I	3	

Year 3 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0248	Advanced Calculus II	3	
<i>Select one course:</i>				
Mathematics	Elective	Select one course 200 or above	3-4	
		or		
Actuarial Science	0305 or 0306	Actuarial Modeling I or II	3	
		or		
Chemistry	0231 or 0232	Physical Chemistry Lecture I or II	3	
		or		
CIS	0211 or 0242	Automata, Computability, and Languages; or Discrete Structures	3	
		or		
Economics	0241	Introduction to Econometrics	3	
		or		
Physics	0187, 0188, 0201, 0202, 0211, 0231, or 0306	Electricity and Magnetism (with lab), Intro. to Modern Physics (with lab), Classical Mechanics, Analytical Mechanics, Thermodynamics, Classical Electromagnetics, and Kinetic Theory Introduction to Quantum Mechanics	4 3 3 3 3	

Year 4 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0347	Introduction to Functions of a Complex Variable	3	
Mathematics	Elective	Select one course 300 or above	3-4	

Year 4 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	W363	Problem Solving Seminar	3	WI

* Indicates writing capstone for major

Total credits for B.S. degree	123
Credits in coursework for B.S. degree in Mathematics	65 – 68
Core / Electives	54 – 59

INTERCOLLEGIAL B.A. DEGREE IN MATHEMATICAL ECONOMICS

Boris A. Datskovsky, Advisor, Department of Mathematics

Wachman Hall 632

215-204-7847

bdats@temple.edu

or

Dimitrios Diamantaras, Advisor, Department of Economics

Ritter Annex 623

215-204-8169

dimitrios.diamantaras@temple.edu

The Departments of Economics and Mathematics offer the Mathematical Economics program as a platform for systematic concentration in the mathematical approach to economics. Economics has progressed in the last several decades by making extensive use of mathematical techniques. As a result, students who wish to pursue graduate study in economics, finance, accounting and other disciplines that make an extensive use of economics, need a thorough grounding in both economics and mathematics. The Mathematical Economics curriculum provides this grounding with a broad selection of courses that cover all important areas of economics and the mathematical tools required for a critical, deep mastery of these areas. This program is especially recommended for those students who intend to pursue graduate studies in Economics. The program and its requirements are described in full in the **Intercollegial Programs** section of this *Bulletin*.

INTERDISCIPLINARY B.S. DEGREE IN MATHEMATICS AND PHYSICS

Dr. Zbigniew Dziembowski, Undergraduate Majors Advisor, Physics

215-204-8479

zbigniew.dziembowski@temple.edu

Dr. Boris Datskovsky, Director of Undergraduate Studies, Mathematics

215-204-7847

bdats@temple.edu

Mathematics and Physics, B.S. Degree.

Calculus I, II, III; calculus-based physics I, II; Math 0147 or 0148, W205, 0233, 0247, 0248, 0251, 0253, 0347; Physics 0161, 0171, 0187 w/lab, 0188 w/lab, 0201, 0202, 0211, W215, 0231, 0306; Math 0351 or Physics 0184.

Year 1 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	C085	Calculus I	4	QB
		or		
Mathematics	H095	Honors Calculus I	4	QB
Physics	C087	Elementary Classical Physics I	4	SA
		or		
Physics	0121	General Physics I	4	

Year 1 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0086	Calculus II	4	
		or		
Mathematics	H096	Honors Calculus II	4	
Physics	C088	Elementary Classical Physics II	4	SB
		or		
Physics	0122	General Physics II	4	

Year 2 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0127	Calculus III	4	
Mathematics	W141*	Basic Mathematical Concepts	3	WI
Physics	0171	Optics	3	
Physics	0187 and 0187L	Electricity and Magnetism with Lab	4	

*Math W141 must be taken before Math W205 or 0247.

Year 2 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Physics	0184	Mathematical Physics	4	
		or		
Mathematics	0351	Partial Differential Equations	3	
Physics	0188 and 0188L	Introduction to Modern Physics with Lab	4	
Mathematics	0251	Differential Equations I	4	
Mathematics	0233	Introduction to Probability Theory	3	

Year 3 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0147	Linear Algebra	3	
		or		
Mathematics	0148	Linear Algebra with Computer Lab	4	
Mathematics	W205	Modern Algebra	3	WI
Mathematics	0247	Advanced Calculus I	3	
Physics	0231	Thermodynamics & Kinetic Theory	3	

Year 3 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Physics	0201	Classical Mechanics	3	
Physics	0211	Classical Electromagnetism	3	
Mathematics	0248	Advanced Calculus II	3	

Year 4 – Fall Semester

Department	Course #	Course Name	Hours	RCI
Mathematics	0347	Intro. to Functions of a Complex Variable	3	
Physics	0202	Analytical Mechanics	3	
Mathematics	0253	Numerical Analysis I	4	
Physics	0161	Computing for Scientists	3	
Physics	0306	Intro. to Quantum Mechanics	3	

Year 4 – Spring Semester

Department	Course #	Course Name	Hours	RCI
Physics	W215	Experimental Physics	3	WI

Total Credits for B.S. degree	123
Credits in coursework credits for B.S. in Math/Physics	85 - 88
Core / Electives	38- 39

The interdisciplinary program is jointly administered by the departments of Mathematics and Physics. For further discussion of the Interdisciplinary major, see <http://www.temple.edu/physics/undergradprog.html> under “dual program in physics and mathematics.”

THE COMBINED B.A. OR B.S./M.A. PROGRAM – MATHEMATICS

To participate in this five-year program, a Mathematics major should be enrolled in either the B.A. or the B.S. program. Application to continue in the M.A. program must be made to the Graduate Chair of the department no later than the first semester of the senior year. To be accepted by the M.A. program, a student must have a GPA of at least 3.25 in Mathematics courses when the application is made. In addition to completing the B.A. or B.S. requirements, the student must complete four additional graduate level mathematics courses (numbered 400 and above) by the end of her/his senior year. If the Core and College requirements have also been met, the student will be awarded the B.A. or B.S. degree at the conclusion of this portion of the program. All courses must be passed with a grade of C- or better, and no more than two graduate courses can carry a grade less than B- for the student to continue with the M.A. portion of the program.

Fifth-Year Course Requirements

The student will take a total of six graduate level courses, selected to conform to the M.A. requirements. At the end of the fifth year, the student must either write a master's thesis or pass one of the following examinations:

- Master's Comprehensive Examination in Pure Mathematics
- Master's Comprehensive Examination in Applied Mathematics
- Ph.D. Combined Comprehensive Examination (M.A. level pass)

For further details on the M.A. degree requirement see the *Graduate Bulletin*.

Minor Requirements

Three semesters of calculus (Mathematics C085, 0086, and 0127).

- One semester of computer programming (Computer and Information Sciences C061, 0067 or 0068 or C071 or Physics 0161).
- Linear algebra (Math 0147) or Linear Algebra with Computer Lab (Math 0148).
- Five additional mathematics courses numbered 0200 or above; or Mathematics W141 and four mathematics courses numbered 0200 or above. (Math W141 must be taken prior to Math W205 or Math 0247.)

Distinction in Mathematics

A student who wishes to graduate with Distinction in Mathematics should apply to the Director of Undergraduate Studies no later than the second semester of the junior year. The following requirements must be met:

1. All requirements for the B.A. or B.S. degree in Mathematics must be met with a GPA of at least 3.50 in the Mathematics courses.
2. At the time of graduation, the student's overall GPA, including all college level courses must be at least 3.25.
3. The student must either give a 30 minute talk to the Society of Undergraduate Mathematics (SUM) – with an audience including at least three faculty members – on a topic not part of his or her course of study; or pass a graduate course numbered 400 or above with a grade of at least B-, and have the instructor of that course write a supporting letter. If the first option is selected, the faculty attending the talk should reach consensus on whether the talk merits distinction, and inform the Director of Undergraduate Studies of their decision; and in the case of the second option, the instructor of the graduate course should communicate a verbal evaluation of the student's performance to the Director of Undergraduate Studies.
4. The Mathematics Department Executive committee will review all applications for graduation with Distinction in Mathematics, and forward its recommendations to the Dean of the College of Science and Technology.

Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.

PHYSICS

Dr. C. Jeff Martoff, Department Chair

Dr. Zbigniew Dziembowski, Advisor

Barton Hall A225

215-204-7639

zbig.dziembowski@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

The Physics Department offers B.A. and B.S. degree programs, both of which provide excellent preparation for graduate studies. The B.S. program provides for a broadening of the more applied aspects of a student's training and is recommended particularly for those intending to enter industry with a bachelor's degree. Both the B.S. and the B.A. programs are options for those planning careers in the medical or life sciences.

Bachelor of Arts Requirements for the Major

Calculus I, II, III; calculus-based physics I, II; and Physics 0171, 0184, 0187, 0188, 0201, 0202, 0211, W215, 0231. In addition to these, one course must be chosen from: Physics 0161, 0221, 0306.

YEAR 1 – Fall

Department	Course #	Course Name	Hours	RCI
<i>Select one:</i>				
Physics	C087	Elementary Classical Physics I	4	SA
Physics	0121	General Physics I	4	
<i>Select one:</i>				
Math	C085	Calculus I	4	QB
Math	H095	Honors Calculus I	4	QB
SEMESTER TOTAL			8	

YEAR 1 – Spring

Department	Course #	Course Name	Hours	RCI
<i>Select one:</i>				
Physics	C088	Elementary Classical Physics II	4	SB
Physics	0122	General Physics II	4	
<i>Select one:</i>				
Math	0086	Calculus II	4	
Math	H096	Honors Calculus II	4	
SEMESTER TOTAL			8	

YEAR 2 – Fall

Department	Course #	Course Name	Hours	RCI
Physics	0171	Optics	3	
Physics	0187	Electricity and Magnetism w/ Lab	4	
Math	0127	Calculus III	4	
SEMESTER TOTAL			11	

YEAR 2 – Spring

Department	Course #	Course Name	Hours	RCI
Physics	0188	Intro. to Modern Physics w/ Lab	4	
Physics	0184	Mathematical Physics	4	
SEMESTER TOTAL			8	

YEAR 3 – Fall

Department	Course #	Course Name	Hours	RCI
Physics	0231	Thermodynamics and Kinetic Theory	3	
SEMESTER TOTAL			3	

YEAR 3 – Spring

Department	Course #	Course Name	Hours	RCI
Physics	0201	Classical Mechanics	3	
Physics	0211	Classical Electromagnetism	3	
SEMESTER TOTAL			6	

YEAR 4 – Fall

Department	Course #	Course Name	Hours	RCI
Physics	0202	Analytical Mechanics	3	
<i>Select one:</i>				
Physics	0161	Computing for Scientists	3	
Physics	0221	Electronics	3	
Physics	0306	Intro. to Quantum Mechanics	3	
SEMESTER TOTAL			6	

YEAR 4 – Spring

Department	Course #	Course Name	Hours	RCI
Physics	W215	Advanced Laboratory	3	WI
SEMESTER TOTAL			3	

Total credits for B.A. degree

Program Total	123
Core / Electives	71-73
	50-52

Bachelor of Science Requirements for the Major

Calculus I, II, III; calculus-based physics I, II; Physics 0161, 0171, 0184, 0187, 0188, 0201, 0202, 0211, W215, 0231, 0306; Math 0251; two required science or mathematics electives. In addition to these, two courses must be chosen from: Physics 0221, 0321, 0341.

YEAR 1 – FALL THROUGH YEAR 2- FALL

Department	Course #	Course Name	Hours	RCI
Identical to B.A. Requirements				

YEAR 2 – Spring

Department	Course #	Course Name	Hours	RCI
Physics	0184	Mathematical Physics	4	
Physics	0188	Intro. to Modern Physics w/ Lab	4	
Math	0251	Differential Equations I	3	
SEMESTER TOTAL			11	

YEAR 3 – Fall

Department	Course #	Course Name	Hours	RCI
Physics	0161	Computing for Scientists	3	
Physics	0221	Electronics*	3	
Physics	0231	Thermodynamics and Kinetic Theory	3	
SEMESTER TOTAL			9	

YEAR 3 – Spring

Department	Course #	Course Name	Hours	RCI
Physics	0201	Classical Mechanics	3	
Physics	0211	Classical Electromagnetism	3	
Required Elective	Elective	Two courses in biology, chemistry, engineering, geology, mathematics or advanced physics chosen in consultation with an advisor.	6-8	
SEMESTER TOTAL			12- 14	

YEAR 4 – Fall

Department	Course #	Course Name	Hours	RCI
Physics	0202	Analytical Mechanics	3	
Physics	0306	Intro. to Quantum Mechanics	3	
SEMESTER TOTAL			6	

YEAR 4 – Spring

Department	Course #	Course Name	Hours	RCI
Physics	W215	Experimental Physics	3	WI
Physics	0321	Intro. to Solid State Physics*		
Physics	0341	Intro. of Atomic, Nuclear, and Particle Physics*		
SEMESTER TOTAL			9	

*Two courses chosen from: Physics 0221, 0321, 0341.

Total credits for B.S. degree

PROGRAM TOTAL	123
Core / Electives	53
	70

Minor Requirements

Students wishing to minor in Physics should take eight semester hours of introductory Physics with laboratory (Physics C087-C088 or equivalent), Electricity and Magnetism with laboratory (Physics 0187 and 0187L) or Introduction to Electromagnetic Fields and Waves (Electrical Engineering 0220), Introduction to Modern Physics with laboratory (Physics 0188 and 0188L), and six additional semester hours of Physics courses at or above the 0100 level, chosen with the approval of the Undergraduate Physics Advisor.

Minors in Electrical and Mechanical Science

These minors are designed for Physics majors considering graduate work in Electrical or Mechanical Engineering or exploring career opportunities in branches of Engineering close to Physics. The student must maintain a GPA of 2.5 or better in these minors. Students who are interested in Engineering/Applied Physics but do not have time for a full minor should nevertheless review these minors and consult with the Physics Advisor about the possibility of taking courses in Engineering. Since Physics and Engineering Core Curricula overlap significantly, a Physics major can often learn an interesting Engineering specialty by taking a relatively modest number of courses.

Requirements for the Electrical Science Minor

Requirements for the Electrical Science Minor are: EE 0161, EE 0165, EE 0210, plus a minimum of nine semester hours of 0200 and 0300 level electives, chosen in consultation with an advisor in the Electrical Engineering Department. (The labs for Engineering 0163 and EE 0165 largely duplicate labs for Physics 0187 and Physics 0221 and are not required.) The following example elective sequence emphasizes solid state devices and might be of particular interest to a Physics major: EE 0254/0255 and EE 0256/0257.

Requirements for the Mechanical Science Minor

Engineering 0134 or 0131, Engineering 0133, Engineering 0234, ME 0231, plus a minimum of nine semester hours of electives. The elective courses can follow one of three tracks.

- **Thermodynamics and Combustion track** comprises ME 0154, 0371, 0381, and 0372.
- **Electro-Mechanical Systems and Control track** comprises EE 0063 and 0066, ME 0221, and ME 0322 or Engineering 0382.
- **Computer Aided Manufacturing track** comprises Engineering 0310, ME 0375, and MET 0152.

Five-year Master's Program

This program allows a talented student to obtain both a bachelor's and a master's degree in five years. A physics major may apply for the program during the junior or senior year. Please consult the advisor for details.

Five-year Master's Program/Secondary Education Certification Program

This is a combined program between the College of Science and Technology and the College of Education. For more information, see the following Web site:

http://www.temple.edu/bulletin/Academic_programs/schools_colleges/ed/intro/generalinfo/ed_generalinfo.shtm#teacher

Distinction in Major

A student who wishes to graduate with distinction in the major must complete all courses required for the physics major with a GPA of 3.5 or better and carry out an independent study or undergraduate thesis project. Consult the Undergraduate Physics Advisor for more details.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information at www.temple.edu/bulletin/academic_programs.)



FOUNDED: 1969

Larry Icard, Dean
Carmelo Miranda López, Director - Admissions and Student Services
School of Social Administration
553 Ritter Hall Annex
1601 W. Cecil B. Moore Avenue
215-204-8623
carmelo@temple.edu
www.temple.edu/socialwork

PROGRAMS

Bachelor of Social Work (B.S.W.)240

Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
Hours = credit hours
RCI = Required Core Indicator

MISSION

The School was established in 1969 to prepare individuals for professional practice and for positions of leadership in social work and in the broader human services arena. The distinctive mission of the School, rooted in humanistic and democratic values, is reflected in a broad and vigorous commitment to the elimination of human suffering and social injustice and to the promotion of human rights and social equality. Its educational programs are therefore centered on intervention strategies on behalf of those populations and persons who are underserved, victimized or denied full access to social opportunities and resources. Poverty, racism, sexism, and other forms of discrimination and disenfranchisement are priority concerns of the School, as are those social problems associated with life in the inner city.

The School of Social Administration (SSA) is dedicated to societal transformations to eliminate social, political, and economic injustices for poor and oppressed populations, and advancing the quality of life for all through:

- Education emphasizing the discovery of knowledge, use of critical inquiry, and exertion of professional ethics to guide solution-seeking and action-taking to effect social change among professional social workers in front-line, supervisory, managerial, and leadership positions.
- Research and scholarship to advance applied knowledge and generate evidence-based strategies to resolve problems occurring between people and their social environments at local, state, national, and global levels.
- Public service to aid the dissemination of knowledge and evidence-based strategies, and the responsiveness of the School to the needs of constituents through collaborations and partnerships with communities, agencies, and organizations.

ACCREDITATION

The Bachelor of Social Work and the Master of Social Work programs are accredited by the Council on Social Work Education. This attests to the educational quality of the curricula and to the qualifications of graduates to assume professional positions that legally require applicants to have these degrees.

SPECIAL PROGRAMS AND PROFESSIONAL CERTIFICATIONS

Academic Credit for Relevant Social Service Work and Educational Experience

The School of Social Administration attracts students who are now or have been employed in responsible positions in the field of social welfare. In addition to performance skills, these students have also gained practical as well as theoretical understanding of various aspects of social work. Students are encouraged to apply for work experience credit immediately after completing 30 semester hours at Temple University. Application forms are available from Rosemary Barbera, the acting B.S.W. Chair, Ritter Annex Room 524, or the B.S.W. Admissions and Advising Coordinator, Ritter Annex (215-204-7611 or 215-204-3142). Approved credit is recorded on the student's transcript upon payment of the required fees set by the University. Such credits may not be used as substitutes for University Core Curriculum, B.S.W. courses, or field requirements. They count only as elective credits.

Extern Program

The Extern Program is another way to acquire experience in a social service setting or in some other job field to aid the student in the process of career decision. This program is usually offered in January during the two week period before classes begin. Students work at the extern site four days each week, and participate in a career development seminar at Temple on the fifth day. This program is jointly sponsored by University Career Services and the Schools of Temple. Interested students may discuss this with Sharon Webster, RA 517.

SATELLITE PROGRAM

Harrisburg Program

Link Martin, M.S.W., Assistant Dean
Director of the Social Work Program
234 Strawberry Square
School of Social Administration-
Harrisburg
Harrisburg, PA 17101
717-231-3656
lmartin@temple.edu

The undergraduate social work curriculum prepares entry-level practitioners for a wide range of direct services positions working with and on behalf of individuals, families, groups, and communities. The Bachelor of Social Work degree is the beginning professional degree, and employment opportunities are numerous and varied.

The Harrisburg based B.S.W. Degree Completion program is designed for individuals who have completed an associate's degree or have earned college credit. Students are expected to transfer at least 64 credits from other colleges/universities. Once accepted to Temple, students complete the professional course requirements for the B.S.W. degree. Classes are offered in the evenings and on weekends to

Program Design

The program is designed as part-time with students taking two classes per semester. Using summers, students usually complete their degree in three years.

At TUH, we cater to the busy adult by offering a convenient evening and weekend course schedule. Outstanding PhD and practitioner faculty provide both on-site and distance-education learning opportunities. Staff is available to assist you days, evenings, and weekends.

HONORS/HONOR SOCIETY

Dean's List

Academic achievement is recognized and valued by the School and the University. In this regard, the School follows the grade point average recognized by the University. Dean's List is achieved each semester that a full-time student (12-17 semester hours) earns both a 3.50 semester average and a 3.50 cumulative average. Notation appears on student transcript.

Alpha Delta Mu National Social Work Honor Society

Students with a cumulative average of 3.50 or above may apply for nomination to Alpha Delta Mu. Juniors and seniors are eligible for membership. Students should discuss this with their advisors.

STUDENT GROUPS

As a student at Temple University's School of Social Administration, you will become a part of a strong community. Our major strength is our diversity. Our undergraduate program provides classes that are living laboratories of what social work practice is about. You will have the opportunity to be in class with students who are different from you, and who represent every possible point of view. You will find a new home.

Social Work Student Organizations

Alumni Association: For more information about SSA's alumni/ae association contact the General Alumni Association for names and numbers of current officers at 215-204-7524.

Latino Social Work Organization: For more information contact Stephanie Pérez, at stephlyn@temple.edu.

National Association of Social Workers-Philadelphia Division (NASW): NASW is a professional organization that works on behalf of its members and the consumers they serve. Applications are available on the NASW bulletin board in the lobby.

National Social Work Honor Society (Beta Rho Chapter, Alpha Delta Mu): The purpose of this organization is to advance excellence in social work practice and to encourage, stimulate and maintain scholarship of the individual members in all fields, particularly in social work. For current activities see bulletin board in main lobby.

Student Association of Black Social Workers (SABSW): SABSW is a non-profit organization built to serve the African-American students and community. The SABSW will work towards unifying Black Social Work students in the School of Social Administration. The SABSW will also work with any student organization on campus or the immediate community to further the educational, political, academic, communal, and social plight of students at large. Contact Sharon Webster for additional information at 215-204-7112. For current activities see bulletin board in main lobby area.

Pride in Social Work (PSW): PSW provides support, education, and advocacy for gay, lesbian, bi-sexual and transgendered students and supporters of Pride in the Social Work Department at Temple University. Contact Bernie Newman for additional information at 215-204-1205. See bulletin board in main lobby for current activities.

SSA Student Collective: The Student Collective is the organization of both undergraduate and graduate student bodies matriculated in the Social Work Program. The Collective sponsors activities each academic year of a social, educational, and professional nature. Student representatives, selected by the Collective, sit on various School committees as voting members. The Collective was formed to represent a unified student voice that incorporates all the diversity of our student body. Contact Rosemary Barbera (RA 529) for additional information or see bulletin board.

Underground Railroad – Temple Depot (URR): The URR works together with the Poor People's Economic Human Rights Campaign focusing on direct actions, such as lobbying, advocacy, demonstrations, and support of grassroots movements for social justice. See the bulletin board in main lobby for additional information and current activities.

SPECIAL FACILITIES

Job Resources Bank

In addition to the help provided by the Office of Career Development, the School of Social Administration maintains its own Job Resources Bank geared specifically to the needs and career interests of social workers. Information about employment opportunities and current job openings is regularly collected, updated, and posted in the School. The School's liaison in Career Services meets frequently with students to provide career information as well as specific leads on employment. The Office of Career Services plans and conducts special workshops and seminars specifically oriented to students in Social Administration.

School of Social Administration Library

The University's major collection of books and journals related specifically to the field of social work is located on the first floor of Ritter Annex in the Zahn Instructional Materials Center. Students have easy access here to materials placed on reserve by the School. There are also duplication facilities and a comfortable work, study, and reading environment.

ACADEMIC ADVISING

Office of Admissions and Student Services

*Carmelo Miranda López - Director
Ritter Annex 521
215-204-8623*

Academic professionals serve as academic advisors to social work majors. Early and regular contact with the advisor can be extremely helpful. The advisor is a knowledgeable person with whom students may discuss issues of concern in relation to university regulations, as well as course selection. Services are provided through the Office of Student Services and Admissions.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

New Career Ladders in Social Work

*Ritter Annex, 521
Mr. Carmelo Miranda López
215-204-8623*

New Career Ladders is an alternative entry route to college for persons with demonstrated interest and motivation in the human services field and who meet the following criteria: 1) have been or are currently an employee or volunteer in a human service organization; 2) have a high school or GED diploma; and 3) are 22 years of age or older.

New Career Ladders students enter the undergraduate program leading to the degree of Bachelor of Social Work and are expected to meet all requirements of the curriculum. The resources of the University are available for tutoring and study skills help as well as for assistance in obtaining financial aid, as appropriate. All New Career Ladders students attend communication skills classes to aid in their transition to higher education.

Transfer Students from Schools Outside of Temple

Persons expecting to transfer to Temple's Undergraduate Social Work Program are urged to contact the School at 215-204-3362 for an appointment as soon as they have identified interest in this program. (See **Undergraduate Admissions regarding transfer admissions.**) Those who bring in more than 30 semester hours begin with Social Work 0051, Helping Processes I, which is offered only in the fall.

Students who transfer from two-year associate degree programs in Human Services are expected to complete all professional courses as well as the Core Curriculum. SW C121 and SW 0122 are offered in the summer for transfer students who have successfully completed SW 0051-0052 and have the necessary credits (85) and courses to enroll in Senior Seminar and Senior Practica (SW W285/0290 – W286/0291) in the fall. Students are expected to be majors in the program a minimum of two years and a summer.

POLICIES AND REGULATIONS

Please see the **Undergraduate Academic Policies.** Students are responsible for complying with all University-wide academic policies that apply to their individual academic status. Additional and unique policies, or exceptions for the School of Social Administration appear below.

Continuing in the Social Work Major

Continuation as a Social Work major is contingent upon successful completion of the course and field requirements of SW 0051 and 0052, Helping Processes I and II, the recommendation of the class and field instructors, and satisfactory academic performance. Students make application to the major at the end of SW 0051. Formal acceptance into the major is one of the requirements for the Bachelor of Social Work degree. It is expected that students will meet regularly with their advisors so that the course selection process affords the student appropriate choices and options.

Courses Inapplicable to the Degree

Credits for ELECT, Mathematics 0015 (formerly Math 0001), Composition 0040, SRAP, and Military Science do not count toward graduation requirements.

Program Performance

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information.)

Social work majors are expected to maintain a cumulative GPA of 2.00 or above. The GPA for each semester must also be at the level of 2.00 or above.

Students are expected to maintain grades of C or above in each of the professional and professionally related courses. Students who earn a C- or below in a professional course must repeat the course.

Collegial Warning will be issued to students whose GPA falls below 2.00 for one semester. Students should not register for more than 12 s.h. until they improve their average.

Collegial Probation: Students who fall below a 2.00 either for the semester or for their cumulative average will be placed on probation. They may register for no more than 12 s.h. for the next term in order to improve their average. If their average is still below a 2.00 after two semesters of academic probation, students are subject to being dropped from the Social Work Program in School of Social Administration.

Dropped from the Program: If the student does not achieve a cumulative average of 2.00 or show evidence of substantive scholastic improvement after two semesters on collegial probation and a 12 s.h. roster, the student is subject to being dropped from the School.

Readmission Application

To reenter the School of Social Administration, students must submit an appropriate application to the Director of Admissions and Student Services. Students seeking readmission after an absence of more than two semesters, not including summers, shall be subject to review by the B.S.W. chair. If the student is accepted for readmission, his or her program for completion of degree requirements shall be planned in accordance with those currently operative in the program. If courses were taken elsewhere, applicants are responsible for having official transcripts available when submitting the readmission application.

Applicants who wish to enroll in a school or college other than the one in which they were last enrolled must first be accepted for readmission by the original college and then file an Intra-University Transfer form.

A student who has been dropped from the School may petition for readmission only after a period of at least one semester. This period does not include the summer sessions.

Transfer from Schools within the University

Students who are in good standing in the University may transfer to the School of Social Administration at any point during their academic career. Before transferring, students are encouraged to arrange to have conferences with both the original school advisor and the social work admissions counselor.

Because of the professional requirements and the sequential nature of the curriculum, students are encouraged to enter the programs as early as possible. Students are expected to be majors in the program for a minimum of two years.

GENERAL GRADUATION REQUIREMENTS

The Bachelor of Social Work degree requires the successful completion of a minimum of 124 semester hours, as well as completion of all University Core Curriculum, School of Social Administration, and degree requirements, including entrance deficiencies, if any.

PROGRAM DESCRIPTIONS

1. *The total number of credit hours at graduation may be greater for some students based on initial placement exams, transfer evaluations, individual curricular choices and academic progress.*
2. *Certain courses fulfill multiple requirements. In consultation with your academic advisor, you will be able to plan your curriculum more effectively.*
3. *Students must fulfill the necessary prerequisites for any given course or course sequence. See the Prerequisite and Co-requisite policy in University-wide Academic Policies in this Bulletin.*

BACHELOR OF SOCIAL WORK (B.S.W.)

Office of Dean
Ritter Annex Fifth Floor
215-204-3362

Note: Department chairs frequently change at the beginning of the academic year. Students should contact departments for updated information.

Mission Statement

The School of Social Administration (SSA) is dedicated to societal transformations to eliminate social, political, economic injustices for poor and oppressed populations, and advancing the quality of life for all through:

- Education emphasizing the discovery of knowledge, use of critical inquiry, and the exertion of professional ethics to guide solution-seeking and action-taking to effect social change among professional social workers in front-line, supervisory, managerial, and leadership positions.
- Research and scholarship to advance applied knowledge and generate evidence-based strategies to resolve problems occurring between people and their social environments at local, state, national, and global levels.
- Public service to aid the dissemination of knowledge and evidence-based strategies, and the responsiveness of the School to the needs of constituents through collaborations and partnerships with communities, agencies, and organizations.

Goals

The goals of the School of Social Administration are the following:

1. The preparation of ethical and competent social work practitioners and leaders who are committed to social and economic justice and to the eradication of barriers to the fullest development of human potential;
2. The provision of educational opportunities to a diverse population of students representative of the constituencies served;
3. The production of scholarship and research that contributes to the social work knowledge base;
4. The engagement in service-related activities with relevant constituencies

B.S.W. Program Goals

The primary goal of the Baccalaureate in Social Work (BSW) program is to prepare entry-level, generalist, social work practitioners committed to social work practice that ensures human rights and social, economic and cultural rights for all. Graduates will understand the effects of structural inequities based on race, class, gender, sexual orientation, and other forms of oppression and discrimination that present barriers to individual and collective growth, well-being and to the development of full potential. Graduates of this program with practice social work using the strengths perspective and partner with people to increase access to resources and power.

Program objectives

By completion of their undergraduate studies, students will be able to:

- understand and adhere to professional social work values and ethics
- assess situations using knowledge about the effects of structural injustices based on race, class, gender, culture, sexual orientation, ability, age, and other forms of oppression
- exercise self-awareness and reflection as part of the development of their professional and personal selves
- understand human behavior from holistic and developmental perspectives that encompass dynamic interaction among social, political, cultural, economic, psychological, spiritual, and biological factors
- engage in practice that enhances the capabilities of people to transform their lives and communities
- communicate effectively verbally, non-verbally and in writing with agencies, advocates, legislatures, policy makers and people in client status
- apply skills and knowledge of generalist social work practice with systems of all sizes
- practice social work with a commitment to social and economic justice and the empowerment of individuals, families, groups, organizations, and communities
- critically select and apply theories and research findings to social work practice
- evaluate the effectiveness of their own practice
- understand the relationship of historic social patterns, values and institutional arrangement, recognizing their impact on social welfare policy and services and the social work profession
- use supervision and consultation to enhance their professional development and the delivery of services

- understand the dynamics of human service organizations and know how to engage in productive organizational change
- understand how global issues affect local practice.

Requirements for the Degree of Bachelor of Social Work (B.S.W.)

- Satisfactory completion of a minimum of 124 semester hours of credit
- A minimum cumulative GPA of 2.00 overall and in the major.
- A grade of C- or higher is required in all Core courses. A grade of C or better is required in courses for the major.

University Requirements

1. University Core Curriculum requirements (18 s.h.), Math 0055, English 0050, Intellectual Heritage 0051 and 0052, Arts, Foreign language or International Studies.
2. Completion of the Library Orientation.
3. Major requirements.
4. Lower level courses (34 s.h.), Specified Core courses, plus: Economics C051, C052, C050, or C055, History or African American Studies 0068, Anthropology C061, Human Biology 0071 or KINES 0100, Science II, Political Science C051, Psychology C060, Sociology C050, Statistics C021 or Math C067 or SOC C067 or PSYCH C067.
5. Upper level courses Political Science (100+), Socio-Behavioral (100+). At least one course should be writing-intensive.
6. Courses in Social Work (59 s.h.).
7. Electives (approximately 13 s.h.).
8. Field Work Practice: Learning by Doing. A minimum of 544 hours in supervised field settings is required. Students are directly involved in actual professional tasks in the agency and in the community. This intrinsic part of the professional educational process provides experiential learning for the students in a variety of carefully selected health, welfare, and educational settings.

Supervision or field instruction is provided by qualified, trained, and experienced practitioners in the agencies. Some of the fields of practice in the five-county area in which majors do their field work are:

- Aging: including adult service centers; assistance in a variety of public and private organizations, treatment and protective functions;
- Children and Youth: child abuse, foster care and adoption agencies, parenting and support services;
- Community Organization/Planning: public issues and policies, neighborhood services at settlements, Y's, community centers;
- Correctional/Justice: probation, parole, prison, community rehabilitation organizations;
- Developmental Disabilities: community living arrangements, day programs, other public and private functions;
- Education: schools and alternative education programs;
- Family Services: material aid, crisis intervention, ongoing counseling;
- Health/Hospitals: advising, counseling, direct service with and on behalf of patients; a variety of functions in hospitals and community health centers;
- Legal: public agencies assisting low income population in matters relating to law, housing, discrimination, etc.;
- Mental Health: small and large institutions, community based units, public and private auspices;
- Substance Abuse: counseling, direct service in a variety of settings, both public and private;
- Violence and Domestic Issues: domestic violence of all kinds, sexual assault, child abuse, in a wide variety of settings.

YEAR 1 — FALL

Department	Course #	Course Name	Hours	RCI
Social Work	C050	Introduction to Social Welfare and Human Services	3	
English	C050	College Composition	3	CO
History Core – <i>Select one:</i>				
African American Studies History	C068	African American History Since 1900	3	AC
<i>or</i>				
African American Studies History	C068	History of the U.S. Since 1877	3	AC
Math	C055	College Mathematics	3	QA
Sociology	C050	Introduction to Sociology	3	IN
Core	Core	Library Orientation (TILT)	0	
Total			15	

YEAR 1 — SPRING

Department	Course #	Course Name	Hours	RCI
Core	Elective	International Studies/ Foreign Language	3	IS
Psychology	C060	Psychology as a Social Science	3	IN
Biology	C071	Human Biology (Includes lab)	4	SA
Political Science	C051	The American Political System	3	AC
Core	Elective	Arts	3	AR
Total			16	

YEAR 2 — FALL

Department	Course #	Course Name	Hours	RCI
Social Work	0051	Helping Processes in Social Work I (6 hour/week field practicum requirement)	5	
Anthropology	C061	Cultures of the World	3	IS
Social Work	0060	Human Behavior in the Social Environment	3	IN
Intellectual Heritage	X051	Intellectual Heritage I	3	IA
Required Elective		Elective or Certificate Course	3	
Total			17	

YEAR 2 — SPRING

Department	Course #	Course Name	Hours	RCI
Social Work	0052	Helping Processes in Social Work II (6 hour/week field practicum requirement)	5	
Social Work	0053	Communication in Social Work Practice (pre-requisite SW 0052)	3	
Social Work	0372	Social Worker in the Group	3	
Intellectual Heritage	X052	Intellectual Heritage II	3	IB
<i>Select one:</i>				
Sociology	C067	Social Statistics	3	QB
Psychology	C067	Foundations in Statistical Methods	3	QB
Math	C067	Elements of Statistics	3	QB
Statistics	C021	Statistical Methods and Concepts	3	QB
Total			17	

YEAR 3 — FALL

Department	Course #	Course Name	Hours	RCI
Social Work	C121	The History and Values of Social Welfare	3	AC
Social Work	R365	Institutional Racism	3	RS
Political Science	W100+	See BSW Handbook for suggested courses 0100 and above	3	WI
CIS	C055	Computers and Applications	4	SB
Required Elective		Elective	3	
Total			16	

YEAR 3 — SPRING

Department	Course #	Course Name	Hours	RCI
Social Work	0122	Social Welfare in the United States	3	
Economics	C051	Macroeconomic Principles	3	IN
	C055	Global Economics Issues	3	IS
Social Work	Upper-Level Elective	Upper-Level Socio-Behavioral Elective W100+ (See BSW Handbook for suggested courses)	3	WI
Required Elective		Elective or Certificate Course	3	
Total			9	

YEAR 4 — FALL

Department	Course #	Course Name	Hours	RCI
Social Work	0280	Patterns of Social Service Delivery	3	
Social Work	W285	Seminar in Social Work Practice	3	WI*
Social Work	0290	Practicum (16 hour/week field practicum requirement)	5	
Social Work	0390	Introduction to Social Research	3	
Total			14	

YEAR 4 — SPRING

Department	Course #	Course Name	Hours	RCI
Social Work	W286	Seminar in Social Work Practice	3	WI*
Social Work	0291	Practicum (16 hour/week field practicum requirement)	5	
Social Work	0391	Evaluating Programs and Practice in Social Work	3	
		Elective	3	
Total			14	

*Indicates Writing Intensive

Transfer Students with 45 Credits or More or Core-to-Core Transfer

Students who transfer 64 credits may be eligible to complete the B.S.W. degree requirements in two years of full time study and two summer sessions. This depends on the number of credits that Temple accepts and what requirements they match in Temple's curriculum. All core curriculum and B.S.W. degree requirements must be met.

Major Requirements

Lower level courses: Specified Core courses, plus: Economics C051, C052, C050, or C055, History or African American Studies 0068, Anthropology C061, Human Biology 0071 or KIN 0100, Science II, Political Science C051, Psychology C060, Sociology C050, Statistics C021 or Math C067 or SOC C067 or PSYCH C067. Upper level courses: Political Science (100+), Socio-Behavioral (100+). Students should refer to the BSW Handbook for suggested courses.

Courses in Social Work (59 s.h.)

YEAR 1 — FALL

Department	Course #	Course Name	Hours	RCI
Social Work	0051	Helping Processes in Social Work I (6 hour/week field practicum requirement)	5	
Social Work	C060	Human Behavior in the Social Environment	3	IN
IH	X051	Intellectual Heritage I	3	IA
History Core – <i>Select one:</i>				
African American Studies	C068	African American History Since 1900	3	AC
<i>or</i>				
History	C068	History of the U.S. Since 1877	3	AC
Anthropology	C061	Cultures of the World	3	IS
Total			17	

YEAR 1 — SPRING

Department	Course #	Course Name	Hours	RCI
Social Work	0052	Helping Processes in Social Work II (6 hour/week field practicum requirement)	5	
Social Work	0053	Communication in Social Work Practice	3	
Social Work	0372	Social Worker in the Group	3	
Political Science	C051	The American Political System	3	AC
<i>Select one:</i>				
Sociology	C067	Social Statistics	3	QB
Psychology	C067	Foundations in Statistical Methods	3	QB
Math	C067	Elements of Statistics	3	QB
Statistics	C021	Statistical Methods and Concepts	3	QB
Total			17	

YEAR 1 — SUMMER I

Department	Course #	Course Name	Hours	RCI
Social Work	C121	The History and Values of Social Welfare	3	AC
Economics	C051	Macroeconomic Principles	3	IN
Total			6	

YEAR 1 — SUMMER II

Department	Course #	Course Name	Hours	RCI
Social Work	0122	Social Welfare in the United States	3	
Social Work	Upper-Level Elective	Upper-Level Socio-Behavioral Elective W100+ (See BSW Handbook for suggested courses)	3	WI
Total			6	

YEAR 2 — FALL

Department	Course #	Course Name	Hours	RCI
Social Work	0280	Patterns of Social Service Delivery	3	
Social Work	W285	Seminar in Social Work Practice	3	WI*
Social Work	0290	Practicum (16 hour/week field practicum requirement)	3	
Social Work	0390	Introduction to Social Research	3	
Social Work	R365	Institutional Racism	3	RS
Total			17	

YEAR 2 — SPRING

Department	Course #	Course Name	Hours	RCI
Social Work	W286	Seminar in Social Work Practice	3	WI
Social Work	0291	Practicum (16 hour/week field practicum requirement)	3	
Social Work	0391	Evaluating Programs and Practice in Social Work	3	
Social Work	Elective	See BSW Handbook for suggested courses	3	
Political Science	100+	See BSW Handbook for suggested courses	3	
Total			17	

*Indicates Capstone Class



FOUNDED: 1998

*M. Moshe Porat, Dean
Elizabeth H. Barber, Associate Dean
1700 N. Broad Street
Suite 412 (062-62)
Philadelphia, PA 19122
215-204-8701
www.temple.edu/STHM/
sthm@temple.edu*

PROGRAMS

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Please see the Undergraduate Academic Policies & Regulations Section. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Key for charts:
Hours = credit hours
RCI = Required Core Indicator

ACCREDITATION

The baccalaureate degree program in Sport and Recreation Management is currently accredited by the National Recreation and Park Association/ American Association for Leisure and Recreation (NRPA/AALR) Council on Accreditation. In addition, the baccalaureate degree program is approved by the Sport Management Program Review Council (SMPRC), sponsored by the North American Society for Sport Management and the National Association for Sport and Physical Education (NASSM/NASPE).

GOALS AND OBJECTIVES

The total experience within the School of Tourism and Hospitality Management enables students to have an excellent fundamental education and exposure to working professionals, internships, and personalized placement services. As a result, students are given a competitive advantage in a job market projected to double in the next decade.

The School of Tourism and Hospitality Management offers two undergraduate major programs: (1) Sport and Recreation Management, and (2) Tourism and Hospitality Management. The undergraduate majors are designed to prepare students for a variety of positions in the leisure service field. The focus of the undergraduate programs is to provide a broad educational foundation and to prepare students for entry into the sport and recreation management, leisure service, or tourism and hospitality occupations at the professional level.

The Sport and Recreation Management program prepares students interested in sport and recreation careers in the private/commercial sector, public recreation and park agencies, voluntary agencies, campus services, armed forces, and corporate/industrial settings. The Tourism and Hospitality Management program prepares students for entry-level to mid-level positions in tourism, hospitality, and commercial recreation. The program prepares students to work in convention and visitors' bureaus, conference centers, resorts, casinos, hotels, theme parks, theaters, and clubs throughout the United States. Both programs consist of course work in the University Core Curriculum, the School major course requirements, the supplemental electives from related disciplines, and two supervised field experiences.

ADMISSIONS

If you are applying for admission to Temple University as a freshman or transfer student, and you wish to major in Sport and Recreation Management or Tourism and Hospitality Management,

you should designate the School of Tourism and Hospitality Management (Code 023) on your application. All freshman students are admitted initially into the School of Tourism and Hospitality Management as undeclared majors. After one year of the School of Tourism and Hospitality Management core courses and careful career/ academic advice from the Director of Undergraduate Programs, students will be eligible to declare their specific major. All transfer students must seek individual program advice from the Director of Undergraduate Programs.

FINANCIAL AID AND SCHOLARSHIPS

Information regarding financial aid and scholarships is available from the Office of Student Financial Services. For additional information pertaining to specific scholarships within the School's disciplines, refer to the advising unit.

SPECIAL PROGRAMS AND/OR PROFESSIONAL CERTIFICATION

Honors Laptop Community

Students admitted to the University Honors Program are eligible, by invitation only, to be part of the School of Tourism and Hospitality Management's Honors Laptop Community. Students participate in pre-approved Fox School of Business and Management Honors courses in pursuit of a Business Minor with the added benefit of their own University-issued laptop computer.

Student Association Information

Professional development begins with membership to associations/ organizations for all STHM students. We encourage our students to consider joining one of the following groups during their academic tenure in the School of Tourism and Hospitality Management. See our Advising Center for additional information. Scholarship opportunities are available within the associations for those who are active members. See the specific association's Web site for details. Please be reminded that in most cases, students must be a member of the association for at least one year to be eligible for the available scholarships.

The School of Tourism and Hospitality Management (STHM) Student Association fosters relationships between our students and professionals in the Sport and Recreation Management and Tourism and Hospitality Management industries through participation in career fairs, networking, and conferences. Membership is open to all undergraduate School of Tourism and Hospitality Management majors.

OTHER PROFESSIONAL ASSOCIATIONS:

Sport and Recreation Professional Association (SRPA)

Sport and Recreation Management students seeking professional connections, networking opportunities, opportunities to attend seminars and conferences related to the industry are encouraged to join. This group aspires to connect all students seeking knowledge about law, marketing, facilities, ticketing, sales, special events, college athletics, sports information, professional sports, recreation programming, minor league sports, non-profit recreation, etc.

Hospitality Sales and Marketing Association International (HSMAI)

Tourism and Hospitality Management students looking for exposure to the hospitality industry should join this association. The Philadelphia chapter has monthly meetings that are both educational and a great opportunity to network with the industry professionals.

National Society of Minorities in Hospitality (NSMH)

This national student association is open to all majors in STHM. Although the association's focus is primarily on the hotel side of hospitality, the organization exposes members to opportunities in the industry nationwide. Temple has the primary local student chapter, which is supported by the Multicultural Affairs Congress (MAC) of the Philadelphia Convention and Visitors Bureau (PCVB).

International Special Events Society (ISES)

This national association is open to all majors in STHM. During the spring of 2005, a new Philadelphia student chapter was created. Exposure to local and national special events professionals is the highlight of this association. Opportunity to network at the monthly meeting with established ISES members has the potential to help propel a student's professional career.

Professional Convention Managers Association (PCMA)

STHM started a new student chapter in the fall of 2004, and some of our students attended the national conference in Hawaii. With an exciting beginning, and talented leaders of the chapter, this group is looking to expand its local and national recognition with the association. This association is open to all Tourism and Hospitality Management majors.

Hospitality Financial and Technology Professionals (HFTP)

This association is open to all Tourism and Hospitality Management students seeking to be professionally involved in technology or finance at the corporate level. There are local meetings held monthly that are open for student involvement. Scholarships are available to members of HFTP. Networking opportunities are provided.

SPECIAL FACILITIES AND PROGRAMS

The Center for Student Professional Development (CSPD)

The CSPD links classroom learning to successful career development. Our Director of Industry Relations prepares the students for the latest internship and job opportunities through counseling on résumés, cover letters, interviewing skills, and selection criteria.

STHM's National Laboratory for Tourism & eCommerce (NLTeC) at Temple University is multi-disciplinary, multi-departmental and multi-university. The primary mission of the National Laboratory for Tourism & eCommerce is to conduct and facilitate high quality inter- and multi-disciplinary research and development in those areas of tourism impacted by technology. To this end, NLTeC provides a unique and powerful setting for scholars and practitioners to consider the nature and role of information technology in the tourism industry. Research by laboratory faculty, staff and fellows includes the following areas: advertising, business, communications, computer science, education, environmental studies, geography, marketing, management information systems, psychology, and urban and regional planning.

The School of Tourism and Hospitality Management Research Center

Temple University's School of Tourism and Hospitality Management's Research Center responds to the growing need for reliable and accurate research for the world's largest industry. It utilizes the expertise of the School's internationally recognized academicians and researchers to collect and disseminate industry-specific data in the areas of sport, recreation, tourism, and hospitality. The first and foremost industry resource of its kind in the greater Philadelphia region, it also assists in marketing Philadelphia and the region as a destination to the world.

ACADEMIC ADVISING

Jeffrey W. Montague, Assistant Dean

jeffrey.montague@temple.edu

Jennifer Thiel, Academic Advisor

jennifer.thiel@temple.edu

1700 N. Broad Street

Suite 412 (062-62)

215-204-8701

Services Provided through the Advising Center

The School of Tourism and Hospitality Management advising unit provides individualized information on placement exams and results, majors, minors, course sequence, course load, scheduling, career planning, and academic resources. As a result, students are better equipped to make informed decisions regarding their future endeavors.

Academic advisors attempt to avoid errors when advising students about their program requirements, but schools and colleges cannot assume liability for errors in advising. Therefore, students must assume primary responsibility for knowing the requirements for their degree and for acquiring current information about their academic status.

Special Advising Policies and Procedures

The School utilizes group advising sessions and encourages appointment-only individualized meetings to assist students with advising issues.

ACADEMIC POLICIES AND REGULATIONS

Please see Undergraduate Academic Policies in this Bulletin. Students are responsible for complying with all University-wide academic policies that apply to their individual academic status. Additional and unique policies, or exceptions for the School of Tourism and Hospitality Management, appear below. (Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information.)

All advising issues regarding academic policies and regulations should be directed to the School of Tourism and Hospitality Management's Administrative Offices located in 1700 N. Broad Street, Suite 412.

Program Performance

To continue enrollment in the programs of the School of Tourism and Hospitality Management, a student must have a minimum cumulative grade point average (GPA) of 2.3 (C), and a GPA of 2.5 (C+) in the major, and be making satisfactory academic progress. Students not in good standing are subject to collegial warning or probation, or they may be dropped from the school's academic programs,

and will be so notified by the Dean of the School of Tourism and Hospitality Management.

Transfer between Colleges within the University

Students may initiate transfer to the School of Tourism and Hospitality Management from another college of the University if they are in academic good standing, holding a minimum cumulative GPA of 2.3.

The IUT (Intra-University Transfer) form can be picked up at any advising center or dean's office. Students wishing to transfer into the School of Tourism and Hospitality Management should schedule an interview with the Advising Center to discuss the School's criteria. The IUT form is submitted for consideration during the interview. The student will then be notified of the decision by the Advising Center.

GENERAL SCHOOL GRADUATION REQUIREMENTS

Required GPA for Graduation

Students seeking a Bachelor of Science degree from the School of Tourism and Hospitality Management must complete 128 semester hours of coursework, and have a cumulative GPA of 2.3 and a major GPA of 2.5.

1. Certain courses fulfill multiple requirements. In consultation with your advisor, you will be able to plan your curriculum more effectively.
2. The total number of credit hours at graduation may vary for some students based on initial placement exams, transfer evaluations, individual curricular choices, and academic progress.
3. Students are required to ensure that they have fulfilled the necessary prerequisites for any given course, or course sequence. You may read the entire policy in the section on University-wide Academic Policies.

(Note: The University is reviewing all school and college, major, and GPA requirements above 2.0. Please refer to the electronic Bulletin for up-to-date information.)

PROGRAM DESCRIPTIONS

- University Core Curriculum 36 - 43 s.h.
- School Foundation Requirements 36 s.h.
- Major Requirements 15 - 18 s.h.
- Major Electives 6 - 9 s.h.
- Related Electives 12 s.h.
- Requirements external to STHM 6 s.h.
- Open Electives 7 - 14 s.h.
- Total 128 s.h.

SPORT AND RECREATION MANAGEMENT

Ira G. Shapiro, Department Chair

215-204-6295

Jeffrey W. Montague, Assistant Dean, Undergraduate Contact

Director of Undergraduate Programs

1700 N. Broad St., Suite #412 (062-62)

215-204-8701

jeffrey.montague@temple.edu

Note: Department chairs frequently change at the beginning of the academic year.

Students should contact departments for updated information.

School of Tourism and Hospitality Management Foundation Requirements

Department	Course #	Course Name	Hours	RCI
THM	0100	Career Orientation in Sport, Recreation, Tourism, and Hospitality	3	
THM	0200	Program and Special Event Planning	3	
THM	0230	Leisure and Tourism for a Diverse Society	3	
THM	0253	Computer Applications	3	
THM	0280	Internship I (Junior Internship 150 hours) (Prerequisite: Completion of all 0100-0200 level courses)	3	
THM	W312	Research Methodology (Prerequisite: Stat 0021 or approval from the STHM advisor)	3	WI
THM	0370	Senior Seminar (Prerequisite: Public Speaking 0065 and senior standing-see advisor)	3	
THM	0380	Internship II (Senior Internship 600 hours) (Prerequisite: Completion of all 0300 level courses)	12	
THM	0381	Senior Project (Prerequisite: Completion of all 0300 level courses)	3	
Total			36	

Sport and Recreation Management Major Requirements

Department	Course #	Course Name	Hours	RCI
THM	0101	Introduction to Sport and Recreation	3	
THM	0350	Management in Sport and Recreation	3	
THM	0352	Legal Issues in Sport and Recreation	3	
THM	0353	Financial Management in Sport and Recreation 3 (Prerequisite: Econ C050, C051, or C052)	3	
THM	0355	Facility Management in Sport and Recreation	3	
THM	0359	Marketing in Sport and Recreation (Prerequisite: Econ C050, C051, or C052)	3	
Total			18	

Sport and Recreation Management Major Electives

Department	Course #	Course Name	Hours	RCI
<i>(Select two)</i>				
THM	0331	eCommerce Business Models and Strategy	6	
THM	0354	Fund Raising in Sport and Recreation		
THM	0360	Professional and Collegiate Sports: Current Issues		
THM	0361	Administration of College Athletics		
THM	0365	Meeting, Conference, and Event Management		
THM	0367	Entrepreneurship in Sport, Recreation, Tourism, and Hospitality		
THM	0369	Sport, Recreation, and Travel for Senior Populations		

Requirements External to the Department

Department	Course #	Course Name	Hours	RCI
<i>Select one of the following courses:</i>				3
STOC	0065	Public Speaking		
Econ	C050	Introduction to the Economy		IN
	C051	Macroeconomics Principles		IN
	C052	Microeconomics Principles		IN
<i>Select one of the following courses:</i>				3
Statistics	C011	Basic Quantitative Foundations for Business and Economics I		QA
	C012	Basic Quantitative Foundations for Business and Economics II		QB
	C021	Statistical Methods and Concepts <i>(statistics course required of all transfer students)</i>		QB
First Aid Certification			0	
CPR Certification		Community level or better	0	
Industry Related Experience		Minimum 250 hours of participation required prior to THM 0370 (Senior Seminar)	0	
Total		6 credits if Stat has been taken 9 credits if not taken at Transfer Institution	6 or 9	

Related Electives

Department	Course #	Course Name	Hours	RCI
<i>Select four from the following approved list:</i>				
Accounting	0001	Principles of Accounting I	3	
Accounting	0002	Principles of Accounting II (Prerequisite: Act 0001)	3	
American Studies	0103	American Places: Home, City, and Region	3	
American Studies	0104	The Arts in America	3	
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
Economics	0265	The Economics of Sport (Prerequisite: Econ C051 and C052, or C050)	3	
English	W104	Writing for Business and Industry	3	WI
GUS	C050	Environment and Society	3	IN
GUS	R055	Urban Society: Race, Class, and Community	3	IN/R
GUS	0262	Fundamentals of Geographic Information Systems	3	
HRM	0083	Organization and Management (Prerequisite: Engl C050)	3	
HRM	0200	Introduction to Human Resource Managmnt. (Prerequisite: HRM 0083)	3	
STOC	0221	Introduction to Public Relations (Prerequisite: Journ C055, 0150, and 0051, or permission of instructor)	3	
Advertising	0055	Introduction to Advertising (Prerequisite: Journ. C055, 0150, 0051, or permission of instructor)	3	
Journalism	0280	Sports Writing (Prerequisite: Journ. C055, 0150, and 0051, or permission of instructor)	3	
Law and Business	C001	Law and Society	3	IN
Law and Business	R050	Racial Discrimination Under the Law	3	AC/R
Marketing	0081	Introduction to Marketing (Prerequisite: Econ C051 or C052)	3	
Marketing	0245	Strategic Application of Technology in Marketing (Prerequisite: Marketing 0081)	3	
Marketing	0250	International Marketing (Prerequisite: Marketing 0081)	3	
Political Science	0135	Urban Politics and Problems	3	
Political Science	0145	American State and Local Politics	3	
Risk Mgt. and Ins.	0001	Introduction to Risk Management (Prerequisite: Completion of either Economics C051 or C052, and sophomore standing)	3	
Open Electives			7-14	

eBusiness Certificate in Tourism, Hospitality, Sport, and Recreation Management

Department	Course #	Course Name	Hours	RCI
THM	0253	Computer Applications (Prerequisite: CIS C055 or demonstration of computer competency)	3	
THM	0331	eBusiness Models and Strategy (Prerequisite: THM 0253, THM 0332)	3	
THM	0332	Management Information Technology Systems in the Industry (Prerequisite: THM 0253)	3	
THM	0333	Case Studies in eCommerce (Prerequisite: THM 0253, THM 0331, and THM 0332)	3	
Total			12	

TOURISM AND HOSPITALITY MANAGEMENT

Ira G. Shapiro, Department Chair
215-204-6295

Jeffrey W. Montague, Assistant Dean, Undergraduate Contact
Director of Undergraduate Programs
1700 N. Broad St., Suite #412 (062-62)
215-204-8701

jeffrey.montague@temple.edu

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School of Tourism and Hospitality Management Foundation

Department	Course #	Course Name	Hours	RCI
THM	0100	Career Orientation in Sport, Recreation, Tourism, and Hospitality	3	
THM	0200	Program and Special Event Planning	3	
THM	0230	Leisure and Tourism for a Diverse Society	3	
THM	0253	Computer Applications	3	
THM	0280	Internship I (Junior Internship 150 hours) (Prerequisite: Completion of all 100-200 level courses)	3	
THM	W312	Research Methodology (Prerequisite: Stat 0021 or approval from the STHM advisor)	3	WI
THM	0370	Senior Seminar (Prerequisite: STOC 0065 and senior standing-see advisor)	3	
THM	0380	Internship II (Senior Internship 600 hours) (Prerequisite: Completion of all 0300 level courses)	12	
THM	0381	Senior Project (Prerequisite: Completion of all 0300 level courses)	3	
Total			36	

Tourism and Hospitality Management Major Requirements

Department	Course #	Course Name	Hours	RCI
THM	0102	Introduction to Tourism and Hospitality	3	
THM	0321	Management in Tourism and Hospitality	3	
THM	0322	Legal Issues in Tourism and Hospitality	3	
THM	0323	Financial Management in Tourism and Hospitality (Prerequisite: Econ C050, C051, or C052)	3	
THM	0324	Marketing and Sales in Tourism and Hospitality (Prerequisite: Econ C050, C051, or C052)	3	
Total			15	

Tourism and Hospitality Management Major Electives

Department	Course #	Course Name	Hours	RCI
(Select three)			9	
THM	0331	eCommerce Business Models and Strategy	3	
THM	0362	Tourism Planning and Development	3	
THM	0363	Special Interest Tourism	3	
THM	0364	International Tourism	3	
THM	0365	Meeting, Conference, and Event Management	3	
THM	0366	Hotel and Lodging Operations Management	3	
THM	0367	Entrepreneurship in Sport, Recreation, Tourism, and Hospitality	3	
THM	0368	Food and Beverage Management	3	
THM	0369	Sport, Recreation, and Travel for Senior Populations	3	

Requirements External to the Department

Department	Course #	Course Name	Hours	RCI
STOC	0065	Public Speaking		
Select one of the following courses:			3	
Econ	C050	Introduction to the Economy		IN
	C051	Macroeconomic Principles		IN
	C052	Microeconomic Principles		IN
Select one of the following courses:			3	
Statistics	C011	Basic Quantitative Foundations for Business and Economics I		QA
	C012	Basic Quantitative Foundations for Business and Economics II		QB
	C021	Statistical Methods and Concepts (statistics course required of all transfer students)		QB
First Aid Certification			0	
CPR Certification		Community level or better	0	
Industry Related Experience		Minimum 250 hours of participation required prior to THM 0370 (Senior Seminar)	0	
Total		6 credits if Stat has been taken	6 or 9	
		9 credits if not taken at Transfer Institution		

Related Electives

Department	Course #	Course Name	Hours	RCI
Select four from the following approved list:			12	
Accounting	0001	Principles of Accounting I	3	
Accounting	0002	Principles of Accounting II (Prerequisite: ACT 0001)	3	
American Studies	0103	American Places: Home, City, and Region	3	
American Studies	0104	The Arts in America	3	
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
English	W104	Writing for Business and Industry	3	WI
GUS	0229	Geography of Travel and Tourism	3	
GUS	0262	Fundamentals of Geographic Information Systems	3	
GUS	0274	American Place	3	
History	0167	History of Philadelphia	3	
HRM	0083	Organization and Management (Prerequisite: Engl. C050)	3	
HRM	0200	Intro to Human Resource Management (Prerequisite: HRM 0083)	3	
STOC	0221	Introduction to Public Relations	3	
Advertising	0055	Introduction to Advertising	3	
Law and Business	C001	Law in Society	3	IN
Law and Business	R050	Racial Discrimination Under the Law	3	AC/R
Marketing	0081	Introduction to Marketing (Prerequisite: Econ C051 or C052)	3	
Marketing	0245	Strategic Applications of Technology in Marketing (Prerequisite: Marketing 0081)	3	
Marketing	0250	International Marketing (Prerequisite: Marketing 0081)	3	
Political Science	0135	Urban Politics and Problems	3	
Political Science	0145	American State and Local Politics	3	
Risk. Mgt. and Ins.	0001	Introduction to Risk Management (Prerequisite: Completion of either Economics C051 or C052, and sophomore standing)	3	
Open Electives			7-14	
Total number of semester hours needed to graduate:			128	

Business Minor

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	
<i>RCI</i>				
Accounting	0001	Principles of Accounting I	3	
Accounting	0002	Principles of Accounting II (Prerequisite: ACT 0001)	3	
Economics	C051	Macroeconomic Principles	3	IN
Economics	C052	Microeconomic Principles	3	IN
HRM	0083	Organization and Management (Prerequisite: English C050)	3	
Marketing	0081	Introduction to Marketing (Prerequisite: Econ C051; C052 is a co-requisite or prerequisite)	3	
Risk Mgt. and Ins.	0001	Introduction to Risk Management (Prerequisite: Completion of either Economics C051 or C052, and sophomore standing)	3	
Statistics	C021	Statistical Methods and Concepts (Prerequisite: C- or higher in Stat C011 or H091, or in Math C055, C075, or C085)	3	QB
Total			24	

Certificate Programs**e-Business Certificate in Tourism, Hospitality, Sport, and Recreation Management**

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	
<i>RCI</i>				
THM	0253	Computer Applications (Prerequisite: CIS C055 or demonstration of computer competency)	3	
THM	0331	eBusiness Models and Strategy (Prerequisite: THM 0253, THM 0332)	3	
THM	0332	Management Information Technology Systems in the Industry (Prerequisite: THM 0253)	3	
THM	0333	Case Studies in eCommerce (Prerequisite: THM 0253, THM 0331, and THM 0332)	3	
Total			12	

Certificate in the Geography of Sports, Recreation and Tourism Planning

<i>Department</i>	<i>Course #</i>	<i>Course Name</i>	<i>Hours</i>	
<i>RCI</i>				
See Advisor				



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