Title: Establishing, Restructuring and Terminating Academic Programs  
Policy Number: 02.60.01  
Issuing Authority: Board of Trustees  
Responsible Officer: Provost  

Date Created: October 8, 2002  
Date Last Amended/Reviewed: October 9, 2018  
Date Scheduled for Review: December 2018  
Reviewing Office: Office of the Provost  

Scope of Policy:  
This policy applies to all academic programs within the university.  

Definitions  
“Academic program” means any combination of courses and/or requirements leading to a degree or certificate, or to a major, co-major, minor or academic track and/or concentration.  

A “certificate” is earned through a prescribed course of credit study that is pursued independently of and without enrollment in any degree program.  

Policy Statement  

I. Board of Trustees Authority  
Pursuant to its authority to define the general educational policy of the university, the Board of Trustees reserves to itself the authority to approve all actions relating to all academic programs recognized by notation on transcripts and/or diplomas (with the exception of certificate programs), specifically the authority to: 1) establish, structure, restructure and eliminate degrees that are noted on transcripts and/or diplomas; 2) establish, structure, restructure and eliminate majors, co-majors, minors and academic tracks and/or concentrations within all degree programs of the university that are noted on transcripts and/or diplomas; and 3) establish the requirements for all academic honors that are noted on diplomas or transcripts.  

II. Presidential Authority  
The Board of Trustees delegates to the president or his/her designee the authority to approve the establishment, revision, and elimination of specific courses and the authority to approve changes in the array of courses that are required for majors, co-majors, minors and
and academic tracks and/or concentrations that have been approved by the Board of Trustees.

The Board of Trustees further delegates to the president or his/her designee the authority to make and approve all other academic program actions, including the establishment, revision and elimination of certificate programs.

The president is further authorized to develop a set of administrative procedures for use in preparing all materials necessary for establishing, structuring, reviewing, restructuring or eliminating degrees, certificates, majors, co-majors, minors and academic tracks and/or concentrations and academic honors.

III. Policy Amendment

In every instance in which the Board of Trustees establishes, restructures or terminates a degree, major, co-major, minor or academic track and/or concentration, the Secretary of the university is authorized to amend this policy to reflect such change.

IV. Authorized Academic Programs

The following academic programs are hereby authorized by the Board of Trustees:

Notes

1. Dates of official enactment and amendments:
   1. Footnotes on attached pages provide details on program status.
   2. Dates of official enactment and amendments:

Adopted by the Board of Trustees on October 8, 2002.

Secretary’s Note: In the approved list of degrees for the College of Allied Health Professions, a typographical error listing the Master of Education degrees as Master of Science in Education degrees in the fields of School Health Education and Therapeutic Recreation has been corrected. November 5, 2002.

Secretary’s Note: In the approved list of degrees for the College of Science and Technology, a typographical error listing the Bachelor of Arts degree in Computer and Information Science as Computer and Information Technology has been corrected. December 12, 2006.

Secretary’s Note: In the approved list of degrees for the Fox School of Business and Management, a typographical error regarding the last enroll and last graduates dates for concentrations in the Bachelor of Business Administration in Business Management and the Bachelor of Business Administration in International Business has been corrected. October 4, 2008.
Secretary’s Note: In the approved list of degrees for the College of Health Professions, the degree for Speech, Language and Hearing Science was inadvertently listed as a Bachelor of Science. The correct degree is Bachelor of Arts. December 11, 2008.

Secretary’s Note: In the approved list of degrees for the College of Engineering, the degree for Bioengineering was inadvertently listed as a Master of Science. The correct degree is a Master of Science in Bioengineering. March 2, 2010.

Secretary’s Note: In the approved list of degrees for the College of Education, the program name for the Master of Education was inadvertently listed as Graduate Certificate Program. The correct program name is Graduate Certification Program, June 23, 2011.

Secretary’s Note: In the approved list of degrees for the College of Education, the policy format has been amended to include the approval of minors. December 13, 2016.

Secretary’s note: In the approved list of degrees for the College of Engineering, the effective date for the renamed program in Construction Engineering Technology is Spring 2018, not Fall 2018 as originally noted. March 13, 2018.

Secretary’s note: In the approved list of degrees for the Fox School of Business and Management, the program name for the Concentration in Innovation Strategy in the Master of Science in Innovation Management and Entrepreneurship was inadvertently listed as Innovative Strategy. The correct name for the concentration is Innovation Strategy. March 13, 2018.

Secretary’s note: In the approved list of degrees for the College of Public Health, the last graduate date for the Doctor of Philosophy in Health Ecology should be Spring 2020, not Spring 2017 as originally noted. March 13, 2018.

Secretary’s note: In the approved list of degrees for the School of Pharmacy, the Certificate in Advanced Quality Assurance and Regulatory affairs is a post-masters level certificate, not graduate-level as originally noted. October 9, 2018.

Secretary’s note: In the approved list of degrees for the School of Pharmacy, the following programs should be designated as graduate as well as post-master’s level certificates: Biopharmaceutical Manufacturing and Regulatory Affairs; Biosimilars and Generic Drugs; Clinical Trial Management; Food Regulatory Affairs and Quality Assurance; Global Pharmacovigilance; Good Manufacturing Practices in the 21st Century; Medical Device; and Sterile Process Manufacturing.. October 9, 2018.

Secretary’s Note: In the approved list of degrees for the Tyler School of Art, the Optional Concentration in Art Education was inadvertently omitted from the Bachelor of Fine Art in Glass and the Bachelor of Art in Ceramics. The concentration has been added to both programs effective the program creation date. October 9, 2018.

2. History:
None
Initial Policy Effective Date:
October 8, 2002

Last Amended:
May 2, 2017 (see footnotes)

3. Cross References/Appendix:

Board of Trustees Bylaws, Policy # 01.32.00
ART AND ARCHITECTURE, TYLER SCHOOL OF
(Formerly Tyler School of Art)\(^1\)

ASSOCIATE LEVEL

PROGRAM

HORTICULTURE

DEGREE

Associate in Science\(^2\)

BACHELOR'S LEVEL

PROGRAM (Degree and Minors)

ART
ART HISTORY
ART THERAPY
VISUAL STUDIES
ART EDUCATION
CERAMICS
  OPTIONAL CONCENTRATION: ART EDUCATION
CERAMICS GLASS
  OPTIONAL CONCENTRATION: ART EDUCATION\(^6\)
CERAMICS WITH ENTREPRENEURIAL STUDIES
COMMUNITY DEVELOPMENT
COMMUNITY & REGIONAL PLANNING
GLASS
  OPTIONAL CONCENTRATION: ART EDUCATION

DEGREE

Bachelor of Arts (Japan only), Minor
Bachelor of Arts, Minor
Bachelor of Arts\(^3\)
Bachelor of Arts\(^4\)
Bachelor of Science in Education
Bachelor of Fine Arts\(^5\)

Bachelor of Fine Arts(Terminated)\(^7\)
Bachelor of Fine Arts\(^8\)
Bachelor of Science\(^9\)\(^10\), Minor
Bachelor of Science (terminated)\(^11\), Minor
Bachelor of Fine Arts\(^12\)

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\(^1\) Renamed Tyler School of Art and Architecture by Board action on October 9, 2018. See policy 01.20.03
\(^2\) Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.
\(^3\) Established by Board action on December 13, 2016. First enroll Fall 2017
\(^4\) Established by Board action on June 17, 2010. First enroll Fall 2011
\(^5\) Established by Board action on May 2, 2017. Effective Fall 2017.
\(^6\) Established by Board action on June 21, 2012. First enroll Fall 2012.
\(^7\) Terminated by Board action on May 2, 2017. Last admit Spring 2017, last graduate Spring 2022.
\(^9\) Established by Board action on May 14, 2013. First enroll Fall 2013.
\(^10\) Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.
\(^11\) Terminated by Board action on May 14, 2013. Last admit Spring 2013, last graduate Spring 2018.
\(^12\) Established by Board action on May 2, 2017. Effective Fall 2017.
GLASS WITH ENTREPRENEURIAL STUDIES
Bachelor of Fine Arts

HORTICULTURE
Bachelor of Science

LANDSCAPE ARCHITECTURE
Bachelor of Science

OPTIONAL CONCENTRATION: HORTICULTURE
Bachelor of Science

FIBERS AND MATERIALS STUDIES
Bachelor of Fine Arts

OPTIONAL CONCENTRATION: ART EDUCATION
Bachelor of Fine Arts

FIBERS AND MATERIAL STUDIES WITH ENTREPRENEURIAL STUDIES
Bachelor of Fine Arts

FIBERS AND FABRIC DESIGN (Terminated)
Bachelor of Fine Arts

GRAPHIC & INTERACTIVE DESIGN
Bachelor of Fine Arts

OPTIONAL CONCENTRATION: ART EDUCATION
Bachelor of Fine Arts

GRAPHIC & INTERACTIVE DESIGN WITH ENTREPRENEURIAL STUDIES
Bachelor of Fine Arts

METALS/JEWELRY/CAD-CAM WITH ENTREPRENEURIAL STUDIES
Bachelor of Fine Arts

METALS/JEWELRY/COMPUTER-AIDED DESIGN – COMPUTER-AIDED MANUFACTURING (CAD-CAM)
Bachelor of Fine Arts

OPTIONAL CONCENTRATION: ART EDUCATION
Bachelor of Fine Arts

PAINTING
Bachelor of Fine Arts

OPTIONAL CONCENTRATION: ART EDUCATION
Bachelor of Fine Arts

PAINTING WITH ENTREPRENEURIAL STUDIES
Bachelor of Fine Arts

PHOTOGRAPHY
Bachelor of Fine Arts

OPTIONAL CONCENTRATION: ART EDUCATION
Bachelor of Fine Arts

PHOTOGRAPHY WITH ENTREPRENEURIAL STUDIES
Bachelor of Fine Arts


14 Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.


16 Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.


20 Established by Board action on June 21, 2012. First enroll Fall 2012


23 Established by Board action on June 21, 2012. First enroll Fall 2012

24 Established by Board action on June 21, 2012. First enroll Fall 2012


26 Established by Board action on June 21, 2012. First enroll Fall 2012

PRINTMAKING
OPTIONAL CONCENTRATION: ART EDUCATION
PRINTMAKING WITH ENTREPRENEURIAL STUDIES
Bachelor of Fine Arts

SCULPTURE
OPTIONAL CONCENTRATION: ART EDUCATION
SCULPTURE WITH ENTREPRENEURIAL STUDIES
Bachelor of Fine Arts

ARCHITECTURE
Bachelor of Architecture

ARCHITECTURE
Bachelor of Science in Architecture

FACILITIES MANAGEMENT
Bachelor of Science

HISTORIC PRESERVATION
Bachelor of Science

MINOR ONLY

CITY AND REGIONAL PLANNING
ECOLOGICAL PLANNING AND DESIGN
ENVIRONMENTAL HORTICULTURE
LANDSCAPE STUDIES
SUSTAINABLE FOOD SYSTEMS
Minor

MASTER’S LEVEL

PROGRAM
ART EDUCATION

DEGREE
Bachelor of Education

ARCHITECTURE
ARCHITECTURE
OPTIONAL CONCENTRATION IN ADVANCED TECHNOLOGIES AND DESIGN
OPTIONAL CONCENTRATION IN HEALTH AND DESIGN
OPTIONAL CONCENTRATION IN URBAN ECOLOGIES AND DESIGN
Master of Science

Master of Architecture

Master of Science

ART EDUCATION

Master of Education

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28 Established by Board action on June 21, 2012. First enroll Fall 2012
30 Established by Board action on June 21, 2012. First enroll Fall 2012
32 Terminated by Board action on December 9, 2008. Last enroll Spring 2012 (students who entered Architecture in 2009-10 or before and are eligible for a professional program can last declare the Bachelor of Architecture in Spring 2012), last graduate Spring 2016.
33 Established by Board action on December 9, 2008. First enroll Fall 2010.
34 Renamed from Bachelor of Science in Architectural Preservation to Bachelor of Science in Historic Preservation. Effective Fall 2017.
35 Established by Board action on December 9, 2008. First enroll Fall 2010.
36 Renamed from Minor in Community and Regional Planning to Minor in City and Regional Planning. Effective Fall 2017.
37 Established by Board action on December 9, 2008. First enroll Fall 2010.
ART HISTORY
CERAMICS/GLASS
CITY AND REGIONAL PLANNING\textsuperscript{39}
  OPTIONAL CONCENTRATION IN SUSTAINABLE COMMUNITY PLANNING\textsuperscript{40}
  OPTIONAL CONCENTRATION IN TRANSPORTATION PLANNING\textsuperscript{41}
LANDSCAPE ARCHITECTURE
FACILITIES PLANNING
  OPTIONAL CONCENTRATION IN HEALTH FACILITIES
FIBERS AND FABRIC DESIGN (Terminated)
FIBERS AND MATERIALS STUDIES
ILLUSTRATION
METALS/JEWELRY/COMPUTER-AIDED DESIGN – COMPUTER-AIDED MANUFACTURING (CAD-CAM)
PAINTING
PHOTOGRAPHY
PRINTMAKING
SCULPTURE
GRAPHIC & INTERACTIVE DESIGN

\textbf{DOCTORAL LEVEL}

\textbf{PROGRAM} \hspace{2cm} \textbf{DEGREE}

ART HISTORY \hspace{2cm} Doctor of Philosophy

\textbf{CERTIFICATE OR DIPLOMA}

\textbf{PROGRAM} \hspace{2cm} \textbf{DEGREE}

ARTS IN COMMUNITY \hspace{2cm} Certificate\textsuperscript{49} (undergraduate)

\textsuperscript{39} Replace the Master of Science in Community and Regional Planning with the Master of Science in City and Regional Planning. First enroll Fall 2016.
\textsuperscript{40} Established by Board action on October 14, 1008. First enroll Fall 2009.
\textsuperscript{41} Established by Board action on October 14, 2008. First enroll Fall 2009.
\textsuperscript{42} Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.
\textsuperscript{43} Established by Board action on May 12, 2009. First enroll Fall 2010.
\textsuperscript{44} Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.
\textsuperscript{45} Established by Board action on May 1, 2018. First enroll Fall 2019.
\textsuperscript{46} Terminated (renamed, see footnote below) by Board action on May 11, 2010. Last enroll Spring 2010, last graduate Spring 2015.
\textsuperscript{47} Established by Board action on May 11, 2010, First enroll Fall 2010.
\textsuperscript{48} Established by Board action on October 14, 2014. First enroll Summer 2015
\textsuperscript{49} Established by Presidential action on May 12, 2009. First enroll Fall 2009.
<table>
<thead>
<tr>
<th>Certificate</th>
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<tbody>
<tr>
<td>ARTS IN COMMUNITY  Certificate(^{50}) (graduate)</td>
</tr>
<tr>
<td>CREATIVE ENTREPRENEURSHIP  Certificate(^{51}) (undergraduate)</td>
</tr>
<tr>
<td>ENVIRONMENTAL SUSTAINABILITY  Certificate(^{52}) (undergraduate)(^{53}) Certificate(^{54}) (graduate)</td>
</tr>
<tr>
<td>HEALTH FACILITIES PLANNING  Certificate (undergraduate)</td>
</tr>
<tr>
<td>HISTORIC PRESERVATION  Certificate (undergraduate)</td>
</tr>
<tr>
<td>HORTICULTURAL THERAPY  Certificate (undergraduate)</td>
</tr>
<tr>
<td>LANDSCAPE PLANTS  Certificate (undergraduate)</td>
</tr>
<tr>
<td>NATIVE PERENNIAL GARDEN DESIGN  Certificate(^{56}) (undergraduate)</td>
</tr>
<tr>
<td>SUSTAINABLE COMMUNITY PLANNING  Certificate(^{57}) (graduate)</td>
</tr>
<tr>
<td>SUSTAINABLE FOOD SYSTEMS  Certificate(^{58}) (undergraduate)</td>
</tr>
<tr>
<td>TRANSPORTATION PLANNING  Certificate(^{59}) (graduate)</td>
</tr>
</tbody>
</table>

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\(^{50}\) Established by Presidential action on May 12, 2009. First enroll Fall 2009.
\(^{51}\) Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.
\(^{52}\) Established by Presidential action on March 11, 2008. First enroll Fall 2008.
\(^{53}\) Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016 (all certificates previously offered by School of Environmental Design).
\(^{54}\) Established by Presidential action on May 1, 2018. First enroll Fall 2019.
\(^{55}\) Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.
\(^{56}\) Established by Presidential action on March 10, 2009. First enroll Fall 2009.
\(^{57}\) Established by Presidential action on June 17, 2010. First enroll Fall 2010.
\(^{58}\) Established by Presidential action on June 21, 2012. First enroll Fall 2012.
BUSINESS AND MANAGEMENT, FOX SCHOOL OF

BACHELOR’S LEVEL

PROGRAM (Degree and Minors)

ACCOUNTING

ACTUARIAL SCIENCE

BUSINESS MANAGEMENT
  CONCENTRATIONS IN ECONOMICS, EMPLOYEE BENEFITS,
  FINANCE, HEALTHCARE MANAGEMENT, LAW, MARKETING,
  REAL ESTATE, and PROPERTY LIABILITY (Terminated)\textsuperscript{60}

ECONOMICS

E-MARKETING

ENTREPRENEURSHIP

ENTREPRENEURSHIP AND INNOVATION MANAGEMENT

FINANCE
  CONCENTRATION IN CORPORATE FINANCE\textsuperscript{64}
  CONCENTRATION IN ASSET PRICING

FINANCIAL PLANNING

HUMAN RESOURCE ADMINISTRATION

HUMAN RESOURCE MANAGEMENT

INTERNATIONAL BUSINESS
  CONCENTRATION IN INTERNATIONAL MARKETING\textsuperscript{68}
  CONCENTRATION IN INTERNATIONAL SALES AND BUSINESS
  DEVELOPMENT
  CONCENTRATION IN INTERNATIONAL SUPPLY CHAIN
  MANAGEMENT, TRANSPORTATION AND LOGISTICS
  CONCENTRATION IN INTERNATIONAL ECONOMICS
  CONCENTRATION IN INTERNATIONAL ENTRPRENEURSHIP
  CONCENTRATION IN INTERNATIONAL FINANCE
  CONCENTRATION IN HUMAN RESOURCE ADMINISTRATION
    (Terminated)\textsuperscript{69}
  CONCENTRATION IN ACCOUNTING, ACTUARIAL SCIENCE,
  ECONOMICS, E-MARKETING, ENTREPRENEURSHIP, FINANCE,
  HUMAN RESOURCE MANAGEMENT, LEGAL STUDIES

DEGREE

Bachelor of Business Administration, Minor
Bachelor of Business Administration

Bachelor of Business Administration, Minor
Bachelor of Business Administration

Bachelor of Business Administration (Terminated)\textsuperscript{61}
Bachelor of Business Administration (Terminated-renamed)\textsuperscript{62}
Bachelor of Business Administration\textsuperscript{63}, Minor
Bachelor of Business Administration, Minor

Bachelor of Business Administration\textsuperscript{65}

Bachelor of Business Administration

Bachelor of Business Administration

Bachelor of Business Administration

Bachelor of Business Administration (Terminated)\textsuperscript{66}

Bachelor of Business Administration\textsuperscript{67}

Terminated (all concentrations) by Board action on March 13, 2007. Last enroll Spring 2010, last graduate Spring 2014.

Terminated by Board action on December 12, 2006. Last enroll Spring 2007, last graduate Spring 2012.


Established by Board action on May 13, 2014. First enroll Fall 2014.

Established by Board action (two concentrations) on March 14, 2017. First enroll Fall 2017.

Established by Board action on March 11, 2015. First enroll Fall 2015.


Established by Board action (concentrations only) on May 13, 2014. First enroll Fall 2014.

MARKETING, MANAGEMENT INFORMATION SYSTEMS REAL ESTATE, and RISK MANAGEMENT & INSURANCE (All concentrations terminated)  

LAW & BUSINESS  
LEGAL STUDIES  
MANAGEMENT INFORMATION SYSTEMS  
MARKETING  
REAL ESTATE  
RISK MANAGEMENT & INSURANCE  
SUPPLY CHAIN MANAGEMENT  
STATISTICAL SCIENCE AND DATA ANALYTICS  

MINOR ONLY
BUSINESS
BUSINESS ANALYTICS
CORPORATE SOCIAL RESPONSIBILITY
DIGITAL MARKETING
ENTERTAINMENT LAW AND BUSINESS
GENERAL BUSINESS STUDIES
HEALTHCARE MANAGEMENT
HUMAN RESOURCE FOR LEGAL STUDIES
INFORMATION TECHNOLOGY INNOVATION AND ENTREPRENEURSHIP
INTERNATIONAL BUSINESS ADMINISTRATION
LEGAL STUDIES FOR HUMAN RESOURCE MANAGERS
LEGAL STUDIES FOR REAL ESTATE MAJORS
MANAGEMENT CONSULTING
ORGANIZATIONAL LEADERSHIP
REAL ESTATE
STATISTICS AND DATA SCIENCE

Bachelor of Business Administration  
Terminated)  
Bachelor of Business Administration, Minor  
Bachelor of Business Administration, Minor  
Bachelor of Business Administration  
Bachelor of Business Administration  
Bachelor of Business Administration, Minor  
Bachelor of Science

70 Terminated (all concentrations) by Board action on March 13, 2007. Last enroll Spring 2010, last graduate Spring 2014.  
71 Terminated by Board action on December 12, 2006. Last enroll Spring 2007, last graduate Spring 2012.  
72 Established by Board action on December 12, 2006. First enroll Fall 2007.  
73 Established by Board action on March 11, 2015. First enroll Fall 2015.  
74 Established by Board action on March 15, 2016. First enroll Fall 2016.  
75 Established by Board action on March 14, 2017. First enroll Fall 2017.  
76 Established by Board action on March 14, 2017. First enroll Fall 2017.  
77 Renamed Organizational Leadership from Leadership on March 14, 2017. Effective fall 2017.  
78 Established by Board action on March 14, 2017. First enroll Fall 2017.  
79 Renamed Statistics and Data Science from Statistics on May 1, 2018. Effective Fall 2018.
MASTER’S LEVEL

PROGRAM

ACCOUNTANCY
ACCOUNTING
  OPTIONAL CONCENTRATION IN CORPORATE ACCOUNTING
ACCOUNTING & FINANCIAL MANAGEMENT
ACTUARIAL SCIENCE
BUSINESS ADMINISTRATION
  CONCENTRATION IN BUSINESS ANALYTICS
  CONCENTRATION IN BUSINESS MANAGEMENT
  CONCENTRATION IN CORPORATE COMPLIANCE, GOVERNANCE, AND REGULATORY POLICY
  CONCENTRATION IN ENTERPRISE RISK MANAGEMENT
  CONCENTRATION IN ENTREPRENEURSHIP
  CONCENTRATION IN FINANCIAL MANAGEMENT
  CONCENTRATION IN HEALTH SECTOR MANAGEMENT
  CONCENTRATION IN HUMAN RESOURCE MANAGEMENT
  CONCENTRATION IN INFORMATION TECHNOLOGY MANAGEMENT
  CONCENTRATION IN INNOVATION MANAGEMENT
  CONCENTRATION IN INTERNATIONAL MANAGEMENT
  CONCENTRATION IN MANAGEMENT CONSULTING
  CONCENTRATION IN MARKETING MANAGEMENT
  CONCENTRATION IN SPORT BUSINESS
  CONCENTRATION IN STRATEGIC MANAGEMENT
  CONCENTRATION IN SUPPLY CHAIN MANAGEMENT
  CONCENTRATION IN TRAVEL AND TOURISM
DEGREE

Master of Accountancy
Master of Science
Master of Science (terminated)
Master of Business Administration

81 Established by Board action on December 9, 2014. First enroll Spring 2015.
82 Terminated by Board action on December 10, 2014. Last enroll Fall 2014. Last graduate spring 2018.
83 Established by Board action on March 15, 2016. First enroll Fall 2016.
84 Established by Board action on March 8, 2005. First enroll Fall 2005.
85 Established by Board action on October 10, 2017. First enroll Spring 2018.
86 Established by Board action on March 15, 2016. First enroll Fall 2016.
87 Established by Board action (concentration only) on July 17, 2014. First enroll Fall 2014.
88 Established by Board action on March 5, 2013. First enroll Fall 2013.
89 Established by Board action on October 11, 2011. First enroll Fall 2011.
91 Established by Board action on March 8, 2005. First enroll Fall 2005.
92 Established by Board action (concentration only) on July 17, 2014. First enroll Fall 2014.
93 Established by Board action on December 19, 2017. First enroll Fall 2018.
94 Established by Board action on December 19, 2017. First enroll Fall 2018.
95 Established by Board action on March 8, 2005. First enroll Fall 2005.
96 Established by Board action on December 19, 2017. First enroll Fall 2018.
97 Established by Board action on March 12, 2018. First enroll Fall 2018.
98 Established by Board action on December 19, 2017. First enroll Fall 2018.
99 Established by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.
100 Terminated by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.
CONCENTRATION IN ACTUARIAL SCIENCE (Terminated)\textsuperscript{101}
CONCENTRATION IN BUSINESS ADMINISTRATION (Terminated)\textsuperscript{102}
CONCENTRATION IN E-BUSINESS (Terminated)\textsuperscript{103}
CONCENTRATION IN FINANCE (Terminated)\textsuperscript{104}
CONCENTRATION IN FINANCIAL MANAGEMENT – CORPORATE FINANCIAL MANAGEMENT\textsuperscript{105} (Terminated)
CONCENTRATION IN FINANCIAL MANAGEMENT – INVESTMENT MANAGEMENT\textsuperscript{107} (Terminated)
CONCENTRATION IN GENERAL & STRATEGIC MANAGEMENT (Terminated)\textsuperscript{109}
CONCENTRATION IN HEALTHCARE AND LIFE SCIENCES INNOVATION\textsuperscript{110} (Terminated)\textsuperscript{111}
CONCENTRATION IN HEALTHCARE MANAGEMENT (Terminated)\textsuperscript{112}
CONCENTRATION IN HUMAN RESOURCE ADMINISTRATION (Terminated)\textsuperscript{113}
CONCENTRATION IN INTERNATIONAL BUSINESS ADMINISTRATION (Terminated)\textsuperscript{114}
CONCENTRATION IN INTERNATIONAL BUSINESS MANAGEMENT\textsuperscript{115} (Terminated)
CONCENTRATION IN MARKETING (Terminated)\textsuperscript{117}
CONCENTRATION IN MANAGEMENT INFORMATION SYSTEMS (Terminated)\textsuperscript{118}
CONCENTRATION IN PHARMACEUTICAL MANAGEMENT\textsuperscript{119} (Terminated)
CONCENTRATION IN RISK MANAGEMENT & INSURANCE (Terminated)\textsuperscript{121}
CONCENTRATION IN RISK MANAGEMENT\textsuperscript{122} (Terminated)

BUSINESS ANALYTICS Master of Science\textsuperscript{124}
BUSINESS RESEARCH Master of Science\textsuperscript{125}

\textsuperscript{103} Terminated by Board action on March 8, 2005. Last admit Spring 2005. Last graduate Spring 2008.
\textsuperscript{105} Established by Board action on March 8, 2005. First enroll Fall 2005.
\textsuperscript{106} Terminated by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.
\textsuperscript{107} Established by Board action on March 8, 2005. First enroll Fall 2005.
\textsuperscript{108} Terminated by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.
\textsuperscript{110} Established by Board action on June 19, 2008. First enroll Fall 2008.
\textsuperscript{111} Terminated by Board action on October 11, 2011. Last admit Fall 2011. Last graduate Spring 2016.
\textsuperscript{112} Terminated by Board action on June 19, 2008. Last enroll Spring 2009, last graduate Spring 2014.
\textsuperscript{113} Terminated by Board action on May 11, 2004. Last enroll Spring 2004, last graduate Spring 2009.
\textsuperscript{115} Established by Board action on March 8, 2005. First enroll Fall 2005.
\textsuperscript{116} Terminated by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.
\textsuperscript{119} Established by Board action on June 19, 2008. First enroll Fall 2008.
\textsuperscript{120} Terminated by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.
\textsuperscript{121} Terminated by Board action on March 8, 2005. Last admit Spring 2005. Last graduate Spring 2008.
\textsuperscript{122} Established by Board action on March 8, 2005. First enroll Fall 2005.
\textsuperscript{123} Terminated by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.
\textsuperscript{124} Established by Board action on May 13, 2014. First enroll Fall 2014.
\textsuperscript{125} Established by Board action on May 14, 2013. Effective Spring 2013.
<table>
<thead>
<tr>
<th>Degree/Program</th>
<th>Level</th>
<th>Notes</th>
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<tbody>
<tr>
<td>COMPLIANCE, ETHICS AND REGULATORY AFFAIRS</td>
<td>Master</td>
<td>Established by Board action on July 17, 2014. First enroll Fall 2014.</td>
</tr>
<tr>
<td>CORPORATE COMPLIANCE AND ETHICS</td>
<td>Master</td>
<td>Terminated (renamed) by Board action on March 11, 2015.</td>
</tr>
<tr>
<td>DECISION NEUROSCIENCE</td>
<td>Master</td>
<td>Established by Board action on March 11, 2015. First enroll Fall 2015.</td>
</tr>
<tr>
<td>DIGITAL INNOVATION IN MARKETING</td>
<td>Master</td>
<td>Established by Board action on May 12, 2015. First enroll Fall 2015.</td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>Master</td>
<td>Established by Board action on July 17, 2014. First enroll Fall 2014.</td>
</tr>
<tr>
<td>E-BUSINESS</td>
<td>Master</td>
<td>Transferred by Board action from the Fox School of Business and Management to College of Liberal Arts. Last admit Fall 2008, last graduate Spring 2015.</td>
</tr>
<tr>
<td>EXECUTIVE PROGRAM</td>
<td>Master</td>
<td>Established by Board action on December 10, 2013 (concentration only). First enroll Spring 2014.</td>
</tr>
<tr>
<td>OPTIONAL CONCENTRATION IN HOSPITALITY ASSET MANAGEMENT</td>
<td>Master</td>
<td>Established by Board action on December 12, 2005. First enroll Fall 2006.</td>
</tr>
<tr>
<td>FINANCE</td>
<td>Master</td>
<td>Established by Board action on December 13, 2011. First enroll Fall 2012.</td>
</tr>
<tr>
<td>FINANCIAL ANALYSIS AND RISK MANAGEMENT</td>
<td>Master</td>
<td>Established by Board action on May 1, 2018. First enroll Fall 2018.</td>
</tr>
<tr>
<td>HEALTH ADMINISTRATION</td>
<td>Master</td>
<td>Established by Board action on December 9, 2014. First enroll Fall 2015.</td>
</tr>
<tr>
<td>HEALTHCARE MANAGEMENT/HEALTHCARE FINANCIAL MANAGEMENT</td>
<td>Master</td>
<td>Terminated (renamed) by Board action on December 9, 2014. Last enroll Spring 2015.</td>
</tr>
<tr>
<td>HUMAN RESOURCE ADMINISTRATION</td>
<td>Master</td>
<td>Terminated (dual degree program only) by Board Action on March 1, 2011. Terminate as of Spring 2011. No currently enrolled students.</td>
</tr>
<tr>
<td>CONCENTRATION IN CYBERSECURITY</td>
<td>Master</td>
<td>Established by Board action (concentrations only) on May 13, 2014. First enroll Fall 2014.</td>
</tr>
</tbody>
</table>
INFORMATION TECHNOLOGY MANAGEMENT

INNOVATION MANAGEMENT AND ENTREPRENEURSHIP
CONCENTRATION IN INNOVATION STRATEGY\(^{148}\)
CONCENTRATION IN TECHNOLOGY AND INNOVATION MANAGEMENT
CONCENTRATION IN ENTREPRENEURSHIP

INVESTMENT MANAGEMENT

INTERNATIONAL BUSINESS ADMINISTRATION – TRI COUNTRY

INTERNATIONAL BUSINESS
CONCENTRATION IN FINANCE
CONCENTRATION IN GENERAL & STRATEGIC MANAGEMENT
CONCENTRATION IN HUMAN RESOURCE ADMINISTRATION (Terminated)\(^{152}\)
CONCENTRATION IN HUMAN RESOURCE MANAGEMENT\(^{153}\)
CONCENTRATION IN MARKETING
CONCENTRATION IN RISK MANAGEMENT & INSURANCE

MARKETING
OPTIONAL CONCENTRATION IN CONSUMER INSIGHTS (Terminated)\(^{155}\)
OPTIONAL CONCENTRATION IN MARKETING COMMUNICATIONS (Terminated)\(^{157}\)
OPTIONAL CONCENTRATION IN STRATEGIC ADVERTISING AND MARKETING\(^{158}\)
OPTIONAL CONCENTRATION IN MARKETING RESEARCH AND INSIGHT\(^{159}\)
OPTIONAL CONCENTRATION IN ENTERPRISE MARKETING MANAGEMENT\(^{160}\)

MANAGEMENT INFORMATION SYSTEMS

PROFESSIONAL ACCOUNTING

RISK MANAGEMENT AND INSURANCE

STATISTICS

Master of Business Administration/
Master of Science\(^{146,147}\) (Terminated)
Master of Science\(^{149}\)

Master of Science\(^{150}\)

Master of Business Administration\(^{151}\) (Terminated)
Master of Business Administration/
Master of Science\(^{154}\) (Terminated – including concentrations)

Master of Science

Master of Science

Master of Science

Master of Science

147 Terminated by Board action on March 5, 2013. Last admit Spring 2013, last graduate May 2017.
148 Established by Board action (concentrations only) on October 8, 2013. First enroll Fall 2013.
150 Established by Board action on December 13, 2011. First enroll Fall 2012.
151 Terminated by Board action on March 5, 2013. Last admit Spring 2013, last graduate May 2017.
154 Terminated by Board action on March 5, 2013. Last admit Spring 2013, last graduate May 2017.
155 Terminated by Board action (optional concentration only) on March 14, 2017.
156 Established by Board action (optional concentrations only) on March 11, 2015. First enroll Fall 2015.
157 Terminated by Board action (optional concentration only) on March 14, 2017.
158 Established by Board action (optional concentration only) on March 14, 2017. First enroll Fall 2017.
159 Established by Board action (optional concentration only) on March 14, 2017. First enroll Fall 2017.
160 Established by Board action (optional concentration only) on March 14, 2017. First enroll Fall 2017.
161 Terminated by Board action on May 10, 2011. Terminate as of Spring 2011. No currently enrolled students.
162 Established by Board action on May 14, 2013. First enroll Fall 2013.
STRATEGIC ADVERTISING AND MARKETING

DOCTORAL LEVEL

PROGRAM

BUSINESS ADMINISTRATION
CONCENTRATION IN ACCOUNTING
CONCENTRATION IN ENTREPRENEURSHIP
CONCENTRATION IN FINANCE

CONCENTRATION IN HUMAN RESOURCE ADMINISTRATION
CONCENTRATION IN HUMAN RESOURCE MANAGEMENT AND ORGANIZATIONAL BEHAVIOR
CONCENTRATION IN INTERDISCIPLINARY STUDY
CONCENTRATION IN INTERNATIONAL BUSINESS ADMINISTRATION
CONCENTRATION IN MANAGEMENT INFORMATION SYSTEMS
CONCENTRATION IN MARKETING
CONCENTRATION IN OPERATIONS AND SUPPLY CHAIN MANAGEMENT

CONCENTRATION IN RISK MANAGEMENT & INSURANCE
CONCENTRATION IN RISK, INSURANCE & HEALTHCARE

CONCENTRATION IN STRATEGIC MANAGEMENT
CONCENTRATION IN TOURISM

DOCTORAL LEVEL

DEGREE

Master of Science

Doctor of Philosophy

ECONOMICS
GLOBAL FINANCE
STATISTICS
DOCTOR OF BUSINESS ADMINISTRATION (Executive program)

163 Established by Board action on December 19, 2017. First Enroll Fall 2018.
164 Established by Board action on October 14, 2008. First enroll Fall 2009.
165 Terminated by Board action on October 14, 2008. Last enroll Spring 2009, last graduate Spring 2014.
166 Established by Board action on May 14, 2013. First enroll Fall 2013.
167 Established by Board action on October 13, 2009. First enroll Fall 2010.
168 Established by Board action on May 1, 2018. First Enroll Fall 2018.
169 Established by Board action on October 14, 2008. First enroll Fall 2009.
170 Terminated (renamed, see above footnote) by Board action on October 14, 2008. Last enroll Spring 2009, last graduate Spring 2014.
172 Established by Board action on March 11, 2008. First enroll Fall 2008
173 Established by Board action on May 12, 2015. First enroll Fall 2015.
174 Transferred by Board action from the Fox School of Business and Management to College of Liberal Arts. Last admit Fall 2008, last graduate Spring 2015.
175 Established by Board action on May 1, 2018. First enroll Fall 2018.
176 Established by Board action on March 12, 2012. First enroll Fall 2012.
<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTREPRENEURSHIP</td>
<td>Certificate(^{177}) (undergraduate)</td>
</tr>
<tr>
<td>ENTREPRENEURSHIP AND INNOVATION MANAGEMENT</td>
<td>Certificate (^{178}) (terminated)</td>
</tr>
<tr>
<td>LEADERSHIP</td>
<td>Certificate (^{179}) (undergraduate)</td>
</tr>
<tr>
<td>MANAGEMENT INFORMATION SYSTEMS</td>
<td>Certificate (^{180}) (Terminated)</td>
</tr>
<tr>
<td>PEOPLE FIRST</td>
<td>Certificate (^{181}) (undergraduate)</td>
</tr>
<tr>
<td>BUSINESS ANALYTICS</td>
<td>Certificate (^{182}) (graduate)</td>
</tr>
<tr>
<td>BUSINESS ADMINISTRATION</td>
<td>Certificate (^{183}) (graduate)</td>
</tr>
<tr>
<td>CORPORATE INSTRUCTIONAL DESIGN</td>
<td>Certificate (^{184}) (graduate)</td>
</tr>
<tr>
<td>COMMERCIALIZATION OF TECHNOLOGICAL INNOVATION</td>
<td>Certificate (^{185}) (graduate)</td>
</tr>
<tr>
<td>ENTREPRENEURSHIP</td>
<td>Certificate (^{186}) (graduate)</td>
</tr>
<tr>
<td>ENTREPRENEURSHIP AND TECHNOLOGY COMMERCIALIZATION</td>
<td>Certificate (^{187}) (graduate)</td>
</tr>
<tr>
<td>HEALTHCARE BUSINESS ANALYTICS</td>
<td>Certificate (^{188}) (graduate)</td>
</tr>
<tr>
<td>HEALTHCARE INNOVATION MANAGEMENT</td>
<td>Certificate (^{189}) (graduate)</td>
</tr>
<tr>
<td>HUMAN RESOURCE MANAGEMENT</td>
<td>Certificate (^{190}) (graduate)</td>
</tr>
<tr>
<td>INNOVATION STRATEGY</td>
<td>Certificate (^{191}) (graduate)</td>
</tr>
<tr>
<td></td>
<td>Certificate (^{192}) (graduate)</td>
</tr>
<tr>
<td></td>
<td>Certificate (^{193}) (graduate)</td>
</tr>
<tr>
<td></td>
<td>Certificate (^{194}) (graduate)</td>
</tr>
</tbody>
</table>

\(^{179}\) Established by Presidential action on May 13, 2014. First enroll Fall 2014.  
\(^{180}\) Established by Presidential action, reported to the Board on December 13, 2011. First enroll Fall 2012.  
\(^{182}\) Established by Presidential action on March 14, 2006. First enroll Fall 2006.  
\(^{183}\) Terminated by Presidential action; reported to the Board on December 13, 2011. Last enroll Spring 12, complete by Spring 2016.  
\(^{184}\) Established by Presidential action on May 13, 2014. First enroll Fall 2014.  
\(^{186}\) Established by Presidential action on May 1, 2018. First enroll Fall 2018.  
\(^{187}\) Established by Presidential action on October 8, 2013. First enroll Fall 2013.  
\(^{188}\) Terminated by Presidential action on May 1, 2018. Last enroll Summer II 2018. Last graduate Spring 2022.  
\(^{189}\) Established by Presidential action; reported to the Board on June 19, 2008. First enroll Fall 2008.  
\(^{190}\) Established by Presidential action on May 1, 2018. First enroll Fall 2018.  
\(^{191}\) Established by Presidential action on March 10, 2014. First enroll Summer 2014.  
\(^{192}\) Established by Presidential action; reported to the Board on July 17, 2014. First enroll Fall 2014.  
\(^{194}\) Established by Presidential action on March 10, 2014. First enroll Summer 2014.
IT AUDITING AND CYBER SECURITY Certificate
MANAGEMENT CONSULTING Certificate
POST-MBA: 197
ACCOUNTING AND FINANCIAL MANAGEMENT Certificate (graduate)
ACTUARIAL SCIENCE Certificate (graduate)
BUSINESS MANAGEMENT Certificate (graduate)
FINANCE Certificate (graduate)
GENERAL AND STRATEGIC MANAGEMENT Certificate (graduate)
HEALTHCARE MANAGEMENT Certificate (graduate)
HUMAN RESOURCE MANAGEMENT Certificate (graduate)
INTERNATIONAL BUSINESS MANAGEMENT Certificate (graduate)
MANAGEMENT INFORMATION SYSTEMS Certificate (graduate)
MARKETING Certificate (graduate)
RISK MANAGEMENT Certificate (graduate)

196 Established by Presidential action on December 19, 2017. First enroll Fall 2018.
# DENTISTRY, MAURICE H. KORNBERG SCHOOL OF

## MASTER’S LEVEL

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORAL BIOLOGY</td>
<td>Master of Science</td>
</tr>
</tbody>
</table>

## PROFESSIONAL LEVEL

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DENTISTRY</td>
<td>Doctor of Dental Medicine</td>
</tr>
<tr>
<td>DENTISTRY (Advanced DMD Program for Faculty)</td>
<td>Doctor of Dental Medicine</td>
</tr>
<tr>
<td>DENTISTRY (Advanced Standing Program) (Terminated)</td>
<td>Doctor of Dental Medicine</td>
</tr>
<tr>
<td>DENTISTRY (Post-Dental Program for Foreign Trained Dentists)</td>
<td>Doctor of Dental Medicine</td>
</tr>
</tbody>
</table>

## CERTIFICATE OR DIPLOMA

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DENTAL PUBLIC HEALTH</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>ENDODONTICS</td>
<td>Specialty Certificate (graduate)</td>
</tr>
<tr>
<td>ORTHODONTICS</td>
<td>Specialty Certificate (graduate)</td>
</tr>
<tr>
<td>PERIODONTICS</td>
<td>Specialty Certificate (graduate)</td>
</tr>
<tr>
<td>ADVANCED EDUCATION IN GENERAL DENTISTRY</td>
<td>Certificate (graduate)</td>
</tr>
</tbody>
</table>

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198 Re-established by Board action on March 8, 2005.
201 Established by Presidential action on October 8, 2013. First enroll Summer 2014.
## EDUCATION, COLLEGE OF

### BACHELOR’S LEVEL

#### PROGRAM (Degree and Minors)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts</td>
<td>Minor</td>
</tr>
<tr>
<td>Bachelor of Arts</td>
<td>Terminated-renamed</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult and Organizational Development</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>Applied Communications</td>
<td></td>
</tr>
<tr>
<td>Human Development and Community Engagement</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>Optional Concentration in Community Based Education</td>
<td></td>
</tr>
<tr>
<td>Optional Concentration in Non-Profit Organization and Advocacy</td>
<td></td>
</tr>
<tr>
<td>Optional Concentration in Childhood Mental Health</td>
<td></td>
</tr>
<tr>
<td>Optional Concentration in Policy and Advocacy</td>
<td></td>
</tr>
<tr>
<td>Optional Concentration in Parent and Community Services</td>
<td></td>
</tr>
<tr>
<td>Optional Concentration in English Language Learners</td>
<td></td>
</tr>
<tr>
<td>Optional Concentration in Education at Cultural Institutions and in Community Programs</td>
<td></td>
</tr>
<tr>
<td>Kinesiology</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>Early Childhood-Elementary Education (PreK-4)</td>
<td></td>
</tr>
<tr>
<td>Optional Concentration in Special Education</td>
<td></td>
</tr>
<tr>
<td>Elementary Education</td>
<td>Bachelor of Science in Education</td>
</tr>
<tr>
<td>Concentration in Special Education</td>
<td></td>
</tr>
<tr>
<td>Concentration in Early Childhood Education</td>
<td></td>
</tr>
<tr>
<td>Concentration in Middle School Education</td>
<td></td>
</tr>
<tr>
<td>Career and Technical Education</td>
<td>Bachelor of Science in Education</td>
</tr>
<tr>
<td>Concentration in Business, Computer and Information Technology Education</td>
<td></td>
</tr>
<tr>
<td>Concentration in Business Education</td>
<td></td>
</tr>
<tr>
<td>Concentration in Industrial Education</td>
<td></td>
</tr>
<tr>
<td>Concentration in Marketing Education</td>
<td></td>
</tr>
</tbody>
</table>

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204 Established by Board action on May 12, 2015. First enroll Fall 2015.
205 Established by Board action on May 12, 2015. First enroll Fall 2015.
206 Terminated (renamed) by Board action on May 12, 2015. Effective Spring 2015 (no students enrolled)
207 Terminated (renamed) by Board action on May 12, 2015. Last enroll Spring 2015, last graduate Spring 2019.
208 Terminated (renamed) by Board action on May 12, 2015. Effective Spring 2015 (no students enrolled)
209 Terminated (renamed) by Board action on May 12, 2015. Last enroll Spring 2015, last graduate Spring 2019.
211 Transferred to the College of Health Professions by Board action on May 10, 2005. Last graduate from the College of Education August 2005.
212 Established by Board action on May 14, 2013. First enroll Fall 2013.
215 Established by Board action on June 20, 2013. First enroll Fall 2013.
216 Terminated (renamed) by Board action on June 20, 2013.
MIDDLE GRADES EDUCATION
  CONCENTRATION IN LANGUAGE ARTS
  CONCENTRATION IN MATHEMATICS
  CONCENTRATION IN SCIENCE
  CONCENTRATION IN SOCIAL STUDIES
  CONCENTRATION IN MATHEMATICS AND LANGUAGE ARTS
  CONCENTRATION IN MATHEMATICS AND SCIENCE
  CONCENTRATION IN SCIENCE AND LANGUAGE ARTS

SECONDARY EDUCATION / ENGLISH EDUCATION
(Combined with second major in English in the College of Liberal Arts)

SECONDARY EDUCATION / MATHEMATICS EDUCATION
(Combined with second major in mathematics in the College of Science and Technology)

SECONDARY EDUCATION / SCIENCE EDUCATION
(Combined with second majors in biology, chemistry, earth and space science, general science, or physics in the College of Science and Technology)

SECONDARY EDUCATION / SOCIAL STUDIES EDUCATION
(Combined with second majors in economics, geography and urban studies, history, or political science in the College of Liberal Arts)

SECONDARY EDUCATION / WORLD LANGUAGES EDUCATION
(Combined with second majors in Chinese, French, German, Italian, Hebrew, Latin, Portuguese or Spanish in the College of Liberal Arts)

MINOR ONLY
EDUCATION

MINOR

MASTER’S LEVEL

PROGRAM

ACCOMPLISHED TEACHING

APPLIED BEHAVIOR ANALYSIS

APPLIED COMMUNICATIONS

ADULT & ORGANIZATIONAL DEVELOPMENT

CAREER AND TECHNICAL EDUCATION
  CONCENTRATION IN BUSINESS, COMPUTER AND INFORMATION TECHNOLOGY
  CONCENTRATION IN INDUSTRIAL EDUCATION
  CONCENTRATION IN MARKETING EDUCATION

CAREER AND TECHNICAL EDUCATION

COUNSELING PSYCHOLOGY

DEGREE

Master of Science in Education

Master of Science in Education

Master of Science in Education

Master of Science in Education

Master of Science in Education

Master of Science in Education

Master of Science in Education

Master of Science in Education

Master of Science in Education

Master of Science in Education

Master of Science in Education

217 Established by Board action (single concentrations only) on March 11, 2015. First enroll Fall 2015.
218 Established by Board action on June 19, 2009. First enroll Fall 2010
219 Established by Board action on May 12, 2015. First enroll Fall 2015.
220 Established by Board action on May 12, 2015. First enroll Fall 2015.
221 Terminated by Board action on June 23, 2011. Terminate as of Spring 2011. No currently enrolled students.
222 Established by Board action on October 11, 2011. Effective Fall 2011.
223 Established by Board action on May 12, 2015. First enroll Fall 2015.
EDUCATION
CONCENTRATION IN ACCOMPLISHED TEACHING (terminated)
CONCENTRATION IN APPLIED BEHAVIORAL ANALYSIS (terminated)
CONCENTRATION IN CAREER AND TECHNICAL EDUCATION (terminated)
CERTIFICATE IN BUSINESS EDUCATION
CERTIFICATE IN INDUSTRIAL EDUCATION
CERTIFICATE IN MARKETING EDUCATION
CONCENTRATION IN READING (terminated)
CONCENTRATION IN TEACHING ENGLISH AS A SECOND LANGUAGE (terminated)

Master of Science in Education (Terminated)

EDUCATIONAL ADMINISTRATION
EARLY CHILDHOOD EDUCATION
EARLY CHILDHOOD EDUCATION AND SPECIAL EDUCATION
EDUCATIONAL LEADERSHIP
CONCENTRATION IN K-12
CONCENTRATION IN HIGHER EDUCATION
EDUCATIONAL PSYCHOLOGY/LEARNING TECHNOLOGY
EDUCATIONAL PSYCHOLOGY
GRADUATE CERTIFICATION PROGRAM
CONCENTRATION IN ELEMENTARY EDUCATION
CONCENTRATION IN SECONDARY EDUCATION
CONCENTRATION IN SPECIAL EDUCATION (terminated)
CONCENTRATION IN CAREER AND TECHNICAL EDUCATION

Master of Education (Terminated)

HIGHER EDUCATION
CONCENTRATION IN ACCESS AND SUCCESS
CONCENTRATION IN INSTITUTIONAL EFFECTIVENESS
CONCENTRATION IN STUDENT AFFAIRS LEADERSHIP

Master of Education

KINESIOLOGY

Master of Education (Transferred)

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225 Established by Board action on March 5, 2013. First enroll Fall 2013.
227 Terminated (renamed degree) by Board action on March 12, 2012. Last admit spring 2012, last graduate Spring 2016.
228 Established by Board action on October 14, 2014. First enroll Spring 2015.
229 Established by Board action on October 14, 2014. First enroll Spring 2015.
233 Terminated (Concentration in Special Education) by Board action on June 17, 2010. Last admit Fall 2010, last graduate August 2012.
234 Terminated by Board action on October 11, 2011. Students to be moved to new programs to be consistent with state teacher certification requirements.
235 Established by Board action on December 8, 2015. First enroll Summer 2016
236 Transferred to the College of Health Professions by Board action on May 10, 2005. Last graduate from the College of Education August 2005.
MIDDLE GRADES EDUCATION
CONCENTRATION IN LANGUAGE ARTS
CONCENTRATION IN MATHEMATICS
CONCENTRATION IN SCIENCE
CONCENTRATION IN SOCIAL STUDIES
CONCENTRATION IN MATHEMATICS AND LANGUAGE ARTS
CONCENTRATION IN SCIENCE AND LANGUAGE ARTS
CONCENTRATION IN MATHEMATICS AND SCIENCE

MIDDLE GRADES AND SPECIAL EDUCATION
CONCENTRATION IN LANGUAGE ARTS
CONCENTRATION IN MATHEMATICS
CONCENTRATION IN SCIENCE
CONCENTRATION IN SOCIAL STUDIES
CONCENTRATION IN MATHEMATICS AND LANGUAGE ARTS
CONCENTRATION IN SCIENCE AND LANGUAGE ARTS
CONCENTRATION IN MATHEMATICS AND SCIENCE

SCHOOL LEADERSHIP
CONCENTRATION IN CURRICULUM SUPERVISION
CONCENTRATION IN PRINCIPAL LEADERSHIP
CONCENTRATION IN REFORM AND CHANGE LEADERSHIP
OPTIONAL CONCENTRATION IN URBAN EDUCATION
(terminated)

SCHOOL PSYCHOLOGY

SECONDARY EDUCATION
CONCENTRATION IN ENGLISH EDUCATION
CONCENTRATION IN MATHEMATICS EDUCATION
CONCENTRATION IN SCIENCE EDUCATION
CONCENTRATION IN SOCIAL STUDIES EDUCATION
CONCENTRATION IN WORLD/FOREIGN LANGUAGES EDUCATION

SPECIAL EDUCATION
CONCENTRATION IN AUTISM SPECTRUM DISORDERS
CONCENTRATION IN APPLIED BEHAVIORAL ANALYSIS/AUTISM SPECTRUM DISORDERS (terminated)
CONCENTRATION IN MILD DISABILITIES
CONCENTRATION IN SEVERE DISABILITIES

SECONDARY EDUCATION AND SPECIAL EDUCATION
CONCENTRATION IN ENGLISH EDUCATION
CONCENTRATION IN MATHEMATICS EDUCATION
CONCENTRATION IN SCIENCE EDUCATION
CONCENTRATION IN SOCIAL STUDIES EDUCATION
CONCENTRATION IN WORLD/FOREIGN LANGUAGES EDUCATION

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237 Established by Board action on March 11, 2015 (single concentrations only). First enroll Fall 2015.
238 Established by Board action on October 11, 2011. Effective Fall 2011.
240 Established by Board action on May 10, 2016. First enroll Fall 2016.
241 Terminated by Board action (concentration only) on May 10, 2016. Last enroll Spring 2016, last graduate spring 2021.
242 Established by Board action on December 8, 2015. First enroll Summer 2016.
243 Not currently admitting students. Effective Fall 2013.
244 Established by Board action on October 11, 2011. Effective Fall 2011.
245 Established by Board action on May 12, 2015. First enroll Fall 2015.
246 Terminated (renamed) by Board action on May 12, 2015. Last enroll Spring 2015.
247 Established by Board action on June 17, 2010. First enroll Fall 2011.
TEACHER LEADERSHIP
TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES
URBAN EDUCATION
URBAN SCHOOL LEADERSHIP
OPTIONAL CONCENTRATION IN PRINCIPAL LEADERSHIP
CURRICULUM, INSTRUCTION & TECHNOLOGY IN EDUCATION (CITE)
CONCENTRATION IN ACCOMPLISHED TEACHING
CONCENTRATION IN APPLIED BEHAVIORAL ANALYSIS
CONCENTRATION IN CAREER AND TECHNICAL EDUCATION
CERTIFICATE IN BUSINESS EDUCATION
CERTIFICATE IN INDUSTRIAL EDUCATION
CERTIFICATE IN MARKETING EDUCATION
CONCENTRATION IN EARLY CHILDHOOD EDUCATION (terminated)
CONCENTRATION IN ELEMENTARY EDUCATION (terminated)
CONCENTRATION IN ENGLISH EDUCATION (terminated)
CONCENTRATION IN READING (terminated)
CONCENTRATION IN SECOND AND FOREIGN LANGUAGE EDUCATION (terminated)
CONCENTRATION IN MATHEMATICS EDUCATION (terminated)
CONCENTRATION IN SCIENCE EDUCATION (terminated)
CONCENTRATION IN SPECIAL EDUCATION (terminated)
(CALLED INCLUSIVE SCHOOL PRACTICE)
CONCENTRATION IN TEACHING ENGLISH AS A SECOND LANGUAGE (TESOL)

POST-MASTER'S LEVEL

SCHOOL PSYCHOLOGY

DOCTORAL LEVEL

PROGRAM
CURRICULUM, INSTRUCTION & TECHNOLOGY IN EDUCATION (CITE)
CONCENTRATION IN LANGUAGE ARTS
CONCENTRATION MATH AND SCIENCE EDUCATION

249 Established by Board action on March 15, 2016. First enroll Fall 2016.
250 Established by Board action on May 12, 2015. First enroll Fall 2015.
251 Established by Board action on December 19, 2017. First enroll Summer I 2018.
252 Established by Board action on May 10, 2016. First enroll Fall 2016.
262 Terminated (renamed degree) by Board action on March 5, 2013. Last admit Spring 2013. Last graduate Spring 2016.
264 Terminated by Board action on March 12, 2012. Last admit Fall 2012, last graduate Spring 2018.
EDUCATION
  CONCENTRATION IN ADULT & ORGANIZATIONAL DEVELOPMENT (Terminated) 265
  CONCENTRATION IN APPLIED LINGUISTICS
  CONCENTRATION IN EDUCATIONAL PSYCHOLOGY
  CONCENTRATION IN LITERACY AND LEARNERS
  CONCENTRATION IN SCIENCE, MATHEMATICS, AND EDUCATIONAL TECHNOLOGY 266
  CONCENTRATION IN SPECIAL EDUCATION
  CONCENTRATION IN URBAN EDUCATION (Terminated) 267
EDUCATIONAL ADMINISTRATION

EDUCATIONAL LEADERSHIP
  CONCENTRATION IN K-12 (Terminated) 270
  CONCENTRATION IN HIGHER EDUCATION (Terminated)
COUNSELING PSYCHOLOGY
EDUCATIONAL PSYCHOLOGY
HIGHER EDUCATION
POLICY AND ORGANIZATIONAL STUDIES
  CONCENTRATION IN ADULT AND ORGANIZATIONAL DEVELOPMENT
  CONCENTRATION IN HIGHER EDUCATION
  CONCENTRATION IN URBAN EDUCATION
SCHOOL PSYCHOLOGY
URBAN EDUCATION
KINESIOLOGY

CERTIFICATE OR DIPLOMA

PROGRAM
  APPLIED BEHAVIOR ANALYSIS
  AUTISM ENDORSEMENT
  COLLEGE ACCESS AND SUCCESS

DEGREE
  Certificate 277 (graduate)
  Certificate 278 (graduate)
  Certificate 279 (graduate)

---

265 Terminated by Board action on October 10, 2017. No students in concentration. Last enroll Fall 2017.
266 Renamed from Concentration in Mathematics and Science in Education to Concentration in Science, Mathematics, and Educational Technology. Effective Fall 2018.
267 Terminated by Board action on October 10, 2017. Last admit Spring 2018, last graduate Spring 2023.
268 Established by Board action on March 12, 2012. First enroll Fall 2012.
269 Terminated (renamed degree) by Board action on March 12, 2012. Last admit spring 2012, last graduate Spring 2018.
270 Terminated (concentrations only) by Board action on October 12, 2016. Last enroll spring 2017, last graduate spring 2022.
272 Terminated by Board action on March 12, 2012. Last admit Fall 2012, last graduate Spring 2018.
273 Established by Board action on October 12, 2016. First enroll Fall 2017.
274 Established (degree and concentrations) by Board action on October 10, 2017. First enroll Spring 2018.
275 Terminated by Board action on March 12, 2012. Last admit Fall 2012, last graduate Spring 2018.
276 Transferred to the College of Health Professions by Board action on May 10, 2005. Last graduate from the College of Education August 2005.
277 Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.
278 Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.
279 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Summer 2016.
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<th>(undergraduate)</th>
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<tr>
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<td>Certificate 281</td>
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<tr>
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<td>Certificate 289</td>
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<tr>
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<tr>
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<td>Certificate 301</td>
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<tr>
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<td>Certificate 303</td>
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<td>Certificate 310</td>
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- Certificate 280 Established by Presidential action; reported to the Board on May 13, 2014. First enroll Fall 2014.
- Certificate 281 Established by Presidential action; reported to the Board on June 19, 2008. First enroll Fall 2008.
- Certificate 282 Established by Presidential action; reported to the Board on October 12, 2016. First enroll Fall 2016.
- Certificate 283 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
- Certificate 284 Established by Presidential action; reported to the Board on March 11, 2015. First enroll Fall 2015.
- Certificate 285 Established by Presidential action; reported to the Board on March 11, 2015. First enroll Fall 2015.
- Certificate 286 Established by Presidential action; reported to the Board on March 15, 2015. First enroll Fall 2016.
- Certificate 287 Established by Presidential action; reported to the Board on March 9, 2004.
- Certificate 289 Established by Presidential action on May 1, 2011.
- Certificate 290 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
- Certificate 293 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Summer 2016.
- Certificate 294 Established by Presidential action; reported to the Board on October 9, 2012. First enroll Fall 2012.
- Certificate 295 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.
- Certificate 296 Terminated (renamed) by Presidential action; reported to the Board on May 12, 2015.
- Certificate 297 Established by Presidential action; reported to the Board on June 20, 2013. First enroll Fall 2013.
- Certificate 298 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
- Certificate 299 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
- Certificate 300 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
SOCIAL STUDIES EDUCATION/7-12 Certificate\textsuperscript{301} (graduate)  
STUDENT AFFAIRS LEADERSHIP Certificate\textsuperscript{302} (graduate)  
TEACHING IN HIGHER EDUCATION Certificate\textsuperscript{303} (graduate)  
TRAINING AND ORGANIZATIONAL DEVELOPMENT Certificate\textsuperscript{304} (graduate)  
URBAN EDUCATION Certificate\textsuperscript{305} (graduate)  
WORLD/FOREIGN LANGUAGES EDUCATION/K-12 Certificate\textsuperscript{306} (graduate)

\textsuperscript{301} Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.  
\textsuperscript{302} Established by Presidential action; reported to the Board on December 8, 2015. First enroll Summer 2016.  
\textsuperscript{303} Established by Presidential action; reported to the Board on June 18, 2009. First enroll Spring 2010.  
\textsuperscript{304} Established by Presidential action; reported to the Board on July 17, 2014. First enroll Fall 2014.  
\textsuperscript{305} Established by Presidential action, reported to the Board on May 12, 2015. First enroll Fall 2015.  
\textsuperscript{306} Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
## ENGINEERING, COLLEGE OF

### BACHELOR’S LEVEL

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<tr>
<th>PROGRAM (Degree and Minors)</th>
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<td>Bachelor of Science in Engineering Technology</td>
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<td>GENERAL TECHNOLOGY TRACK</td>
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<td>COMPUTER TECHNOLOGY TRACK318</td>
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<td>MECHANICAL/MANUFACTURING TECHNOLOGY TRACK319</td>
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<tr>
<td>MECHATRONICS TECHNOLOGY TRACK320</td>
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<td>ENERGY TECHNOLOGY TRACK321</td>
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<td>ENVIRONMENTAL ENGINEERING TECHNOLOGY</td>
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<tr>
<td>CIVIL ENGINEERING</td>
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<tr>
<td>OPTIONAL COOPERATIVE EDUCATION PROGRAM325</td>
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</table>

309 Established by Board action on March 5, 2013. First enroll Fall 2013.
312 Established by Board action on December 9, 2008. First enroll Fall 2009.
314 Renamed by Board action on December 19, 2017 from Bachelor of Science in Engineering Technology to Bachelor of Science in Construction Engineering Technology. Effective Fall 2018.
316 Established by Board action on December 14, 2004.
317 Established by Board action on December 14, 2004.
318 Established by Board action on December 14, 2004.
319 Established by Board action on December 14, 2004.
320 Established by Board action on December 14, 2004. (Note: This track only offered at Lehigh Carbon Community College.)
321 Established by Board action on December 14, 2004.
322 Established by Board action on October 11, 2005. First enroll Fall 2006.
323 Established by Board action on March 11, 2015. First enroll Fall 2015.
325 Established by Board action on October 11, 2005. First enroll Fall 2006.
OPTIONAL CONCENTRATION IN ENVIRONMENTAL ENGINEERING 326

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  OPTIONAL CONCENTRATION IN BIOELECTRICAL ENGINEERING 327
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MASTER'S LEVEL

PROGRAM

ENGINEERING MANAGEMENT

ENGINEERING TECHNOLOGY MANAGEMENT
  CONCENTRATION IN ELECTRICAL ENGINEERING TECHNOLOGY MANAGEMENT
  CONCENTRATION IN MECHANICAL ENGINEERING TECHNOLOGY MANAGEMENT
  CONCENTRATION IN CIVIL ENGINEERING TECHNOLOGY MANAGEMENT

BIOENGINEERING

CIVIL ENGINEERING

ELECTRICAL ENGINEERING

ENVIRONMENTAL ENGINEERING

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Bachelor of Science in Industrial and Systems Engineering 330

Bachelor of Science in Mechanical Engineering

DEGREE

Master of Science 338

Master of Engineering Technology Management 339

Master of Science in Bioengineering

Master of Science in Civil Engineering 340

Master of Science in Electrical Engineering 341

Master of Science in Environmental Engineering 342
MECHANICAL ENGINEERING
Master of Science in Mechanical Engineering

CIVIL ENGINEERING
Master of Science in Engineering (Terminated)

ELECTRICAL ENGINEERING
Master of Science in Engineering (Terminated)

MECHANICAL ENGINEERING
Master of Science in Engineering (Terminated)

COMPUTER AND SYSTEMS SECURITY
Professional Science Masters

DOCTORAL LEVEL
PROGRAM
BIOENGINEERING
CIVIL ENGINEERING
ELECTRICAL ENGINEERING
ENGINEERING
ENVIRONMENTAL ENGINEERING
MECHANICAL ENGINEERING

DEGREE
Doctor of Philosophy
Doctor of Philosophy
Doctor of Philosophy
Doctor of Philosophy

CERTIFICATE
PROGRAM
COMPUTER AND SYSTEMS SECURITY
ENGINEERING MANAGEMENT
STORMWATER MANAGEMENT

DEGREE
Certificate (graduate)
Certificate (graduate)
Certificate (graduate)

343 Established by Board action on May 12, 2009. First enroll Fall 2009
344 Terminated by Board action on May 12, 2009. Last admit Spring 2009, last graduate Spring 2014
345 Terminated by Board action on May 12, 2009. Last admit Spring 2009, last graduate Spring 2014
346 Terminated by Board action on May 12, 2009. Last admit Spring 2009, last graduate Spring 2014
348 Established by Board action on May 12, 2015. First enroll Fall 2015.
349 Established by Board action on May 12, 2015. First enroll Fall 2015.
350 Established by Board action on May 12, 2015. First enroll Fall 2015.
351 Terminated by Board action on October 9, 2018. Last admit Fall 2018, last graduate Spring 2026.
352 Established by Board action on May 12, 2015. First enroll Fall 2015.
353 Established by Board action on May 12, 2015. First enroll Fall 2015.
354 Established by Presidential action on October 12, 2016. First enroll Fall 2017.
LAW, BEASLEY SCHOOL OF

MASTER’S LEVEL

PROGRAM

AMERICAN/INTERNATIONAL LAW – CHINA
AMERICAN/INTERNATIONAL LAW
ASIAN LAW
GRADUATE TAX
LAW (International Students)
LEGAL EDUCATION
TRIAL ADVOCACY
TAXATION

DEGREE

Master of Laws
Master of Laws
Master of Laws
Master of Laws (Taxation)
Master of Laws
Master of Laws
Master of Laws in Trial Advocacy
Master of Science

GRADUATE LEVEL

PROGRAM

LAW

PROFESSIONAL LEVEL

PROGRAM

LAW

DEGREE

Doctor of Juridical Science

CERTIFICATE OR DIPLOMA

PROGRAM

AMERICAN LEGAL STUDIES (Temple University Japan)
BUSINESS LAW
EMPLOYEE BENEFITS LAW
ESTATE PLANNING
INTERNATIONAL LAW (Temple University Japan)
TRIAL ADVOCACY AND LITIGATION

DEGREE

Certificate (graduate)
Certificate (graduate)
Certificate (graduate)
Certificate (graduate)
Certificate (graduate)

357 Established by Board action on May 14, 2013. First enroll Fall 2013.
358 Established by Board action on October 11, 2011. Effective Fall 2011.
359 Established by Board action on May 12, 2015. First enroll Fall 2015.
361 Established by Presidential action on October 11, 2011. Effective Fall 2011.
363 Established by Presidential action on October 11, 2011. Effective Fall 2011.
364 Established by Presidential action on October 11, 2011. Effective Fall 2011.
365 Established by Presidential action on October 11, 2011. Effective Fall 2011.
366 Established by Presidential action on October 11, 2011. First enroll Fall 2011.
LIBERAL ARTS, COLLEGE OF

ASSOCIATE LEVEL

PROGRAM

GENERAL PROGRAM

DEGREE

Associate in Arts (Active in Japan)

BACHELOR’S LEVEL

PROGRAM (Degree and Minors)

AFRICOLOGY AND AFRICAN-AMERICAN STUDIES
AMERICAN CULTURE & MEDIA ARTS
AMERICAN STUDIES
ANTHROPOLOGY
  CONCENTRATION IN HUMAN BIOLOGY
ASIAN STUDIES
GREEK & ROMAN CLASSICS
CHINESE
CLASSICS
  CONCENTRATION: CLASSICAL LANGUAGES AND LITERATURE
  CONCENTRATION: CLASSICAL CIVILIZATIONS
CRIMINAL JUSTICE
ECONOMICS
ENGLISH
  OPTIONAL CONCENTRATION: CREATIVE WRITING
ENVIRONMENTAL STUDIES
FRENCH
GENERAL PROGRAM
GEOGRAPHY/URBAN STUDIES
GERMAN LANGUAGE AND CULTURAL STUDIES
GLOBAL STUDIES
  CONCENTRATION IN GLOBAL SECURITY
  CONCENTRATION IN GLOBAL ECONOMY
  CONCENTRATION IN GLOBAL CULTURES

DEGREE

Bachelor of Arts, Minor
Bachelor of Arts (Terminated)
Bachelor of Arts, Minor
Bachelor of Arts, Minor
Bachelor of Arts, Minor
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Bachelor of Arts, Minor
Bachelor of Arts 372, Minor
Bachelor of Arts 373
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Bachelor of Arts, Minor
Bachelor of Arts, Minor
Bachelor of Arts (Active in Japan)
Bachelor of Arts, Minor
Bachelor of Arts, Minor
Bachelor of Arts 376, Minor

367 Renamed from Bachelor of Arts in African American Studies to Bachelor of Arts in Africology and African American Studies. Effective Fall 2016.
368 Terminated by Board action on December 12, 2006. Last enroll Spring 2007, last graduate Spring 2012.
369 Established by Board action on May 10, 2011. First enroll Fall 2011.
370 Established by Board action (Minor in Anthropology: Human Biology) on December 13, 2016. First enroll Fall 2017.
373 Established by Board action on October 9, 2007. First enroll Fall 2008.
374 Established by Board action on June 21, 2012, First enroll Fall 2012.
375 Renamed German Language and Cultural Studies from German by Board action on May 1, 2018. Effective Fall 2018.
376 Established by Board action on July 17, 2014. First enroll Fall 2014.

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Revised 10092018
HEBREW
HISTORY
INTERDISCIPLINARY/LIBERAL ARTS
INTERDISCIPLINARY GERMAN STUDIES
INTERNATIONAL AFFAIRS
ITALIAN
JAPANESE
JEWISH STUDIES
LATIN AMERICAN STUDIES
LIBERAL STUDIES
MATHEMATICAL ECONOMICS
ORGANIZATIONAL STUDIES
PHILOSOPHY
POLITICAL SCIENCE
PSYCHOLOGY
PSYCHOLOGICAL STUDIES
RELIGION
RUSSIAN
SOCIIOLOGY
SPANISH
GENDER, SEXUALITY AND WOMEN’S STUDIES
ENVIRONMENTAL STUDIES
INTERNATIONAL BUSINESS STUDIES
NEUROSCIENCE: SYSTEMS, BEHAVIOR AND PLASTICITY

MINOR ONLY

ANTHROPOLOGY: HUMAN BIOLOGY
ANCIENT MEDITERRANEAN STUDIES

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ANTHROPOLOGY: HUMAN BIOLOGY
ANCIENT MEDITERRANEAN STUDIES

378 Established by Board action on May 1, 2018. First enroll Fall 2018.
380 Established by Board action on June 17, 2010. First enroll Fall 2010
381 Program placed in abeyance effective Spring 2019.
382 Established by Board action on March 11, 2015. First enroll Fall 2015.
386 Renamed from Bachelor of Arts in Women’s Studies to Bachelor of Arts in Gender, Sexuality and Women’s Studies. Effective Fall 2016.
388 Transferred to the College of Liberal Arts by Board action on May 8, 2012. Effective fall 2012
389 Established by Board action on May 13, 2008. First enroll Fall 2008
390 Established by Board action on December 13, 2016. First enroll Fall 2017
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<thead>
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<tbody>
<tr>
<td>ARABIC</td>
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<td>CLASSICAL LANGUAGES AND LITERATURE</td>
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<td>CLINICAL AND HEALTH PSYCHOLOGY</td>
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<td>VISUAL ANTHROPOLOGY</td>
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<td>OPTIONAL CONCENTRATION IN ECONOMETRICS 396</td>
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<tr>
<td>OPTIONAL CONCENTRATION IN INTERNATIONAL ECONOMICS</td>
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<td>OPTIONAL CONCENTRATION IN LABOR</td>
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<td>OPTIONAL CONCENTRATION IN QUANTITATIVE MACROECONOMICS</td>
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<td>HISTORY</td>
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<td>OPTIONAL CONCENTRATION IN PUBLIC HISTORY 401</td>
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<td>ENGLISH/CREATIVE WRITING</td>
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<td>GEOGRAPHY</td>
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<td>GEOGRAPHY AND URBAN STUDIES</td>
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<tr>
<td>HISTORY</td>
</tr>
<tr>
<td>OPTIONAL CONCENTRATION IN PUBLIC HISTORY 401</td>
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392 Established by Board action on June 17, 2010. First enroll Fall 2010.
393 Established by Board action on October 11, 2005. First enroll Fall 2006.
394 Terminated by Board action on March 1, 2011. Effective Spring 2011. There are no currently enrolled students.
395 Established by Board action on October 13, 2015. First enroll Fall 2015.
396 Established by Board action (optional concentrations only) on October 13, 2015. First enroll Fall 2015.
397 Transferred by Board action from the Fox School of Business and Management to College of Liberal Arts. Effective spring 2009 all graduate students to be admitted to CLA.
398 Terminated (Master of Arts in Creative Writing) by Board action on June 17, 2010. Last enroll Spring 2010. Last graduate Spring 2013.
400 Established by Board action on June 19, 2008. First enroll Fall 2009.
401 Established by Board action on June 18, 2008. First enroll Fall 2009.
DOCTORAL LEVEL

PROGRAM

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DECISION NEUROSCIENCE
ECONOMICS
ENGLISH

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402 Established by Board action on May 10, 2016. First enroll Fall 2016.
403 Established by Board action on December 8, 2015. First enroll Fall 2016.
409 Established by Board action on May 12, 2015. First enroll Fall 2016.
412 Established by Board action on March 11, 2015. First enroll Fall 2015.
413 Renamed from Doctor of Philosophy in African American Studies to Doctor of Philosophy in Africology and African American Studies. Effective Fall 2016.
414 Terminated (optional concentration only) by Board action on March 1, 2008. Effective Spring 2011. No students enrolled.
415 Established by Board action on October 13, 2015. First enroll Fall 2015.
416 Transferred by Board action from the Fox School of Business and Management to College of Liberal Arts. Effective spring 2009 all graduate students to be admitted to CLA.
GEOGRAPHY AND URBAN STUDIES
HISTORY
PHILOSOPHY
POLITICAL SCIENCE
  OPTIONAL CONCENTRATION IN URBAN STUDIES (Terminated)\textsuperscript{418}
PSYCHOLOGY
PSYCHOLOGY/CLINICAL
PSYCHOLOGY/COGNITIVE
PSYCHOLOGY/DEVELOPMENTAL
PSYCHOLOGY/EXPERIMENTAL
PSYCHOLOGY/NEUROSCIENCE
PSYCHOLOGY/SOCIAL
RELIGION
SOCIOLOGY
  OPTIONAL CONCENTRATION IN URBAN STUDIES (Terminated)\textsuperscript{425}
SPANISH
URBAN STUDIES

\textbf{CERTIFICATE}

\textbf{PROGRAM}
ARABIC
CRIME SCIENCE
ETHICS

\textbf{DEGREE}
Certificate\textsuperscript{428} (undergraduate)
Certificate\textsuperscript{429} (graduate)
Certificate\textsuperscript{430}

\textsuperscript{417} Established by Board action on May 14, 2013.  First enroll Fall 2013.
\textsuperscript{418} Terminated (optional concentration only) by Board action on March 1, 2008. Effective Spring 2011. No students enrolled.
\textsuperscript{419} Established by Board action on June 19, 2003.  First enroll Fall 2004.
\textsuperscript{422} Terminated by Board action on June 19, 2003.  Last admit Spring 2003.
\textsuperscript{423} Terminated by Board action on June 19, 2003.  Last admit Spring 2003
\textsuperscript{424} Terminated by Board action on June 19, 2003.  Last admit Spring 2003
\textsuperscript{425} Terminated (optional concentration only) by Board action on March 1, 2008. Effective Spring 2011. No students enrolled.
\textsuperscript{426} Established by Board action on June 19, 2008. First admit Fall 2009.
\textsuperscript{427} Terminated by Board action on May 14, 2013. Last admit Spring 2013, last graduate Spring 2018.
\textsuperscript{428} Established by Presidential action on May 8, 2007. First enroll Fall 2007.
\textsuperscript{429} Established by Presidential action on May 10, 2016. First enroll Fall 2016.
\textsuperscript{430} Established by Presidential action on December 8, 2015. First enroll Fall 2016.
GENDER, SEXUALITY AND WOMEN’S STUDIES

GEOGRAPHIC INFORMATION SYSTEMS

ITALIAN

JEWISH SECULAR STUDIES

LANGUAGE AND CROSS-CULTURAL COMMUNICATION

NEUROSCIENCE

POLICE LEADERSHIP

SOCIAL SCIENCE RESEARCH

SPANISH FOR HEALTH PROFESSIONS

SPORT AND SOCIETY

Certificate

431 Renamed from Certificate in Women’s Studies to Certificate in Gender, Sexuality and Women’s Studies. Effective Fall 2016.


433 Established by Presidential action; reported to the Board on March 11, 2015. First enroll Fall 2015.

434 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.

435 Established by Presidential action on October 11, 2005. First enroll Fall 2006.

436 Established by Presidential action; reported to the Board on March 2, 2010. First enroll Fall 2010.


440 Established by Presidential action on October 9, 2018. First enroll Spring 2019.

441 Established by Presidential action on March 12, 2018. First enroll Fall 2018.
MEDIA AND COMMUNICATION, LEW KLEIN COLLEGE OF  
(formerly School of Media and Communication)  
(formerly School of Communications and Theater)

**BACHELOR’S LEVEL**

<table>
<thead>
<tr>
<th>PROGRAM (Degree and Minors)</th>
<th>DEGREE</th>
</tr>
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<tbody>
<tr>
<td>ADVERTISING</td>
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<tr>
<td>CONCENTRATION IN ACCOUNT MANAGEMENT</td>
<td>Bachelor of Arts</td>
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<tr>
<td>CONCENTRATION IN ART DIRECTION</td>
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<td>CONCENTRATION IN COPYWRITING</td>
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</tr>
<tr>
<td>CONCENTRATION IN MEDIA PLANNING</td>
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<tr>
<td>CONCENTRATION IN BRAND STRATEGY AND RESEARCH</td>
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<tr>
<td>OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION</td>
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<tr>
<td>AMERICAN CULTURE &amp; MEDIA ARTS</td>
<td>Bachelor of Arts (Terminated)</td>
</tr>
<tr>
<td>BROADCASTING, TELECOMMUNICATIONS &amp; MASS MEDIA</td>
<td>Bachelor of Arts (Renamed)</td>
</tr>
<tr>
<td>TRACK IN MEDIA PRODUCTION</td>
<td></td>
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<tr>
<td>TRACK IN MEDIA BUSINESS AND ENTREPRENEURSHIP</td>
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</tr>
<tr>
<td>TRACK IN MEDIA ANALYSIS</td>
<td></td>
</tr>
<tr>
<td>TRACK IN EMERGENT MEDIA</td>
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<tr>
<td>COMMUNICATIONS</td>
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<tr>
<td>COMMUNICATION AND SOCIAL INFLUENCE</td>
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<tr>
<td>COMMUNICATION STUDIES</td>
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<tr>
<td>TRACK IN POLICY, REGULATION AND ADVOCACY</td>
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<tr>
<td>TRACK IN CONTEMPORARY MEDIA ENVIRONMENTS</td>
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<tr>
<td>TRACK IN GLOBAL CIVIL SOCIETY</td>
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<tr>
<td>TRACK IN COMMUNICATION STUDIES THESIS</td>
<td></td>
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<tr>
<td>TRACK IN COMMUNICATION AND ENTREPRENEURSHIP</td>
<td></td>
</tr>
<tr>
<td>TRACK IN ARTS IN THE PUBLIC SPHERE (terminated)</td>
<td></td>
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<tr>
<td>OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION</td>
<td></td>
</tr>
<tr>
<td>FILM AND MEDIA ARTS</td>
<td>Bachelor of Arts (Transferred)</td>
</tr>
</tbody>
</table>

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442 Renamed Lew Klein College of Media and Communication by Board action on March 14, 2017. See policy 01.20.03.
443 Renamed School of Media and Communication by Board action on June 21, 2012. See policy 01.20.03.
444 Established by Board action (concentrations only) on May 12, 2015. First enroll Fall 2015.
445 Renamed from Concentration in Research and Strategy to the Concentration in Brand Strategy and Research on March 14, 2017. First enroll Fall 2017
446 Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
448 Terminated by Board action on December 12, 2006. Last enroll Spring 2007, last graduate Spring 2012.
449 Established (tracks only) by Board action on June 17, 2010. Tracks to be offered beginning Fall 2011.
450 Terminated (Renamed degree) by Board action on June 21, 2012. Last admit Fall 2012, last graduate Spring 2012.
452 Established by Board action on March 14, 2017. First enroll Fall 2017.
453 Established by Board action (concentration only) on July 17, 2014. First enroll Fall 2014.
454 Terminated by Board action (concentration only) on July 17, 2014. Last enroll Spring 2014, last graduate Spring 2019.
455 Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
456 Established by Board action on June 17, 2010. First enroll Fall 2011.
457 Transferred to the Center for the Arts by Board action on June 21, 2012, Last graduate from the School of Communications and Theater August 2012.
JOURNALISM
  OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION

JOURNALISM, PUBLIC RELATIONS AND ADVERTISING
  Bachelor of Arts

MEDIA STUDIES AND PRODUCTION
  TRACK IN MEDIA PRODUCTION
  TRACK IN MEDIA BUSINESS AND ENTREPRENEURSHIP
  TRACK IN MEDIA ANALYSIS
  TRACK IN EMERGENT MEDIA (Terminated)
  OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION

PUBLIC RELATIONS

SPEECH COMMUNICATIONS

STRATEGIC COMMUNICATION
  OPTIONAL CONCENTRATION: PUBLIC COMMUNICATIONS (terminated-renamed)
  OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION (Terminated)
  OPTIONAL CONCENTRATION: ORGANIZATIONAL LEADERSHIP (Terminated)
  OPTIONAL CONCENTRATION: PUBLIC RELATIONS (Terminated)
  OPTIONAL CONCENTRATION: RHETORIC AND PUBLIC ADVOCACY (Terminated)

STRATEGIC AND ORGANIZATIONAL COMMUNICATIONS
  CONCENTRATION: PUBLIC COMMUNICATIONS
  CONCENTRATION: ORGANIZATIONAL LEADERSHIP
  CONCENTRATION: PUBLIC RELATIONS

THEATER
  Bachelor of Arts (Transferred)

---

458 Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
461 Terminated (tracks only) by Board action on June 17, 2010. Tracks to be offered beginning Fall 2011.
462 Terminated by Board action (track only) on May 1, 2018. Last admit Spring 2018, last graduate Spring 2022.
463 Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
467 Terminated (Renamed-concentration only) by Board action on June 21, 2012. Last admit Spring 2012, last graduate Spring 2012.
468 Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
469 Terminated by Board action on May 2, 2017. Last admit Fall 2017.
470 Terminated by Board action on May 2, 2017. Last admit Fall 2017.
471 Terminated by Board action on May 2, 2017. Last admit Fall 2017.
473 Terminated by Board action on May 2, 2017. Last admit Fall 2017.
474 Established by Board action on June 23, 2011. First enroll Fall 2011.
475 Terminated by Board action on May 2, 2017. Last admit Fall 2017, last graduate Spring 2023.
478 Transferred to the Center for the Arts by Board action on June 23, 2012. Last graduate from the School of Communications and Theater August 2012.
OPTIONAL CONCENTRATION: ACTING
OPTIONAL CONCENTRATION: DESIGN
OPTIONAL CONCENTRATION: DIRECTING
OPTIONAL CONCENTRATION: MUSICAL THEATER
OPTIONAL CONCENTRATION: THEATER EDUCATION

MINOR ONLY

CONTENT CREATION Minor
DIGITAL MEDIA ENGAGEMENT Minor
DIGITAL MEDIA TECHNOLOGIES Minor
JOURNALISM STUDIES Minor
INTERNATIONAL COMMUNICATION Minor
LEADERSHIP Minor
PUBLIC RELATIONS Minor

MASTER’S LEVEL

PROGRAM

BROADCASTING, TELECOMMUNICATIONS & MASS MEDIA Master of Arts
COMMUNICATION MANAGEMENT
CONCENTRATION: MEDIA MANAGEMENT, Master of Science
GOVERNMENT AND SOCIAL POLICY
CONCENTRATION: STRATEGIC AND CORPORATE Master of Science
COMMUNICATION MANAGEMENT (Terminated Concentrations) Master of Science
CONCENTRATION: STRATEGIC COMMUNICATION AND CROSS- Master of Science
CULTURAL LEADERSHIP
CONCENTRATION: CONFLICT MANAGEMENT AND DISPUTE Master of Science
RESOLUTION
GLOBALIZATION AND DEVELOPMENT COMMUNICATION
FILM AND MEDIA ARTS
THEATER/ACTING
MEDIA STUDIES AND PRODUCTION

478 Established by Board action (four optional concentrations) on March 11, 2008. First enroll Fall 2008.
479 Established by Board action on May 12, 2009. First enroll Fall 2009.
482 Established by Board action on March 14, 2017. First enroll Fall 2017.
485 Terminated (Renamed degree) by Board action on June 21, 2012. Last admit Fall 2012, last graduate Spring 2012.
486 Terminated (concentrations only) by Board action on March 1, 2011. Last admit Spring 2011, last graduate Spring 2016.
490 Established by Board action on June 20, 2013. First enroll Fall 2014.
491 Transferred to the Center for the Arts by Board action on June 21, 2012. Last graduate from the School of Communications and Theater August 2012.
492 Transferred to the Center for the Arts by Board action on June 21, 2012. Last graduate from the School of Communications and Theater August 2012.
493 Established by Board action (renamed degree) on June 21, 2012. First enroll Fall 2012.
THEATER/DESIGN  Master of Fine Arts (Transferred)\textsuperscript{494}
THEATER/DIRECTING  Master of Fine Arts (Transferred)\textsuperscript{495}
THEATER/PLAYWRITING  Master of Fine Arts Transferred\textsuperscript{496}
JOURNALISM  Master of Journalism

DOCTORAL LEVEL

PROGRAM

MASS MEDIA AND COMMUNICATION

DEGREE

Doctor of Philosophy \textsuperscript{497}(Terminated – renamed)
Doctor of Philosophy\textsuperscript{498}

CERTIFICATE

PROGRAM

CONFLICT MANAGEMENT AND DISPUTE RESOLUTION

DEGREE

Certificate (graduate)\textsuperscript{499}

STRATEGIC COMMUNICATION AND CROSS-CULTURAL LEADERSHIP

Certificate (graduate)\textsuperscript{500}

\textsuperscript{494} Transferred to the Center for the Arts by Board action on June 21, 2012. Last graduate from the School of Communications and Theater August 2012.
\textsuperscript{495} Transferred to the Center for the Arts by Board action on June 21, 2012. Last graduate from the School of Communications and Theater August 2012.
\textsuperscript{496} Transferred to the Center for the Arts by Board action on June 21, 2012. Last graduate from the School of Communications and Theater August 2012.
\textsuperscript{497} Terminated (renamed degree) by Board action on December 11, 2012. Last admit Spring 2013, last graduate Spring 2018.
\textsuperscript{498} Established by Board action on December 11, 2012. First enroll Fall 2013.
\textsuperscript{499} Established by Presidential action on March 14, 2017. First enroll Fall 2017.
\textsuperscript{500} Established by Board action on June 21, 2012. First enroll Fall 2012.
# MEDICINE, LEWIS KATZ SCHOOL OF

## MASTER’S LEVEL

**PROGRAM**

- Physician Assistant
- Biochemistry
- Biomedical Neuroscience
- Biomedical Sciences (non-thesis)

**BIOMEDICAL SCIENCES**

- **BIOMEDICAL SCIENCES (thesis)**
  - Concentration in Cancer Biology and Genetics
  - Concentration in Infectious Disease and Immunity
  - Concentration in Molecular and Cellular Biosciences
  - Concentration in Neuroscience
  - Concentration in Organ Systems and Translational Medicine

- Cell Biology
- Optional Certificate in Business

**DOCTORAL LEVEL**

**PROGRAM**

- Anatomy
- Biochemistry

**DEGREE**

- Master of Medical Science
- Master of Science (terminated)
- Master of Science (terminated)
- Master of Science
- Master of Science (terminated)
- Master of Science (terminated)
- Master of Science
- Master of Science (terminated)

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503 Established by Board action on December 13, 2005. First enroll Fall 2006.
504 Terminated by Board action on December 13, 2011. Last enroll Spring 2012, last graduate Spring 2015.
505 Established by Board action on December 13, 2011. First enroll Fall 2012.
506 Established by Board action on December 13, 2011. First enroll Fall 2012.
508 Terminated by Board action on December 13, 2011. Last enroll Spring 2012, last graduate Spring 2015.
511 Established by Board action on June 18, 2009. First enroll Fall 2009.
512 Terminated by Board action on December 13, 2011. Last enroll Spring 2012, last graduate Spring 2015.
513 Terminated by Board action on December 13, 2011. Last enroll Spring 2012, last graduate Spring 2015.

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Revised 10092018
BIOMEDICAL NEUROSCIENCE

BIOMEDICAL SCIENCES
  CONCENTRATION IN CANCER BIOLOGY AND GENETICS
  CONCENTRATION IN INFECTIOUS DISEASE AND IMMUNITY
  CONCENTRATION IN MOLECULAR AND CELLULAR BIOSCIENCES
  CONCENTRATION IN NEUROSCIENCE
  CONCENTRATION IN ORGAN SYSTEMS AND TRANSLATIONAL MEDICINE

CELL BIOLOGY

MEDICINE COMBINATION

MICROBIOLOGY/IMMUNOLOGY

MOLECULAR BIOLOGY/GENETICS

MOLECULAR AND CELLULAR PHYSIOLOGY

PATHOLOGY

PHARMACOLOGY

PHARMACOLOGY/NEUROSCIENCE

PHYSIOLOGY

PROFESSIONAL LEVEL

PROGRAM

MEDICINE

DEGREE

Doctor of Medicine

CERTIFICATE

PROGRAM

URBAN BIOETHICS

DEGREE

Certificate (graduate)

518 Established by Board action on December 13, 2005. First enroll Fall 2006.
520 Established by Board action on December 13, 2011. First enroll Fall 2012.
521 Established by Board action on May 12, 2009. First enroll Fall 2009.
525 Terminated by Board action on June 18, 2009. First enroll Fall 2009.
531 Established by Presidential action on June 2012. First enroll Fall 2012.
PERFORMING AND CINEMATIC ARTS, CENTER FOR THE

MUSIC AND DANCE, ESTHER BOYER COLLEGE OF

BACHELOR’S LEVEL

A CONCENTRATION IN THE FOLLOWING INSTRUMENTS IS COMBINED WITH MAJORS, IN JAZZ STUDIES/COMPOSITION, JAZZ STUDIES/PERFORMANCE, MUSIC EDUCATION, MUSIC EDUCATION/JAZZ, MUSIC HISTORY, MUSIC THERAPY, MUSIC THERAPY/JAZZ, PERFORMANCE, AND THEORY:

CLASSICAL GUITAR  TROMBONE  PERCUSSION  BASSOON
BRASS  TRUMPET  CLARINET  DOUBLE BASS
FLUTE  VOICE  FRENCH HORN  OBOE
PIANO  VIOLIN  SAXOPHONE  STRING
CELLO  VIOLA  WOODWINDS  TUBA
HARP  HISTORICAL KEYBOARD  EUPHONIUM
HARPSICHORD  HARPSICHORD
INSTRUMENTS

PROGRAM (Degree and Minors)

DANCE
TRACK IN DANCE EDUCATION
TRACK IN PERFORMANCE/CHOREOGRAPHY

MUSIC
COMPOSITION
JAZZ STUDIES/COMPOSITION
JAZZ STUDIES/PERFORMANCE
MUSIC EDUCATION
MUSIC EDUCATION/JAZZ
MUSIC HISTORY
MUSIC TECHNOLOGY
MUSIC THERAPY
MUSIC THERAPY/JAZZ
PERFORMANCE
PIANO PEDAGOGY
THEORY

DEGREE

Bachelor of Fine Arts, Minor
Bachelor of Science, Minor
Bachelor of Music
Bachelor of Music
Bachelor of Music
Bachelor of Music
Bachelor of Music
Bachelor of Science
Bachelor of Music
Bachelor of Music
Bachelor of Music
Bachelor of Music
Bachelor of Music
Bachelor of Music
Bachelor of Music

532 Established by Board action (two tracks) on May 11, 2010. First enroll Fall 2010.
533 Terminated by Board action (concentration only) on July 17, 2014. Last enroll Spring 2014, last graduate Spring 2019.
534 Terminated by Board action (concentration only) on July 17, 2014. Last enroll Spring 2014, last graduate Spring 2019.
**MASTER’S LEVEL**

A CONCENTRATION IN THE FOLLOWING INSTRUMENTS OR GROUPS OF INSTRUMENTS IS COMBINED WITH THE MAJOR IN PERFORMANCE:

<table>
<thead>
<tr>
<th>Classical Guitar</th>
<th>Trombone</th>
<th>Percussion</th>
<th>Basso</th>
<th>Bassoon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass</td>
<td>Trumpet</td>
<td>Clarinet</td>
<td>Double Basso</td>
<td></td>
</tr>
<tr>
<td>Flute</td>
<td>Voice</td>
<td>French Horn</td>
<td>Oboe</td>
<td></td>
</tr>
<tr>
<td>Piano</td>
<td>Violin</td>
<td>Saxophone</td>
<td>String</td>
<td></td>
</tr>
<tr>
<td>Cello</td>
<td>Viola</td>
<td>Woodwinds</td>
<td>Tuba</td>
<td></td>
</tr>
<tr>
<td>Harpsichord</td>
<td>Harp</td>
<td>Historical Keyboard Instruments</td>
<td>Euphonium</td>
<td></td>
</tr>
</tbody>
</table>

**PROGRAM**

- Dance
- Dance
- Dance
- Music
- Music Technology
- Choral Conducting
- Collaborative Piano and Chamber Music
- Collaborative Piano and Opera Coaching
- Composition
- Instrumental Conducting: Wind-Band Emphasis
- Jazz Studies
- Music Education
- Music History
- Music Theory
- Opera
- Performance
- Piano Accompanying/Opera Coaching
- Piano Accompanying & Chamber Music
- Piano Pedagogy
- String Pedagogy

**DEGREE**

- Master of Education (Terminated)
- Master of Arts
- Master of Fine Arts
- Master of Arts
- Master of Science
- Master of Science
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music
- Master of Music (Terminated)
- Master of Music (Terminated)

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538 Established by Board action on May 10, 2016. First enroll Fall 2016.
539 Established by Board action on May 10, 2016. First enroll Fall 2016.
540 Established by Board action on May 2, 2017. First enroll Fall 2017.
541 Established by Board action on October 8, 2013. First enroll Fall 2014.
542 Established by Board action on October 8, 2013. First enroll Fall 2014.
543 Established by Board action on October 8, 2013. First enroll Fall 2014.
544 Established by Board action on March 11, 2015. First enroll Fall 2015.
545 Terminated by Board action on October 8, 2013. Last enroll Spring 2014, last graduate spring 2019.
546 Terminated by Board action on October 8, 2013. Last enroll Spring 2014, last graduate spring 2019.
VOCAL ARTS
MUSIC THERAPY

DOCTORAL LEVEL

A CONCENTRATION IN THE FOLLOWING INSTRUMENTS OR GROUPS OF INSTRUMENTS IS COMBINED WITH THE MAJOR IN PERFORMANCE:

<table>
<thead>
<tr>
<th>CLASSICAL GUITAR</th>
<th>TROMBONE</th>
<th>PERCUSSION</th>
<th>BASSOON</th>
</tr>
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<tbody>
<tr>
<td>BRASS</td>
<td>TRUMPET</td>
<td>CLARINET</td>
<td>DOUBLE BASS</td>
</tr>
<tr>
<td>FLUTE</td>
<td>VOICE</td>
<td>FRENCH HORN</td>
<td>OBOE</td>
</tr>
<tr>
<td>PIANO</td>
<td>VIOLIN</td>
<td>SAXOPHONE</td>
<td>STRING</td>
</tr>
<tr>
<td>CELLO</td>
<td>VIOLA</td>
<td>WOODWINDS</td>
<td>TUBA</td>
</tr>
<tr>
<td>HARPSCICHORD</td>
<td>HARP</td>
<td>HISTORICAL KEYBOARD</td>
<td>EUPHONIUM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>INSTRUMENTS</td>
<td></td>
</tr>
</tbody>
</table>

PROGRAM

DANCE
COMPOSITION

PERFORMANCE
MUSIC

CONCENTRATION IN COMPOSITION
CONCENTRATION IN MUSICOLOGY
CONCENTRATION IN MUSIC STUDIES
CONCENTRATION IN MUSIC THEORY

MUSIC EDUCATION
MUSIC THERAPY

DEGREE

DOCTOR OF PHILOSOPHY

DOCTOR OF MUSICAL ARTS
(Terminated) 548

DOCTOR OF PHILOSOPHY 549

CERTIFICATE OR DIPLOMA

PROGRAM

PERFORMANCE
PROFESSIONAL STUDIES
CHAMBER MUSIC
CLASSICAL PIANO
CLASSICAL VOICE
DANCE
JAZZ ARRANGING

DEGREE

DIPLOMA (UNDERGRADUATE)

CERTIFICATE (GRADUATE)

CERTIFICATE (UNDERGRADUATE) 550

CERTIFICATE (UNDERGRADUATE) 551

CERTIFICATE (UNDERGRADUATE) 552

CERTIFICATE (UNDERGRADUATE) 553

CERTIFICATE (UNDERGRADUATE) 554

547 Established by Board action on May 10, 2016. First enroll Fall 2016.
549 Established by Board action on May 14, 2013. First enroll Fall 2014.

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Revised 10092018
JAZZ STUDIES COMPOSITION
JAZZ IMPROVISATION
JAZZ PIANO
JAZZ VOICE
MUSIC
MUSIC COMPOSITION
MUSIC HISTORY
MUSIC THEORY (JAZZ)
MUSIC THEORY (TRADITIONAL)
ORCHESTRAL MUSIC
PERFORMING ARTS
MUSIC TECHNOLOGY

Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)

THEATER, FILM AND MEDIA ARTS, SCHOOL OF

BACHELOR’S LEVEL

PROGRAM (Degree and Minors)                                      DEGREE

FILM AND MEDIA ARTS
  OPTIONAL CONCENTRATION IN DIRECTING
  OPTIONAL CONCENTRATION IN MEDIA ARTS
  OPTIONAL CONCENTRATION IN SCREENWRITING
  Bachelor of Fine Arts

FILM AND MEDIA ARTS
  OPTIONAL CONCENTRATION IN CINEMATOGRAPHY
  OPTIONAL CONCENTRATION IN POST PRODUCTION
  OPTIONAL CONCENTRATION IN PRODUCING
  OPTIONAL CONCENTRATION IN SCREEN STUDIES
  Bachelor of Arts

MUSICAL THEATER
  Bachelor of Fine Arts

THEATER
  OPTIONAL CONCENTRATION: ACTING
  OPTIONAL CONCENTRATION: DESIGN AND PRODUCTION
  OPTIONAL CONCENTRATION: DIRECTING
  OPTIONAL CONCENTRATION: MUSICAL THEATER
  OPTIONAL CONCENTRATION: THEATER EDUCATION
  Bachelor of Arts

(MINOR ONLY)

SCREEN STUDIES

Minor

MASTER’S LEVEL

PROGRAM                                      DEGREE

FILM AND MEDIA ARTS
  Master of Fine Arts

MEDIAXARTS: CINEMA FOR NEW TECHNOLOGIES AND
  ENVIRONMENTS
  Master of Arts

MUSICAL THEATER COLLABORATION
  Master of Fine Arts

MUSICAL THEATER STUDIES
  Master of Arts

THEATER/ACTING
  Master of Fine Arts

THEATER/DESIGN
  Master of Fine Arts

THEATER/DIRECTING
  Master of Fine Arts

THEATER/PLAYWRITING
  Master of Fine Arts

---

567 Established by Board action on October 14, 2014. First enroll Fall 2015.
568 Established by Board action (concentrations only) on October 14, 2014. First enroll Fall 2015.
569 Established by Board action on December 8, 2015. First enroll Fall 2016.
570 Established by Board action (four optional concentrations) on March 11, 2008. First enroll Fall 2008.
571 Renamed by Board action on May 10, 2016 from Concentration in Design to Concentration in Design and Production. Last enroll spring 2016, last graduate spring 2021.
572 Established by Board action on May 12, 2009. First enroll Fall 2009.
573 Terminated by Board action (concentration only) on May 12, 2015. Effective Spring 2015 (no students enrolled).
574 Established by Board action on May 12, 2015. First enroll Fall 2015.
575 Established by Board action on October 13, 2015. First enroll Fall 2016.
576 Established by Board action on October 13, 2015. First enroll Fall 2016.
DOCTORAL LEVEL

PROGRAM
DOCTORIAL ARTS AND VISUAL RESEARCH

DEGREE
Doctor of Philosophy

CERTIFICATE OR DIPLOMA

PROGRAM
ACTING
DOCUMENTARY ARTS AND ENTHOGRAPHIC RESEARCH
ENTERTAINMENT INDUSTRY STUDIES
FILM
MEDIA ARTS
SCREEN STUDIES
STAGE MANAGEMENT
THEATER AND COMMUNITY ENGAGEMENT
THEATER EDUCATION
VOICE AND SPEECH FOR THE ACTOR

DEGREE
Certificate (undergraduate)
Certificate (graduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)

578 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
579 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2013.
580 Established by Presidential action on May 1, 2018. First enroll Fall 2018.
581 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
582 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
583 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
584 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
585 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
586 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
587 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
PHARMACY, SCHOOL OF

MASTER’S LEVEL

PROGRAM

GLOBAL CLINICAL AND PHARMACOVIGILANCE REGULATIONS
PHARMACEUTICAL AND REGULATORY SCIENCES
PHARMACEUTICAL SCIENCES
  CONCENTRATION IN MEDICINAL CHEMISTRY
  CONCENTRATION IN PHARMACEUTICS
  CONCENTRATION IN PHARMACODYNAMICS
QUALITY ASSURANCE/REGULATORY AFFAIRS
REGULATORY AFFAIRS AND QUALITY ASSURANCE

DEGREE

Master of Science

DOCTORAL LEVEL

PROGRAM

PHARMACEUTICAL SCIENCES
  CONCENTRATION IN MEDICINAL CHEMISTRY
  CONCENTRATION IN PHARMACEUTICS
  CONCENTRATION IN PHARMACODYNAMICS
  CONCENTRATION IN REGULATORY AFFAIRS AND QUALITY ASSURANCE

DEGREE

Doctor of Philosophy

PROFESSIONAL LEVEL

PROGRAM

PHARMACY

DEGREE

Doctor of Pharmacy

CERTIFICATE OR DIPLOMA

PROGRAM

ADVANCED QUALITY ASSURANCE AND REGULATORY AFFAIRS
BASIC PHARMACEUTICAL DEVELOPMENT
BIOSIMILARS AND GENERIC DRUGS

DEGREE

Certificate (post-masters)
Certificate (graduate)
Certificate (graduate, post-masters)

588 Established by Board action on March 11, 2015. First enroll Fall 2015.
589 Established by Board action on March 11, 2015. First enroll Fall 2015.
590 Established by Board action on October 11, 2005. First enroll Fall 2006.
592 Established by Board action on March 11, 2015. First enroll Fall 2015.
593 Established Concentration in Regulatory Affairs and Quality Assurance by Board action on October 9, 2018. First enroll Spring 2019.
596 Renamed by Presidential action on October 12, 2016 from Biopharmaceuticals and Generic Drugs to Biosimilars and Generic Drugs.
597 Established by Presidential action on May 12, 2009. First enroll Fall 2009.
BIOPHARMACEUTICAL MANUFACTURING AND REGULATORY AFFAIRS
CLINICAL TRIAL MANAGEMENT

DRUG DEVELOPMENT

FOOD REGULATORY AFFAIRS AND QUALITY ASSURANCE

GLOBAL PHARMACOVIGILANCE / BENEFIT-RISK MANAGEMENT

GOOD MANUFACTURING PRACTICES FOR THE 21ST CENTURY

MEDICAL DEVICE

PHARMACEUTICAL LABELING, ADVERTISING AND PROMOTIONS

STERILE PROCESS MANUFACTURING

VALIDATION SCIENCES

PHARMACEUTICS

Certificate 598 (graduate, post-masters)
Certificate 599 (graduate, post-masters)
Certificate 600 (graduate)
Certificate 601 (graduate, post-masters)
Certificate 602 (graduate, post-masters)
Certificate 603 (graduate, post-masters)
Certificate 604 (graduate, post-masters)
Certificate 605 (graduate, post-masters)
Certificate 606 (graduate)
Certificate 607 (post-masters)
Certificate (graduate)

598 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
600 Established by Presidential action on December 9, 2008. First enroll Spring 2009.
603 Established by Presidential action on December 9, 2008. First enroll Spring 2009.
606 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
607 Established by Presidential action on October 9, 2018. First enroll Fall 2018.
PODIATRIC MEDICINE, SCHOOL OF

MASTER’S LEVEL

PROGRAM

PODIATRIC MEDICINE

DEGREE

Master of Science (Terminated)\textsuperscript{608}

PROFESSIONAL LEVEL

PROGRAM

PODIATRIC MEDICINE

DEGREE

Doctor of Podiatric Medicine

CERTIFICATE OR DIPLOMA

PROGRAM

CERTIFICATE OF FELLOWSHIP IN PODIATRIC MEDICINE AND SURGERY

DEGREE

Certificate\textsuperscript{609} (graduate)


\textsuperscript{609} Established by Presidential action; reported to the Board on March 9, 2004.
PUBLIC HEALTH, COLLEGE OF
(Formerly College of Health Professions and Social Work\textsuperscript{610}; formerly College of Health Professions)\textsuperscript{611}

BACHELOR’S LEVEL

PROGRAM (Degree and Minors)                  | DEGREE
---|---
ATHLETIC TRAINING                           | Bachelor of Science in Athletic Training\textsuperscript{612} (terminated)\textsuperscript{613}
COMMUNICATIONS SCIENCES                      | Bachelor of Arts (Terminated)\textsuperscript{614}
EXERCISE AND SPORT SCIENCE                   | Bachelor of Science\textsuperscript{615}
HEALTH INFORMATION MANAGEMENT                | Bachelor of Science\textsuperscript{616}
HEALTH PROFESSIONS                           | Bachelor of Science (Transferred)\textsuperscript{621}
KINESIOLOGY                                 | Bachelor of Arts (Terminated)\textsuperscript{622}
                           | Bachelor of Science, Minor
CONCENTRATION IN EXERCISE AND SPORT SCIENCE | Bachelor of Science in Nursing
CONCENTRATION IN PHYSICAL AND HEALTH         | Bachelor of Science
EDUCATION TEACHER EDUCATION (Terminated)     | Bachelor of Science (Terminated)\textsuperscript{624}
CONCENTRATION IN PRE-HEALTH PROFESSIONS       | Bachelor of Arts
_TERMINATED_                                |
LINGUISTICS                                  | Bachelor of Arts
PUBLIC HEALTH                                | Bachelor of Science
NURSING                                     | Bachelor of Science
RECREATIONAL THERAPY\textsuperscript{623}    | Bachelor of Science (Transferred)
SCHOOL HEALTH EDUCATION                      | Bachelor of Science
SPEECH, LANGUAGE & HEARING SCIENCE           | Bachelor of Arts

MINOR ONLY

COMMUNICATION SCIENCES AND DISORDERS         | Minor
NUTRITION                                   | Minor\textsuperscript{625}

\textsuperscript{610} Renamed College of Public Health by Board action on October 14, 2014. See policy 01.20.03.
\textsuperscript{611} Renamed College of Health Professions and Social Work by Board action on May 12, 2009. See policy 01.20.03.
\textsuperscript{612} Established by Board action on March 11, 2008. First enroll Fall 2008.
\textsuperscript{613} Terminated by Board action on May 12, 2015. Last enroll spring 2016, last graduate Spring 2020.
\textsuperscript{614} Terminated by Board action on March 10, 2009. Last enroll Fall 2008. No currently enrolled students.
\textsuperscript{615} Established by Board action on March 15, 2015. First enroll Fall 2016.
\textsuperscript{616} Established by Board action on March 14, 2017. First enroll Fall 2017.
\textsuperscript{617} Established by Board action (concentrations only) on March 5, 2013. First enroll Fall 2013.
\textsuperscript{618} Terminated by Board action (concentration only) on March 15, 2016. Last enroll Spring 2016, last graduate spring 2021.
\textsuperscript{619} Terminated by Board action (concentration only) on December 19, 2017. Last enroll Spring 2018, last graduate Spring 2023.
\textsuperscript{620} Terminated by Board action (concentration only) on March 14, 2017. Last enroll Spring 2017, last graduate spring 2022.
\textsuperscript{621} Transferred from the College of Education by Board action on May 10, 2005. First graduate from the College of Health Professions January 2006.
\textsuperscript{622} Terminated by Board action on May 10, 2016. Last enroll spring 2016, last graduate spring 2021.
\textsuperscript{623} Renamed Recreational Therapy from Therapeutic Recreation by Board action on May 1, 2018. Effective Fall 2018.
\textsuperscript{624} Terminated by Board action on December 14, 2004. Last admit Spring 2005, last graduate Spring 2010.
\textsuperscript{625} Established by Board action on March 12, 2018. First enroll Fall 2018.
MASTER’S LEVEL

PROGRAM

APPLIED BIOSTATISTICS
ATHLETIC TRAINING
CLINICAL RESEARCH AND TRANSLATIONAL MEDICINE
COMMUNITY HEALTH EDUCATION
EPIDEMIOLOGY
EPIDEMIOLOGY
ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH
HEALTH INFORMATICS
   CONCENTRATION IN HEALTHCARE DATA ANALYTICS
   CONCENTRATION IN POPULATION HEALTH MANAGEMENT
   CONCENTRATION IN CYBERSECURITY FOR HEALTHCARE PROFESSIONALS
HEALTH POLICY AND MANAGEMENT
   OPTIONAL CONCENTRATION IN HEALTH POLICY
   OPTIONAL CONCENTRATION IN HEALTH LEADERSHIP
KINESIOLOGY
   CONCENTRATION IN ATHLETIC TRAINING
   CONCENTRATION IN CURRICULUM AND INSTRUCTION (Terminated)
   CONCENTRATION IN INTEGRATIVE EXERCISE PHYSIOLOGY
   CONCENTRATION IN PSYCHOLOGY OF MOVEMENT

DEGREE

Master of Public Health
Master of Science in Athletic Training
Master of Science
Master of Public Health (Terminated)
Master of Public Health
Master of Science
Master of Public Health
Master of Science
Master of Public Health
Master of Science
Master of Public Health
Master of Science
Master of Public Health
Master of Science
Master of Public Health
Master of Science
Master of Public Health
Master of Science

626 Established by Board action on May 10, 2016. First enroll Fall 2016.
627 Established by Board action on May 12, 2015. First enroll Summer 2016.
629 Terminated by Board action on March 11, 2008. Last admit Fall 2008, last graduate Spring 2011.
630 Established by Board action on May 10, 2016. First enroll Fall 2016.
632 Established by Board action on May 10, 2016. First enroll Fall 2016.
633 Established by Board action (three concentrations) on March 14, 2017. First enroll Fall 2017.
634 Established by Board action on June 19, 2008. First enroll Fall 2009.
635 Established by Board action on May 2, 2017. First enroll Fall 2017.
636 Established by Board action on May 2, 2017. First enroll Fall 2017.
637 Established by Board action on May 10, 2016. First enroll Fall 2016.
640 Transferred from the College of Education by Board action on May 10, 2005. First graduate from the College of Health Professions January 2006.
641 Terminated by Board action on December 11, 2007. Last admit Spring 2008, last graduate spring 2013

55

Revised 10092018
LINGUISTICS
NEUROMOTOR SCIENCE
NURSING
  OPTIONAL CONCENTRATION: CLINICAL NURSE LEADER
  OPTIONAL CONCENTRATION: NURSE EDUCATOR
OCCUPATIONAL THERAPY
OCCUPATIONAL THERAPY
PHYSICAL THERAPY
PUBLIC HEALTH
  CONCENTRATION: APPLIED BIOSTATISTICS
  CONCENTRATION: EPIDEMIOLOGY
  CONCENTRATION: SOCIAL AND BEHAVIORAL SCIENCE
  CONCENTRATION: ENVIRONMENTAL HEALTH
  CONCENTRATION: EPIDEMIOLOGY AND BIOSTATISTICS (terminated, concentration only)
  CONCENTRATION: GLOBAL HEALTH (terminated, concentration only)
  CONCENTRATION: HEALTH POLICY MANAGEMENT
RECREATIONAL THERAPY
SCHOOL HEALTH EDUCATION
SOCIAL AND BEHAVIORAL SCIENCES
SPEECH, LANGUAGE & HEARING SCIENCE
THERAPEUTIC RECREATION

DOCTORAL LEVEL

642 Terminated by Board action on March 14, 2017, effective fall 2017. There are no currently enrolled students.
643 Established by Board action on March 11, 2015. First enroll Fall 2015.
646 Terminated by Board action on May 2, 2017. Effective end of Spring 2017 (no students enrolled).
647 Terminated by Board action on October 11, 2011, effective fall 2011. There are no currently enrolled students.
650 Established by Board action (Concentrations in Epidemiology and Applied Biostatistics only) on December 9, 2014. First enroll fall 2015.
651 Terminated by Board action on December 9, 2014. Last admit spring 2015, last graduate spring 2019.
652 Terminated by Board action on May 14, 2013. Last admit spring 2013, last graduate spring 2016.
653 Established by Board action on March 5, 2013. First enroll fall 2013.
654 Established by Board action (including concentrations) on March 11, 2008. First enroll fall 2008.
655 Terminated by Board action on May 10, 2016 (degree and remaining concentration). Last enroll spring 2016, last graduate spring 2021.
656 Renamed Recreational Therapy from Recreation Therapy by Board action on May 1, 2018. Effective Fall 2018.
658 Terminated by Board action on May 12, 2015. Last enroll spring 2015, last graduate spring 2016.
659 Established by Board action on May 10, 2016. First enroll Fall 2016.

Master of Arts (Terminated)
Master of Science
Master of Science in Nursing (Terminated)
Master of Science (Terminated)
Master of Occupational Therapy
Master of Science (terminated)
Master of Public Health (terminated)
Master of Science
Master of Education (terminated)
Master of Public Health
Master of Arts
Master of Education (Terminated)
PROGRAM

ATHLETIC TRAINING
COMMUNICATION SCIENCES AND DISORDERS
EPIDEMIOLOGY
HEALTH POLICY
HEALTH ECOLOGY
HEALTH STUDIES
CONCENTRATION IN PUBLIC HEALTH
CONCENTRATION IN THERAPEUTIC RECREATION

KINESIOLOGY
CONCENTRATION IN ATHLETIC TRAINING
CONCENTRATION IN CURRICULUM AND INSTRUCTION (Terminated)
CONCENTRATION IN INTEGRATIVE EXERCISE PHYSIOLOGY
CONCENTRATION IN PSYCHOLOGY OF MOVEMENT
NEUROMOTOR SCIENCE

NURSING

NURSING
CONCENTRATION IN ADULT-GERONTOLOGY PRIMARY CARE (terminated: CONCENTRATION IN ADULT NURSE PRACTITIONER)

NURSING
CONCENTRATION IN FAMILY- INDIVIDUAL ACROSS THE LIFESPAN (terminated CONCENTRATION IN FAMILY NURSE PRACTITIONER)

DEGREE

Doctor of Athletic Training
Doctor of Philosophy
Doctor of Philosophy
Doctor of Philosophy
Doctor of Philosophy (terminated)
Doctor of Philosophy (Terminated)

Doctor of Philosophy
Doctor of Nursing Practice

Doctor of Nursing Practice

Doctor of Nursing Practice

Doctor of Nursing Practice

Doctor of Nursing Practice

Established by Board action on May 12, 2015. First enroll Fall 2016.
Renamed by Board action on May 10, 2016 from Communication Sciences to Communication Sciences and Disorders. First enroll Fall 2016.
Established by Board action on December 9, 2014. First enroll Fall 2015.
Established by Board action on May 10, 2016. First enroll Fall 2016.
Established by Board action on October 14, 2008. First enroll Fall 2009.
Terminated by Board action on May 12, 2015. Last enroll Spring 2015, last graduate Spring 2020.
Transferred from the College of Education by Board action on May 10, 2005. First graduate from the College of Health Professions January 2006.
Established by Board action on March 11, 2015. First enroll Fall 2015.
Terminated by Board action on May 8, 2012. Students to be transferred to newly named concentrations effective Fall 2012.
Terminated by Board action on May 8, 2012. Students to be transferred to newly named concentrations effective Fall 2012.
Established by Board action on December 8, 2009. First enroll Fall 2010.
OCCUPATIONAL THERAPY

PHYSICAL THERAPY

PHYSICAL THERAPY/NEUROSCIENCE

PHYSICAL THERAPY

PUBLIC HEALTH
- CONCENTRATION IN SOCIAL AND BEHAVIORAL HEALTH SCIENCES
- CONCENTRATION IN ENVIRONMENTAL HEALTH AND HEALTH POLICY (terminated-concentration only)
- CONCENTRATION IN HEALTH POLICY

SOCIAL AND BEHAVIORAL SCIENCES

CERTIFICATE OR DIPLOMA

PROGRAM
- AMERICAN SIGN LANGUAGE
- EMERGENCY MANAGEMENT WITH SPECIAL POPULATIONS
- CONSTRUCTION SAFETY MANAGEMENT
- CLINICAL HEALTH LEADER
- CLINICAL HEALTH SERVICES RESEARCH
- CHILD AND FAMILY SERVICES
- GLOBAL HEALTH
- HEALTHCARE DATA ANALYTICS
- HEALTH INFORMATICS

DEGREE
- Clinical Doctorate in Occupational Therapy (terminated)
- Doctor of Occupational Therapy
- Doctor of Philosophy
- Doctor of Physical Therapy
- Doctor of Philosophy (terminated)

PUBLIC HEALTH
- CONCENTRATION IN SOCIAL AND BEHAVIORAL HEALTH SCIENCES
- CONCENTRATION IN ENVIRONMENTAL HEALTH AND HEALTH POLICY (terminated-concentration only)
- CONCENTRATION IN HEALTH POLICY

SOCIAL AND BEHAVIORAL SCIENCES

CERTIFICATE OR DIPLOMA

PROGRAM
- AMERICAN SIGN LANGUAGE
- EMERGENCY MANAGEMENT WITH SPECIAL POPULATIONS
- CONSTRUCTION SAFETY MANAGEMENT
- CLINICAL HEALTH LEADER
- CLINICAL HEALTH SERVICES RESEARCH
- CHILD AND FAMILY SERVICES
- GLOBAL HEALTH
- HEALTHCARE DATA ANALYTICS
- HEALTH INFORMATICS

DEGREE
- Certificate (undergraduate)
- Certificate (terminated)
- Certificate (terminated)
- Certificate (graduate)
- Certificate (terminated)
- Certificate (graduate)
- Certificate (graduate)
- Certificate (graduate)

677 Degree renamed by Board action on May 10, 2016 from Doctor of Occupational Therapy to Clinical Doctorate in Occupational Therapy. First enroll fall 2016.
682 Established by Board action on March 10, 2009. First enroll Fall 2009.
683 Established by Board action on October 9, 2007. First enroll Fall 2008.
684 Terminated by Board action (degree and concentrations) on May 10, 2016. Last enroll spring 2016, last graduate spring 2021.
685 Renamed Social and Behavioral Sciences from Social and Behavioral Health Sciences by Board action on May 1, 2018. Effective Fall 2018.
689 Established by Presidential action on June 18, 2009. First enroll Fall 2009.
690 Terminated by Presidential action on May 13, 2014. Last enroll and last graduate Spring 2014.
691 Established by Presidential action on May 10, 2011. First enroll Fall 2011.
693 Terminated by Presidential action on December 13, 2016. Effective Fall 2016 (no students enrolled).
695 Established by Presidential action on May 10, 2011. First enroll Fall 2011.
696 Established by Presidential action on May 10, 2011. First enroll Fall 2011.
697 Degree renamed by Board action on May 10, 2016 from Doctor of Occupational Therapy to Clinical Doctorate in Occupational Therapy. First enroll fall 2016.
HEALTH INFORMATION PRIVACY AND SECURITY Certificate 697 (graduate)  
HEALTH OUTCOMES AND MEASUREMENT SCIENCE Certificate 698 (graduate)  
LINGUISTICS Certificate 699 (undergraduate)  
PUBLIC HEALTH Certificate 700 (graduate) (terminated) 701  
PUBLIC HEALTH LAW RESEARCH Certificate 702 (graduate)  
SCHOOL NURSE Certificate 703 (graduate)  

697 Established by Presidential action on May 10, 2011. First enroll Fall 2011.  
698 Established by Presidential action on May 1, 2018. First enroll Fall 2018.  
700 Established by Presidential action on May 10, 2016. First enroll Fall 2016.  
701 Terminated by Presidential action; reported to the Board on May 2, 2017. Effective Summer 2017.  
702 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.  
703 Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.
SCIENCE AND TECHNOLOGY, COLLEGE OF

BACHELOR’S LEVEL

<table>
<thead>
<tr>
<th>PROGRAM (Degree and Minors)</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLIED MATHEMATICS</td>
<td>Bachelor of Science$^{704}$</td>
</tr>
<tr>
<td>BIOCHEMISTRY</td>
<td>Bachelor of Arts(Terminated)$^{705}$</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>Bachelor of Arts, Minor</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>Bachelor of Arts, Minor</td>
</tr>
<tr>
<td>COMPUTER &amp; INFORMATION SCIENCE</td>
<td>Bachelor of Arts (Terminated)$^{706}$</td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
<td>Bachelor of Arts$^{707}$, Minor</td>
</tr>
<tr>
<td>ENVIRONMENTAL STUDIES</td>
<td>Bachelor of Arts(Terminated)$^{708}$</td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>Bachelor of Arts, Minor</td>
</tr>
<tr>
<td>INFORMATION SCIENCE &amp; TECHNOLOGY</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>MATHEMATICAL ECONOMICS</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>NATURAL SCIENCES</td>
<td>Bachelor of Science$^{710}$</td>
</tr>
<tr>
<td>PHYSICS</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>BIOCHEMISTRY</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>BIOLOGY WITH TEACHING</td>
<td>Bachelor of Science$^{711}$</td>
</tr>
<tr>
<td>BIOPHYSICS</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>CHEMISTRY WITH TEACHING</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>COMPUTER &amp; INFORMATION SCIENCE</td>
<td>Bachelor of Science (Terminated)$^{712}$</td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
<td>Bachelor of Science$^{713}$</td>
</tr>
<tr>
<td>COMPUTER SCIENCE AND PHYSICS</td>
<td>Bachelor of Science$^{714}$</td>
</tr>
</tbody>
</table>

$^{704}$ Established by Board Action on May 10, 2011. First enroll Fall 2011.
$^{710}$ Established by Board action on May 13, 2008. First enroll Fall 2008.
$^{711}$ Established by Board action on May 13, 2008. First enroll Fall 2008.
$^{714}$ Established by Board action on March 15, 2016. First enroll Fall 2016.
DATA SCIENCE
CONCENTRATION IN COMPUTATIONAL ANALYTICS
CONCENTRATION IN COMPUTATION AND MODELING
CONCENTRATION IN GENOMICS AND BIOINFORMATICS

EARTH AND SPACE SCIENCE WITH TEACHING
ENVIRONMENTAL SCIENCE
ENVIRONMENTAL STUDIES
GENERAL SCIENCE WITH TEACHING
GEOLOGY
INFORMATION SCIENCE & TECHNOLOGY
MATHEMATICS
MATHEMATICS WITH TEACHING
MATHEMATICS/COMPUTER SCIENCE
MATHEMATICS AND COMPUTER SCIENCE WITH TEACHING
MATHEMATICS AND TECHNOLOGY WITH TEACHING
MATHEMATICS/PHYSICS
NATURAL SCIENCE
NEUROSCIENCE: CELLULAR AND MOLECULAR
PHARMACEUTICAL SCIENCES
PHYSICS
PHYSICS WITH TEACHING

MINOR ONLY
DIGITAL MEDIA AND TECHNOLOGIES

**MASTER’S LEVEL**

**PROGRAM**

BIOLOGY

**DEGREE**

Master of Arts (Terminated)\(^{728}\)(re-established)\(^{729}\)

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\(^{715}\) Established by Board action on October 11, 2016. First enroll Fall 2016.
\(^{716}\) Established by Board action on May 13, 2008. First enroll Fall 2008
\(^{719}\) Established by Board action on May 13, 2008. First enroll Fall 2008
\(^{720}\) Established by Board action on May 13, 2008. First enroll Fall 2008
\(^{723}\) Established by Board action on June 20, 2013. First enroll Fall 2013.
\(^{724}\) Established by Board action on May 2, 2017. First enroll Fall 2017.
\(^{725}\) Established by Board action on May 13, 2008. First enroll Fall 2008
\(^{726}\) Established by Board action on October 14, 2014. First enroll, Fall 2014, however, there is no direct admission to this program.
\(^{727}\) Established by Board action on May 13, 2008. First enroll Fall 2008
\(^{728}\) Terminated by Board action on October 12, 2004. Last admit Spring 2005, last graduate Spring 2009.
\(^{729}\) Re-established by Board action on May 1, 2018. First enroll Fall 2018.
CHEMISTRY
MATHEMATICS
PHYSICS
BIOLOGY
CHEMISTRY
COMPUTATIONAL DATA SCIENCE
COMPUTER SCIENCE
COMPUTER & INFORMATION SCIENCE
GEOLOGY
INFORMATION SCIENCE & TECHNOLOGY
MATHEMATICS
  OPTIONAL CONCENTRATION IN APPLIED AND COMPUTATIONAL MATHEMATICS\textsuperscript{739}
PHYSICS
BIOINFORMATICS
BIOINNOVATION
BIOTECHNOLOGY
CYBER DEFENSE AND INFORMATION ASSURANCE
FORENSIC CHEMISTRY
HIGH-PERFORMANCE COMPUTING FOR SCIENTIFIC APPLICATIONS
SCIENTIFIC WRITING

**DOCTORAL LEVEL**

**PROGRAM**

BIOINFORMATICS
BIOLOGY
BIOLOGY/NEUROSCIENCE

**DEGREE**

Doctor of Philosophy\textsuperscript{749}

\textsuperscript{730} Terminated by Board action on May 1, 2018. Last enroll Summer II 2018. Last graduate Spring 2022.

\textsuperscript{731} Terminated by Board action on December 10, 2013. Last admit Spring 2014, last graduate Spring 2019.

\textsuperscript{732} Terminated by Board action on October 8, 2013. Last admit Spring 2013, last graduate Spring 2018.

\textsuperscript{733} Established by Board action on October 12, 2004. First enroll Fall 2005

\textsuperscript{734} Established by Board action on May 1, 2018. First enroll Fall 2018.

\textsuperscript{735} Established by Board action on May 10, 2016. First enroll Fall 2016.

\textsuperscript{736} Established by Board action on June 17, 2010. First enroll Fall 2010.

\textsuperscript{737} Established by Board action on June 17, 2010. Last enroll Spring 2010, last graduate Spring 2015.

\textsuperscript{738} Established by Board action on May 12, 2009. First enroll Fall 2009

\textsuperscript{739} Established by Board action on December 10, 2013. First enroll Fall 2014.

\textsuperscript{740} Established by Board action on December 10, 2013. First enroll Fall 2014.

\textsuperscript{741} Established by Board action on December 10, 2013. First enroll Fall 2014.

\textsuperscript{742} Established by Board action on March 11, 2015. First enroll Fall 2015.

\textsuperscript{743} Established by Board action on March 12, 2012. First enroll Fall 2012.

\textsuperscript{744} Established by Board action on March 15, 2016. First enroll Fall 2016.

\textsuperscript{745} Established by Board action on May 12, 2015. First enroll Fall 2015.

\textsuperscript{746} Established by Board action on March 15, 2016. First enroll Fall 2016.

\textsuperscript{747} Established by Board action on March 14, 2017. First enroll Fall 2017.

\textsuperscript{748} Established by Board action on March 12, 2018. First enroll Fall 2018.

\textsuperscript{749} Established by Board action on March 12, 2018. First enroll Fall 2018.
CHEMISTRY

COMPUTER & INFORMATION SCIENCE

OPTIONAL TRACK IN ARTIFICIAL INTELLIGENCE AND APPLICATIONS 750
OPTIONAL TRACK IN COMPUTER AND NETWORK SYSTEMS
OPTIONAL TRACK IN INFORMATION SYSTEMS
OPTIONAL TRACK IN SOFTWARE SYSTEMS

GEOSCIENCE

MATHEMATICS

PHYSICS

Doctor of Philosophy

Doctor of Philosophy

Doctor of Philosophy

Doctor of Philosophy

CERTIFICATE OR DIPLOMA

PROGRAM

BIOINFORMATICS

BIOINNOVATION

BIOTECHNOLOGY

COMPUTER SECURITY AND DIGITAL FORENSICS

DATA SCIENCE: COMPUTATIONAL ANALYTICS

ENVIRONMENTAL PROFESSIONAL TRAINING

FUNDAMENTALS OF PROGRAMMING

GENOME MEDICINE

COMPUTER SCIENCE

INFORMATION SCIENCE AND TECHNOLOGY

SCIENTIFIC WRITING

DEGREE

Certificate 752 (graduate)

Certificate 753 (graduate)

Certificate 754 (graduate)

Certificate 755 (undergraduate)

Certificate 756 (undergraduate)

Certificate 757 (undergraduate)

Certificate 758 (undergraduate)

Certificate 759 (undergraduate)

Certificate (graduate) 760

Certificate (graduate) 761

Certificate (graduate) 762

750 Established by Board action (four optional tracks) on May 11, 2010. First enroll Fall 2010.

751 Established by Board action on May 12, 2009. First enroll Fall 2010

752 Established by Presidential action on May 1, 2018. First enroll Fall 2018.

753 Established by Presidential action on May 1, 2018. First enroll Fall 2018.

754 Established by Presidential action on May 1, 2018. First enroll Fall 2018.


756 Established by Presidential action on May 10, 2016. First enroll Fall 2016.

757 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.

758 Established by Presidential action on March 11, 2015. First enroll Fall 2015.


760 Established by Presidential action on October 8, 2013. First enroll Spring 2014.

761 Established by Presidential action on October 8, 2013. First enroll Spring 2014.

SOCIAL WORK, SCHOOL OF (formerly School of Social Administration)\textsuperscript{763}

**BACHELOR’S LEVEL**

PROGRAM (Degree and Minors) \hspace{1cm} DEGREE

SOCIAL WORK \hspace{1cm} Bachelor of Social Work, Minor(Terminated)\textsuperscript{764}

**MASTER’S LEVEL**

PROGRAM \hspace{1cm} DEGREE

SOCIAL WORK \hspace{1cm} Master of Social Work

**CERTIFICATE OR DIPLOMA**

PROGRAM \hspace{1cm} DEGREE

MILITARY COUNSELING \hspace{1cm} Certificate (graduate)\textsuperscript{765}

\textsuperscript{763} Renamed the School of Social Work and moved in to College of Health Professions and Social Work by Board action on May 12, 2009. Effective July 1, 2009. See policy 01.20.03.

\textsuperscript{764} Terminated by Board action (minor only) on May 1, 2018. Effective Spring 2018. Last graduate Spring 2022.

\textsuperscript{765} Established by Presidential action; reported to the Board on May 12, 2015.
SPORT, TOURISM & HOSPITALITY MANAGEMENT, SCHOOL OF

BACHELOR’S LEVEL

PROGRAM (Degree and Minor) |

SPORT & RECREATION MANAGEMENT
- OPTIONAL CONCENTRATION IN EVENT LEADERSHIP
- OPTIONAL CONCENTRATION IN GOVERNANCE AND POLICY
- OPTIONAL CONCENTRATION IN SPORT AND RECREATION PROMOTION

Terminated – concentrations:
- OPTIONAL CONCENTRATION IN LEISURE MANAGEMENT
- OPTIONAL CONCENTRATION IN SPORT MANAGEMENT

TOURISM & HOSPITALITY MANAGEMENT
- OPTIONAL CONCENTRATION IN DESTINATION MANAGEMENT
- OPTIONAL CONCENTRATION IN EVENT LEADERSHIP
- OPTIONAL CONCENTRATION IN HOSPITALITY OPERATIONS

Terminated – concentrations:
- OPTIONAL CONCENTRATION IN HOSPITALITY MANAGEMENT
- OPTIONAL CONCENTRATION IN DESTINATION & EVENT MANAGEMENT

TOURISM & HOSPITALITY MANAGEMENT (2 + 2 program)

MINOR ONLY

SPORT MANAGEMENT

MASTER’S LEVEL

PROGRAM |

HOSPITALITY MANAGEMENT
- CONCENTRATION IN TOURISM AND HOSPITALITY MARKETING
- CONCENTRATION IN HOSPITALITY OPERATIONS MANAGEMENT
- CONCENTRATION IN EVENT MANAGEMENT

SPORT BUSINESS
- CONCENTRATION IN ATHLETICS ADMINISTRATION
- CONCENTRATION IN RECREATION AND EVENT MANAGEMENT
- CONCENTRATION IN SPORT ANALYTICS
- CONCENTRATION IN SPORT MARKETING AND PROMOTIONS

DEGREE

Bachelor of Science

Bachelor of Science, Minor

Bachelor of Science (Active in Japan)

Minor

Master of Science

Master of Science

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766 Established by Board action (new concentrations) on June 23, 2011. First enroll Fall 2011.
770 Established by Board action (new concentrations) on June 23, 2011. First enroll Fall 2011.
775 Established by Board action on December 19, 2017. First enroll Fall 2018.
776 Established by Board action on December 19, 2017. First enroll Fall 2018.
777 Established by Board action on December 19, 2017. First enroll Fall 2018.
778 Established by Board action on December 19, 2017. First enroll Fall 2018.
779 Established by Board action on May 14, 2013. First enroll Fall 2013.
SPORT BUSINESS (EXECUTIVE PROGRAM)
SPORT & RECREATION ADMINISTRATION
SPORT & RECREATION MANAGEMENT
TOURISM & HOSPITALITY MANAGEMENT
  CONCENTRATION IN HOSPITALITY OPERATIONS MANAGEMENT
  CONCENTRATION IN TOURISM AND HOSPITALITY MARKETING
TOURISM & HOSPITALITY MANAGEMENT (Executive Program)

TRAVEL AND TOURISM

CERTIFICATE OR DIPLOMA

PROGRAM

DESTINATION MANAGEMENT
EVENT LEADERSHIP
GLOBAL TOURISM
SPORT MANAGEMENT
SPORT MARKETING
TOURISM ANALYTICS
TOURISM AND HOSPITALITY MANAGEMENT

DEGREE

Certificate (graduate)
Certificate (undergraduate)
Certificate (graduate)
Certificate (undergraduate)
Certificate (graduate)
Certificate (undergraduate)
Certificate (graduate)
Certificate (undergraduate)

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780 Established by Board action (executive program) on October 11, 2016. First enroll Fall 2017.
782 Established by Board action on May 12, 2009. First enroll Fall 2009.
783 Terminated by Board action on May 14, 2013. Last admit Spring 2013, last graduate Spring 2016.
784 Established by Board action (concentrations) on May 14, 2013. First enroll Fall 2013.
785 Terminated (with concentrations) to be renamed as a Master of Science by Board action on December 19, 2017. Last enroll Spring 2018, last graduate Spring 2023.
786 Established by Board action (executive program) on May 11, 2010. First enroll Summer 2010.
787 Established by Board action on December 13, 2016. First enroll Fall 2017.
788 Established by Presidential action on December 13, 2016. First enroll Fall 2017.
790 Established by Presidential action on December 13, 2016. First enroll Fall 2017.
792 Established by Presidential action on December 13, 2016. First enroll Fall 2017.
793 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Fall 2016.
TEMPLE UNIVERSITY JAPAN
Note: The following programs are offered only at the Temple University Japan campus and not at any other campus.

ASSOCIATE LEVEL

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
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</thead>
<tbody>
<tr>
<td>GENERAL PROGRAM (College of Liberal Arts)</td>
<td>Associate in Arts</td>
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BACHELOR’S LEVEL

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
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<tbody>
<tr>
<td>ART (Tyler School of Art and Architecture)</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>GENERAL PROGRAM (College of Liberal Arts)</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>INTERNATIONAL AFFAIRS (College of Liberal Arts)</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>INTERNATIONAL BUSINESS STUDIES (College of Liberal Arts)</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>JAPANESE (College of Liberal Arts)</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>PSYCHOLOGICAL STUDIES (College of Liberal Arts)</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>TOURISM &amp; HOSPITALITY MANAGEMENT (2+2 PROGRAM) (School of Tourism and Hospitality Management)</td>
<td>Bachelor of Science</td>
</tr>
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</table>

### UNIVERSITY COLLEGE

**CERTIFICATE**

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
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<tbody>
<tr>
<td>PLAY THERAPY</td>
<td>Certificate(^{796}) (graduate)</td>
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<tr>
<td>NATIONAL PARK SERVICE MANAGEMENT</td>
<td>Certificate(^{797}) (undergraduate)</td>
</tr>
<tr>
<td>POST-BACCALAUREATE CERTIFICATE IN NATIONAL PARK SERVICE MANAGEMENT</td>
<td>Certificate(^{798}) (undergraduate)(^{799})</td>
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<tr>
<td>SUSTAINABILITY</td>
<td>Certificate(^{800}) (undergraduate)</td>
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\(^{799}\) Note: This is an undergraduate-level certificate for students holding a bachelor’s degree.

\(^{800}\) Established by Presidential action on October 11, 2011. First enroll Fall 2011.