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 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 / Benefit-Risk Management; 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.

Secretary’s Note: In the list of approved instrumental concentrations for programs in the Boyer College of Music and Dance the category headers for Brass, Historical Keyboard Instruments, String, and Woodwinds were inadvertently included as options in a previous revision of the document. They have been removed to correct the list. December 11, 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\(^12\)

---

\(^1\) 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.
<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass with Entrepreneurial Studies</td>
<td>Bachelor of Fine Arts13</td>
</tr>
<tr>
<td>Horticulture</td>
<td>Bachelor of Science14</td>
</tr>
<tr>
<td>Landscape Architecture</td>
<td>Bachelor of Science16</td>
</tr>
<tr>
<td><strong>Optional Concentration: Horticulture</strong></td>
<td></td>
</tr>
<tr>
<td>Fibers and Materials Studies</td>
<td>Bachelor of Fine Arts</td>
</tr>
<tr>
<td><strong>Optional Concentration: Art Education</strong></td>
<td></td>
</tr>
<tr>
<td>Fibers and Material Studies with Entrepreneurial Studies</td>
<td>Bachelor of Fine Arts18</td>
</tr>
<tr>
<td>Fibers and Fabric Design(Terminated)</td>
<td>Bachelor of Fine Arts19</td>
</tr>
<tr>
<td>Graphic &amp; Interactive Design</td>
<td>Bachelor of Fine Arts</td>
</tr>
<tr>
<td><strong>Optional Concentration: Art Education</strong></td>
<td></td>
</tr>
<tr>
<td>Graphic &amp; Interactive Design with Entrepreneurial Studies</td>
<td>Bachelor of Fine Arts20</td>
</tr>
<tr>
<td>Metals/Jewelry/CAD-CAM with Entrepreneurial Studies</td>
<td>Bachelor of Fine Arts21</td>
</tr>
<tr>
<td>Metals/Jewelry/Computer-Aided Design – Computer-Aided Manufacturing (CAD-CAM)</td>
<td>Bachelor of Fine Arts22</td>
</tr>
<tr>
<td><strong>Optional Concentration: Art Education</strong></td>
<td></td>
</tr>
<tr>
<td>Painting</td>
<td>Bachelor of Fine Arts</td>
</tr>
<tr>
<td><strong>Optional Concentration: Art Education</strong></td>
<td></td>
</tr>
<tr>
<td>Painting with Entrepreneurial Studies</td>
<td>Bachelor of Fine Arts24</td>
</tr>
<tr>
<td>Photography</td>
<td>Bachelor of Fine Arts</td>
</tr>
<tr>
<td><strong>Optional Concentration: Art Education</strong></td>
<td></td>
</tr>
<tr>
<td>Photography with Entrepreneurial Studies</td>
<td>Bachelor of Fine Arts25</td>
</tr>
<tr>
<td>14 Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.</td>
<td></td>
</tr>
<tr>
<td>16 Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.</td>
<td></td>
</tr>
</tbody>
</table>
PRINTMAKING
  OPTIONAL CONCENTRATION: ART EDUCATION\textsuperscript{28}

PRINTMAKING WITH ENTREPRENEURIAL STUDIES

Bachelor of Fine Arts

SCULPTURE
  OPTIONAL CONCENTRATION: ART EDUCATION\textsuperscript{30}

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\textsuperscript{36}

Minor

ECOLOGICAL PLANNING AND DESIGN

Minor

ENVIRONMENTAL HORTICULTURE

Minor

LANDSCAPE STUDIES

Minor

SUSTAINABLE FOOD SYSTEMS

Minor

MASTER’S LEVEL

PROGRAM

ARCHITECTURE

ARCHITECTURE

ARCHITECTURE

OPTIONAL CONCENTRATION IN ADVANCED TECHNOLOGIES AND DESIGN

OPTIONAL CONCENTRATION IN HEALTH AND DESIGN

OPTIONAL CONCENTRATION IN URBAN ECOLOGIES AND DESIGN

ART EDUCATION

Master of Education

DEGREE

Master of Architecture\textsuperscript{37}

Master of Science\textsuperscript{38}

\textsuperscript{28} Established by Board action on June 21, 2012. First enroll Fall 2012.

\textsuperscript{29} Established by Board action on May 2, 2017. Effective Fall 2017. Renamed, by Board action, to Printmaking with Entrepreneurial Studies on October 10, 2017, effective Fall 2017.

\textsuperscript{30} Established by Board action on June 21, 2012. First enroll Fall 2012.


\textsuperscript{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.

\textsuperscript{33} Established by Board action on December 9, 2008. First enroll Fall 2010.

\textsuperscript{34} Renamed from Bachelor of Science in Architectural Preservation to Bachelor of Science in Historic Preservation. Effective Fall 2017.

\textsuperscript{35} Established by Board action on December 9, 2008. First enroll Fall 2010.

\textsuperscript{36} Renamed from Minor in Community and Regional Planning to Minor in City and Regional Planning. Effective Fall 2017.

\textsuperscript{37} Established by Board action on December 9, 2008. First enroll Fall 2010.

ART HISTORY

CERAMICS/GLASS

CITY AND REGIONAL PLANNING39
    OPTIONAL CONCENTRATION IN SUSTAINABLE COMMUNITY PLANNING40
    OPTIONAL CONCENTRATION IN TRANSPORTATION PLANNING41

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

DOCTORAL LEVEL

PROGRAM

ART HISTORY

DEGREE

Doctor of Philosophy

CERTIFICATE OR DIPLOMA

PROGRAM

ARTS IN COMMUNITY

DEGREE

Certificate49 (undergraduate)

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.
40 Established by Board action on October 14, 1008. First enroll Fall 2009.
41 Established by Board action on October 14, 2008. First enroll Fall 2009.
42 Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.
43 Established by Board action on May 12, 2009. First enroll Fall 2010.
44 Moved from the School of Environment Design which was eliminated by Board action on December 8, 2015. Effective Spring 2016.
45 Established by Board action on May 12, 2009. First enroll Fall 2010.
46 Terminated (renamed, see footnote below) by Board action on May 11, 2010. Last enroll Spring 2010, last graduate Spring 2015.
47 Established by Board action on May 11, 2010, First enroll Fall 2010.
48 Established by Board action on October 14, 2014. First enroll Summer 2015
49 Established by Presidential action on May 12, 2009. First enroll Fall 2009.
ARTS IN COMMUNITY
CREATIVE ENTREPRENEURSHIP
ENVIRONMENTAL SUSTAINABILITY
HEALTH FACILITIES PLANNING
HISTORIC PRESERVATION
HORTICULTURAL THERAPY
LANDSCAPE PLANTS
NATIVE PERENNIAL GARDEN DESIGN
SUSTAINABLE COMMUNITY PLANNING
SUSTAINABLE FOOD SYSTEMS
TRANSPORTATION PLANNING

Certificate\(^{50}\) (graduate)
Certificate\(^{51}\) (undergraduate)
Certificate\(^{52}\) (undergraduate)\(^{53}\)
Certificate\(^{54}\) (graduate)
Certificate\(^{55}\) (undergraduate)
Certificate (undergraduate)
Certificate (undergraduate)
Certificate\(^{56}\) (undergraduate)
Certificate\(^{57}\) (graduate)
Certificate\(^{58}\) (undergraduate)
Certificate\(^{59}\) (graduate)

---

\(^{50}\) 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) 60

ECONOMICS

E-MARKETING

ENTREPRENEURSHIP

ENTREPRENEURSHIP AND INNOVATION MANAGEMENT

FINANCE
  CONCENTRATION IN CORPORATE FINANCE 64
  CONCENTRATION IN ASSET PRICING

FINANCIAL PLANNING

HUMAN RESOURCE ADMINISTRATION

HUMAN RESOURCE MANAGEMENT

INTERNATIONAL BUSINESS
  CONCENTRATION IN INTERNATIONAL MARKETING 68
  CONCENTRATION IN INTERNATIONAL SALES AND BUSINESS DEVELOPMENT
  CONCENTRATION IN INTERNATIONAL SUPPLY CHAIN MANAGEMENT, TRANSPORTATION AND LOGISTICS
  CONCENTRATION IN INTERNATIONAL ECONOMICS
  CONCENTRATION IN INTERNATIONAL ENTREPRENEURSHIP
  CONCENTRATION IN INTERNATIONAL FINANCE
  CONCENTRATION IN HUMAN RESOURCE ADMINISTRATION (Terminated) 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

Bachelor of Business Administration, Minor
Bachelor of Business Administration (Terminated) 61
Bachelor of Business Administration (Terminated-renamed) 62
Bachelor of Business Administration 63, Minor
Bachelor of Business Administration, Minor
Bachelor of Business Administration 65
Bachelor of Business Administration 66
Bachelor of Business Administration 67
Bachelor of Business Administration

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) 70

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 79

- Bachelor of Business Administration (Terminated) 71
- Bachelor of Business Administration 72, Minor
- Bachelor of Business Administration, Minor
- Bachelor of Business Administration, Minor
- Bachelor of Business Administration
- Bachelor of Business Administration
- Bachelor of Business Administration 73, Minor
- Bachelor of Science 74

---

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

Established by Board action on December 9, 2014. First enroll Spring 2015.
Established by Board action on March 15, 2016. First enroll Fall 2016.
Established by Board action on October 10, 2017. First enroll Spring 2018.
Established by Board action on March 15, 2016. First enroll Fall 2016.
Established by Board action (concentration only) on July 17, 2014. First enroll Fall 2014.
Established by Board action on March 5, 2013. First enroll Fall 2013.
Established by Board action on October 11, 2011. First enroll Fall 2011.
Established by Board action (concentration only) on July 17, 2014. First enroll Fall 2014.
Established by Board action on December 19, 2017. First enroll Fall 2018.
Established by Board action on December 19, 2017. First enroll Fall 2018.
Established by Board action on December 19, 2017. First enroll Fall 2018.
Established by Board action on March 12, 2018. First enroll Fall 2018.
Established by Board action on December 19, 2017. First enroll Fall 2018.
Terminated by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.

Revised 12112018
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{115 116} (Terminated)
CONCENTRATION IN MARKETING (Terminated)\textsuperscript{117}
CONCENTRATION IN MANAGEMENT INFORMATION SYSTEMS 
(Terminated)\textsuperscript{118}
CONCENTRATION IN PHARMACEUTICAL MANAGEMENT\textsuperscript{119 120} (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{118} Established by Board action on March 8, 2005. First enroll Fall 2005.
\textsuperscript{119} Terminated by Board action (concentration only) on March 5, 2013. Last admit Spring 2013. Last graduate May 2017.
\textsuperscript{120} Terminated by Board action on March 8, 2005. Last admit Spring 2005. Last graduate Spring 2008.
\textsuperscript{121} Terminated by Board action on March 8, 2005. First enroll Fall 2005.
\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>Program</th>
<th>Degree</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPLIANCE, ETHICS AND REGULATORY AFFAIRS</td>
<td>Master of Science (Terminated)</td>
<td>127 Established by Board action on July 17, 2014. First enroll Fall 2014.</td>
</tr>
<tr>
<td>CORPORATE COMPLIANCE AND ETHICS</td>
<td>Master of Science</td>
<td>128 Terminated (renamed) by Board action on March 11, 2015. First enroll Fall 2015.</td>
</tr>
<tr>
<td>DECISION NEUROSCIENCE</td>
<td>Master of Science</td>
<td>129 Established by Board action on March 11, 2015. First enroll Fall 2015.</td>
</tr>
<tr>
<td>DIGITAL INNOVATION IN MARKETING</td>
<td>Master of Science</td>
<td>130 Established by Board action on May 12, 2015. First enroll Fall 2015.</td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>Master of Science</td>
<td>131 Established by Board action on July 17, 2014. First enroll Fall 2014.</td>
</tr>
<tr>
<td>E-BUSINESS</td>
<td>Master of Science (Terminated)</td>
<td>132 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 OPTIONAL CONCENTRATION IN HOSPITALITY ASSET MANAGEMENT</td>
<td>Master of Business Administration</td>
<td>134 Established by Board action on December 10, 2013 (concentration only). First enroll Spring 2014.</td>
</tr>
<tr>
<td>FINANCIAL ANALYSIS</td>
<td>Master of Science</td>
<td>136 Established by Board action on December 13, 2011. First enroll Fall 2012.</td>
</tr>
<tr>
<td>GLOBAL FINANCE</td>
<td>Master of Science</td>
<td>138 Established by Board action on December 13, 2011. First enroll Fall 2012.</td>
</tr>
<tr>
<td>HEALTH ADMINISTRATION</td>
<td>Master of Science</td>
<td>139 Established by Board action on December 13, 2011. First enroll Fall 2012.</td>
</tr>
<tr>
<td>HEALTHCARE FINANCIAL MANAGEMENT</td>
<td>Master of Science</td>
<td>141 Established by Board action on December 13, 2011. First enroll Fall 2012.</td>
</tr>
<tr>
<td>HEALTHCARE MANAGEMENT/HEALTHCARE FINANCIAL MANAGEMENT</td>
<td>Master of Business Administration</td>
<td>142 Terminated (renamed) by Board action on December 9, 2014. Last enroll Spring 2015.</td>
</tr>
<tr>
<td>HUMAN RESOURCE ADMINISTRATION</td>
<td>Master of Science (Terminated)</td>
<td>143 Terminated (dual degree program only) by Board Action on March 1, 2011. Terminate as of Spring 2011. No currently enrolled students.</td>
</tr>
</tbody>
</table>
INFORMATION TECHNOLOGY AUDITING AND CYBER SECURITY
CONCENTRATION IN INFORMATION TECHNOLOGY AUDITING146
CONCENTRATION IN CYBER SECURITY

INFORMATION TECHNOLOGY MANAGEMENT

INNOVATION MANAGEMENT AND ENTREPRENEURSHIP
CONCENTRATION IN INNOVATION STRATEGY150
CONCENTRATION IN TECHNOLOGY AND INNOVATION MANAGEMENT
CONCENTRATION IN ENTREPRENEURSHIP
INTERNATIONAL BUSINESS ADMINISTRATION – TRI COUNTRY

INTERNATIONAL BUSINESS
CONCENTRATION IN FINANCE
CONCENTRATION IN GENERAL & STRATEGIC MANAGEMENT
CONCENTRATION IN HUMAN RESOURCE ADMINISTRATION (Terminated)153
CONCENTRATION IN HUMAN RESOURCE MANAGEMENT154
CONCENTRATION IN MARKETING
CONCENTRATION IN RISK MANAGEMENT & INSURANCE

MARKETING
OPTIONAL CONCENTRATION IN CONSUMER INSIGHTS(Terminated)156
OPTIONAL CONCENTRATION IN MARKETING COMMUNICATIONS157(Terminated)158
OPTIONAL CONCENTRATION IN STRATEGIC ADVERTISING AND MARKETING159
OPTIONAL CONCENTRATION IN MARKETING RESEARCH AND INSIGHT160
OPTIONAL CONCENTRATION IN ENTERPRISE MARKETING MANAGEMENT161

MANAGEMENT INFORMATION SYSTEMS

PROFESSIONAL ACCOUNTING

Master of Science147

Master of Business Administration/ Master of Science148149 (Terminated)
Master of Science151

Master of Business Administration152 (Terminated)
Master of Business Administration/ Master of Science 155(Terminated – including concentrations)

Master of Science

Master of Science (Terminated)162

146 Established by Board action (concentrations only) on May 13, 2014. First enroll Fall 2014.
149 Terminated by Board action on March 5, 2013. Last admit Spring 2013, last graduate May 2017.
150 Established by Board action (concentrations only) on October 8, 2013. First enroll Fall 2013.
152 Terminated by Board action on March 5, 2013. Last admit Spring 2013, last graduate May 2017.
155 Terminated by Board action on March 5, 2013. Last admit Spring 2013, last graduate May 2017.
156 Terminated by Board action (optional concentration only) on March 14, 2017
157 Established by Board action (optional concentrations only) on March 11, 2015. First enroll Fall 2015.
158 Terminated by Board action (optional concentration only) on March 14, 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 Established by Board action (optional concentration only) on March 14, 2017. First enroll Fall 2017.
162 Terminated by Board action on May 10, 2011. Terminate as of Spring 2011. No currently enrolled students.
QUANTITATIVE FINANCE AND RISK MANAGEMENT\(^{163}\) Master of Science\(^{164}\)
RISK MANAGEMENT AND INSURANCE Master of Science\(^{165}\)
STATISTICS Master of Science
STATISTICS AND DATA SCIENCE Master of Science\(^{166}\)
STRATEGIC ADVERTISING AND MARKETING Master of Science\(^{167}\)

DOCTORAL LEVEL

PROGRAM

BUSINESS ADMINISTRATION
CONCENTRATION IN ACCOUNTING
CONCENTRATION IN ENTREPRENEURSHIP\(^{168}\)
CONCENTRATION IN FINANCE

CONCENTRATION IN HUMAN RESOURCE ADMINISTRATION\(^{169}\)(Terminated)
CONCENTRATION IN HUMAN RESOURCE MANAGEMENT AND ORGANIZATIONAL BEHAVIOR\(^{170}\)
CONCENTRATION IN INTERDISCIPLINARY STUDY\(^{171}\)
CONCENTRATION IN INTERNATIONAL BUSINESS ADMINISTRATION
CONCENTRATION IN MANAGEMENT INFORMATION SYSTEMS
CONCENTRATION IN MARKETING
CONCENTRATION IN OPERATIONS AND SUPPLY CHAIN MANAGEMENT\(^{172}\)
CONCENTRATION IN RISK MANAGEMENT & INSURANCE\(^{173}\)
CONCENTRATION IN RISK, INSURANCE & HEALTHCARE\(^{174}\)(Terminated)
CONCENTRATION IN STRATEGIC MANAGEMENT
CONCENTRATION IN TOURISM(Terminated)\(^{175}\)
CONCENTRATION IN TOURISM AND SPORT\(^{176}\)

DECISION NEUROSCIENCE

DEGREE

Doctor of Philosophy

\(^{164}\) Established by Board action on December 12, 2005. First enroll Fall 2006.
\(^{165}\) Established by Board action on May 14, 2013. First enroll Fall 2013.
\(^{166}\) Established by Board action on December 11, 2018. First enroll Fall 2019.
\(^{167}\) Established by Board action on December 19, 2005. First Enroll Fall 2018.
\(^{168}\) Established by Board action on October 14, 2008. First Enroll Fall 2009
\(^{169}\) Terminated by Board action on October 14, 2008. Last enroll Spring 2009, last graduate Spring 2014.
\(^{170}\) Established by Board action on May 14, 2013. First Enroll Fall 2013.
\(^{171}\) Established by Board action on October 13, 2009. First Enroll Fall 2010.
\(^{172}\) Established by Board action on May 1, 2018. First Enroll Fall 2018.
\(^{173}\) Established by Board action on October 14, 2008. First Enroll Fall 2009.
\(^{174}\) Terminated (renamed, see above footnote) by Board action on October 14, 2008. Last Enroll Spring 2009, last graduate Spring 2014.
\(^{175}\) Terminated by Board action on March 11, 2008. Last Enroll Spring 2008, last graduate Spring 2014.
\(^{176}\) Established by Board action on March 11, 2008. First Enroll Fall 2008
\(^{177}\) Established by Board action on May 12, 2015. First Enroll Fall 2015.
CERTIFICATE OR DIPLOMA

PROGRAM

ENTREPRENEURSHIP

ENTREPRENEURSHIP AND INNOVATION MANAGEMENT LEADERSHIP

MANAGEMENT INFORMATION SYSTEMS

PEOPLE FIRST

BUSINESS ANALYTICS

BUSINESS ADMINISTRATION

CORPORATE INSTRUCTIONAL DESIGN

COMMERCIALIZATION OF TECHNOLOGICAL INNOVATION

ENTREPRENEURSHIP

ENTREPRENEURSHIP AND TECHNOLOGY COMMERCIALIZATION

DEGREE

Certificate (undergraduate) (terminated)

Certificate (undergraduate)(Terminated)

Certificate (graduate)

Certificate (graduate,)

Certificate (graduate)

Certificate (graduate)

Certificate (graduate)

Certificate (graduate)
<table>
<thead>
<tr>
<th>Program</th>
<th>Certificate (graduate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTHCARE BUSINESS ANALYTICS</td>
<td>195</td>
</tr>
<tr>
<td>HEALTHCARE INNOVATION MANAGEMENT</td>
<td>196</td>
</tr>
<tr>
<td>HUMAN RESOURCE MANAGEMENT</td>
<td>197</td>
</tr>
<tr>
<td>INNOVATION STRATEGY</td>
<td>198</td>
</tr>
<tr>
<td>IT AUDITING AND CYBER SECURITY</td>
<td>199</td>
</tr>
<tr>
<td>MANAGEMENT CONSULTING</td>
<td>200</td>
</tr>
<tr>
<td>POST-MBA:</td>
<td>201</td>
</tr>
<tr>
<td>ACCOUNTING AND FINANCIAL MANAGEMENT</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>ACTUARIAL SCIENCE</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>BUSINESS MANAGEMENT</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>FINANCE</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>GENERAL AND STRATEGIC MANAGEMENT</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>HEALTHCARE MANAGEMENT</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>HUMAN RESOURCE MANAGEMENT</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>INTERNATIONAL BUSINESS MANAGEMENT</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>MANAGEMENT INFORMATION SYSTEMS</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>MARKETING</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>RISK MANAGEMENT</td>
<td>Certificate (graduate)</td>
</tr>
</tbody>
</table>

---

196 Established by Presidential action; reported to the Board on July 17, 2014. First enroll Fall 2014.
200 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 Medicine²⁰²</td>
</tr>
<tr>
<td>DENTISTRY (Advanced Standing Program) (Terminated)</td>
<td>Doctor of Dental Medicine²⁰³</td>
</tr>
<tr>
<td>DENTISTRY (Post-Dental Program for Foreign Trained Dentists)</td>
<td>Doctor of Dental Medicine²⁰⁴</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)²⁰⁵</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>

²⁰² Re-established by Board action on March 8, 2005.
²⁰⁵ Established by Presidential action on October 8, 2013. First enroll Summer 2014.
EDUCATION, COLLEGE OF

BACHELOR'S LEVEL

PROGRAM (Degree and Minors)

ADULT AND ORGANIZATIONAL DEVELOPMENT

APPLIED COMMUNICATIONS

HUMAN DEVELOPMENT AND COMMUNITY ENGAGEMENT
CONCENTRATION COMMUNITY EDUCATION
CONCENTRATION IN NON-PROFIT AND SOCIAL ENTREPRENEURSHIP
CONCENTRATION IN HUMAN SERVICES
CONCENTRATION IN APPLIED BEHAVIOR ANALYSIS
OPTIONAL CONCENTRATION IN POLICY AND ADVOCACY (terminated)
OPTIONAL CONCENTRATION IN PARENT AND COMMUNITY SERVICES (terminated)
OPTIONAL CONCENTRATION IN ENGLISH LANGUAGE LEARNERS (terminated)
OPTIONAL CONCENTRATION IN EDUCATION AT CULTURAL INSTITUTIONS AND IN COMMUNITY PROGRAMS (terminated)

KINESIOLOGY

EARLY CHILDHOOD-ELEMENTARY EDUCATION (PreK-4)
OPTIONAL CONCENTRATION IN SPECIAL EDUCATION

ELEMENTARY EDUCATION
CONCENTRATION IN SPECIAL EDUCATION
CONCENTRATION IN EARLY CHILDHOOD EDUCATION
CONCENTRATION IN MIDDLE SCHOOL EDUCATION

DEGREE

Bachelor of Arts, Minor
Bachelor of Arts (Terminated-renamed)
Bachelor of Science, Minor

Bachelor of Science (Transferred)
Bachelor of Science in Education
Bachelor of Science in Education (Terminated)

---

208 Established by Board action on May 12, 2015. First enroll Fall 2015.
209 Renamed by Board action on December 11, 2018 from Community Based Education to Community Education. First enroll Fall 2019.
210 Established by Board action on May 12, 2015. First enroll Fall 2015.
211 Renamed by Board action on December 11, 2018 from Non-profit Organization and Advocacy to Non-profit and Social Entrepreneurship. First enroll Fall 2019.
212 Renamed by Board action on December 11, 2018 from Childhood and Mental Health to Human Services. First enroll Fall 2019.
213 Established by Board action on December 11, 2018. First enroll Fall 2019.
214 Terminated (renamed) by Board action on May 12, 2015. Effective Spring 2015 (no students enrolled)
215 Terminated (renamed) by Board action on May 12, 2015. Last enroll Spring 2015, last graduate Spring 2019.
216 Terminated (renamed) by Board action on May 12, 2015. Effective Spring 2015 (no students enrolled)
217 Terminated (renamed) by Board action on May 12, 2015. Last enroll Spring 2015, last graduate Spring 2019
218 Established by Board action on May 13, 2014. First enroll Fall 2014.
219 Established by Board action on December 11, 2018. First enroll Fall 2019.
220 Transferred to the College of Health Professions by Board action on May 10, 2005. Last graduate from the College of Education August 2005.
221 Established by Board action on May 14, 2013. First enroll Fall 2013.
CAREER AND TECHNICAL EDUCATION
CONCENTRATION IN BUSINESS, COMPUTER AND INFORMATION TECHNOLOGY EDUCATION
CONCENTRATION IN BUSINESS EDUCATION (terminated – renamed)
CONCENTRATION IN INDUSTRIAL EDUCATION
CONCENTRATION IN MARKETING EDUCATION
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

MASTER’S LEVEL

PROGRAM
ACCOMPLISHED TEACHING
APPLIED BEHAVIOR ANALYSIS
APPLIED COMMUNICATIONS
ADULT & ORGANIZATIONAL DEVELOPMENT

DEGREE
Master of Science in Education
Master of Science in Education
Master of Education

---

224 Established by Board action on June 20, 2013. First enroll Fall 2013.
225 Terminated (renamed) by Board action on June 20, 2013.
226 Established by Board action (single concentrations only) on March 11, 2015. First enroll Fall 2015.
227 Established by Board action on June 19, 2009. First enroll Fall 2010
228 Established by Board action on May 12, 2015. First enroll Fall 2015.
229 Established by Board action on May 12, 2015. First enroll Fall 2015.
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
CONCENTRATION IN MENTAL HEALTH COUNSELING
CONCENTRATION IN SCHOOL COUNSELING

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)

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

231 Established by Board action on October 11, 2011. Effective Fall 2011.
232 Established by Board action on May 12, 2015. First enroll Fall 2015.
233 Established (concentration only) by Board action on December 11, 2018. First enroll Fall 2019.
234 Established (concentration only) by Board action on December 11, 2018. First enroll Fall 2019.
236 Established by Board action on March 5, 2013. First enroll Fall 2013.
238 Terminated (renamed degree) by Board action on March 12, 2012. Last admit spring 2012, last graduate Spring 2016.
239 Established by Board action on October 14, 2014. First enroll Spring 2015.
240 Established by Board action on October 14, 2014. First enroll Spring 2015.
244 Terminated (Concentration in Special Education) by Board action on June 17, 2010. Last admit Fall 2010, last graduate August 2012.
245 Terminated by Board action on October 11, 2011. Students to be moved to new programs to be consistent with state teacher certification requirements.
HIGHER EDUCATION
CONCENTRATION IN ACCESS AND SUCCESS
CONCENTRATION IN INSTITUTIONAL EFFECTIVENESS
CONCENTRATION IN STUDENT AFFAIRS LEADERSHIP

Master of Education\textsuperscript{246}

KINESIOLOGY

Master of Education (Transferred)\textsuperscript{247}

MIDDLE GRADES EDUCATION
CONCENTRATION IN LANGUAGE ARTS
CONCENTRATION IN MATHEMATICS
CONCENTRATION IN SCIENCE
CONCENTRATION IN SOCIAL STUDIES\textsuperscript{248}
CONCENTRATION IN MATHEMATICS AND LANGUAGE ARTS
CONCENTRATION IN SCIENCE AND LANGUAGE ARTS
CONCENTRATION IN MATHEMATICS AND SCIENCE

Master of Education\textsuperscript{249}

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 MATHEMATICS AND SCIENCE
CONCENTRATION IN SCIENCE AND LANGUAGE ARTS

Master of Education\textsuperscript{250}

SCHOOL LEADERSHIP
CONCENTRATION IN CURRICULUM SUPERVISION
CONCENTRATION IN PRINCIPAL LEADERSHIP
CONCENTRATION IN REFORM AND CHANGE LEADERSHIP\textsuperscript{251}
OPTIONAL CONCENTRATION IN URBAN EDUCATION\textsuperscript{252}
(terminated)

Master of Education\textsuperscript{253}

SCHOOL PSYCHOLOGY

Master of Education

SECONDARY EDUCATION
CONCENTRATION IN ENGLISH EDUCATION
CONCENTRATION IN MATHEMATICS EDUCATION
CONCENTRATION IN SCIENCE EDUCATION\textsuperscript{254}
CONCENTRATION IN SOCIAL STUDIES EDUCATION
CONCENTRATION IN WORLD/FOREIGN LANGUAGES EDUCATION

Master of Education\textsuperscript{255}

SPECIAL EDUCATION
CONCENTRATION IN AUTISM SPECTRUM DISORDERS\textsuperscript{256}
CONCENTRATION IN APPLIED BEHAVIORAL ANALYSIS/AUTISM

Master of Education\textsuperscript{257}

\textsuperscript{246} Established by Board action on December 8, 2015. First enroll Summer 2016.
\textsuperscript{247} Transferred to the College of Health Professions by Board action on May 10, 2005. Last graduate from the College of Education August 2005.
\textsuperscript{248} Established by Board action on March 11, 2015 (single concentrations only). First enroll Fall 2015.
\textsuperscript{249} Established by Board action on October 11, 2011. Effective Fall 2011.
\textsuperscript{250} Established by Board action on March 14, 2017. First enroll Fall 2017.
\textsuperscript{251} Established by Board action on May 10, 2016. First enroll Fall 2016.
\textsuperscript{252} Terminated by Board action (concentration only) on May 10, 2016. Last enroll spring 2016, last graduate spring 2021.
\textsuperscript{253} Established by Board action on December 8, 2015. First enroll Summer 2016.
\textsuperscript{254} Not currently admitting students. Effective Fall 2013.
\textsuperscript{255} Established by Board action on October 11, 2011. Effective Fall 2011.
\textsuperscript{256} Established by Board action on May 12, 2015. First enroll Fall 2015.
\textsuperscript{257} Established by Board action on June 17, 2010. First enroll Fall 2011.
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

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 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)

Master of Education

Master of Science in Education

Master of Education

Master of Science in Education (terminated)

---

257 Terminated (renamed) by Board action on May 12, 2015. Last enroll Spring 2015.
259 Established by Board action on May 10, 2016. First enroll Fall 2016.
261 Established by Board action on May 12, 2015. First enroll Fall 2015.
262 Established by Board action on December 19, 2017. First enroll Summer I 2018.
263 Established by Board action on May 10, 2016. First enroll Fall 2016.
273 Terminated (renamed degree) by Board action on March 5, 2013. Last admit Spring 2013. Last graduate Spring 2016.
**POST-MASTER’S LEVEL**

SCHOOL PSYCHOLOGY

**DOCTORAL LEVEL**

**PROGRAM**

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

EDUCATION
- CONCENTRATION IN ADULT & ORGANIZATIONAL DEVELOPMENT (Terminated) 276
- CONCENTRATION IN APPLIED LINGUISTICS
- CONCENTRATION IN EDUCATIONAL PSYCHOLOGY
- CONCENTRATION IN LITERACY AND LEARNERS
- CONCENTRATION IN SCIENCE, MATHEMATICS, AND EDUCATIONAL TECHNOLOGY 277
- CONCENTRATION IN SPECIAL EDUCATION
- CONCENTRATION IN URBAN EDUCATION (Terminated) 278

EDUCATIONAL ADMINISTRATION

EDUCATIONAL LEADERSHIP
- CONCENTRATION IN K-12 (Terminated) 281
- 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

**DEGREE**

Doctor of Education (Terminated) 275

Doctor of Philosophy 279

Doctor of Education (Terminated) 280

Doctor of Education 282

Doctor of Philosophy

Doctor of Philosophy (Terminated) 283

Doctor of Philosophy 284

Doctor of Philosophy

Doctor of Philosophy (Terminated) 286

---

275 Terminated by Board action on March 12, 2012. Last admit Fall 2012, last graduate Spring 2018.
276 Terminated by Board action on October 10, 2017. No students in concentration. Last enroll Fall 2017.
277 Renamed from Concentration in Mathematics and Science in Education to Concentration in Science, Mathematics, and Educational Technology. Effective Fall 2018.
278 Terminated by Board action on October 10, 2017. Last admit Spring 2018, last graduate Spring 2023.
279 Established by Board action on March 12, 2012. First enroll Fall 2012.
280 Terminated (renamed degree) by Board action on March 12, 2012. Last admit spring 2012, last graduate Spring 2018.
281 Terminated (concentrations only) by Board action on October 12, 2016. Last enroll spring 2017, last graduate spring 2022.
283 Terminated by Board action on March 12, 2012. Last admit Fall 2012, last graduate Spring 2018.
284 Established by Board action on October 12, 2016. First enroll Fall 2017.
285 Established (degree and concentrations) by Board action on October 10, 2017. First enroll Spring 2018.
286 Terminated by Board action on March 12, 2012. Last admit Fall 2012, last graduate Spring 2018.
KINESIOLOGY

DEGREE

Doctor of Philosophy (Transferred)\textsuperscript{287}

CERTIFICATE OR DIPLOMA

PROGRAM

APPLIED BEHAVIOR ANALYSIS
AUTISM ENDORSEMENT
COLLEGE ACCESS AND SUCCESS
CONFLICT PROCESS
ENGLISH AS A SECOND LANGUAGE
ENGLISH AS A SECOND LANGUAGE
CAREER AND TECHNICAL EDUCATION/K-12
INSTRUCTIONAL COACHING ENDORSEMENT
DATA-DRIVEN DECISION MAKING
DIGITAL EDUCATION LEADERSHIP
DISABILITY STUDIES
DIVERSITY AND INCLUSION
DIVERSITY LEADERSHIP
ENGLISH EDUCATION/7-12
ENGLISH LANGUAGE TEACHING
INSTITUTIONAL EFFECTIVENESS
INSTRUCTIONAL LEARNING TECHNOLOGY

\begin{itemize}
  \item Certificate (graduate\textsuperscript{288}, undergraduate\textsuperscript{289})
  \item Certificate\textsuperscript{290} (graduate)
  \item Certificate\textsuperscript{291} (graduate)
  \item Certificate\textsuperscript{292} (graduate)
  \item Certificate\textsuperscript{293} (undergraduate)
  \item Certificate\textsuperscript{294} (graduate)
  \item Certificate\textsuperscript{295} (graduate)
  \item Certificate\textsuperscript{296} (graduate)
  \item Certificate\textsuperscript{297} (graduate)
  \item Certificate\textsuperscript{298} (graduate)
  \item Certificate\textsuperscript{299} (graduate)
  \item Certificate\textsuperscript{300} (undergraduate)
  \item Certificate\textsuperscript{301} (graduate)
  \item Certificate\textsuperscript{302} (graduate)
  \item Certificate\textsuperscript{303} (graduate, undergraduate\textsuperscript{304})
  \item Certificate\textsuperscript{305} (graduate)
  \item Certificate\textsuperscript{306} (graduate)
\end{itemize}

\textsuperscript{287} Transferred to the College of Health Professions by Board action on May 10, 2005. Last graduate from the College of Education August 2005.

\textsuperscript{288} Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.

\textsuperscript{289} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{290} Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.

\textsuperscript{291} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{292} Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.

\textsuperscript{293} Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.

\textsuperscript{294} Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.

\textsuperscript{295} Established by Presidential action; reported to the Board on May 8, 2012. First enroll Fall 2012.

\textsuperscript{296} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{297} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{298} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{299} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{300} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{301} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{302} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{303} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{304} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{305} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{306} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{307} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{308} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{309} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{310} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{311} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{312} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{313} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.

\textsuperscript{314} Established by Presidential action; reported to the Board on December 11, 2018. First enroll Fall 2019.
LEADERSHIP AND MILITARY SCIENCE
Certificate

LEADING AND LEARNING IN URBAN SCHOOLS (terminated)
Certificate

MATHEMATICS EDUCATION/7-12
Certificate

MIDDLE GRADES EDUCATION/4-8
Certificate

SCIENCE EDUCATION/7-12
Certificate

SOCIAL STUDIES EDUCATION/7-12
Certificate

STUDENT AFFAIRS LEADERSHIP
Certificate

TEACHING IN HIGHER EDUCATION
Certificate

TRAINING AND ORGANIZATIONAL DEVELOPMENT
Certificate

URBAN EDUCATION
Certificate

WORLD/FOREIGN LANGUAGES EDUCATION/K-12
Certificate

---

307 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.
308 Terminated (renamed) by Presidential action; reported to the Board on May 12, 2015.
309 Established by Presidential action; reported to the Board on June 20, 2013. First enroll Fall 2013.
310 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
311 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
312 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
313 Established by Presidential action; reported to the Board on October 11, 2011. First enroll Fall 2011. Not open for enrollment.
314 Established by Presidential action; reported to the Board on December 8, 2015. First enroll Summer 2016.
315 Established by Presidential action; reported to the Board on June 18, 2009. First enroll Spring 2010.
316 Established by Presidential action; reported to the Board on July 17, 2014. First enroll Fall 2014.
317 Established by Presidential action, reported to the Board on May 12, 2015. First enroll Fall 2015.
318 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

PROGRAM (Degree and Minors)

ENVIRONMENTAL SCIENCE
MATERIALS SCIENCE
BIOENGINEERING
CIVIL & CONSTRUCTION ENGINEERING TECHNOLOGY
CONSTRUCTION ENGINEERING TECHNOLOGY
OPTIONAL COOPERATIVE EDUCATION PROGRAM

ENGINEERING TECHNOLOGY
GENERAL TECHNOLOGY TRACK
CONSTRUCTION TECHNOLOGY TRACK
ENVIRONMENTAL TECHNOLOGY TRACK
COMPUTER TECHNOLOGY TRACK
MECHANICAL/MANUFACTURING TECHNOLOGY TRACK
MECHATRONICS TECHNOLOGY TRACK
ENERGY TECHNOLOGY TRACK
OPTIONAL COOPERATIVE EDUCATION PROGRAM

ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL ENGINEERING TECHNOLOGY
CIVIL ENGINEERING
OPTIONAL COOPERATIVE EDUCATION PROGRAM

DEGREE

Bachelor of Science (Terminated) 319
Bachelor of Science (Terminated) 320
Bachelor of Science in Bioengineering 321
Bachelor of Science in Engineering Technology (Terminated) 322
Bachelor of Science in Construction Engineering Technology 325 326
Bachelor of Science in Engineering 327
Bachelor of Science in Engineering Technology

321 Established by Board action on March 5, 2013. First enroll Fall 2013.
324 Established by Board action on December 9, 2008. First enroll Fall 2009.
326 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.
328 Established by Board action on December 14, 2004.
329 Established by Board action on December 14, 2004.
330 Established by Board action on December 14, 2004.
331 Established by Board action on December 14, 2004. (Note: This track only offered at Lehigh Carbon Community College.)
332 Established by Board action on December 14, 2004.
333 Established by Board action on October 11, 2005. First enroll Fall 2006.
334 Established by Board action on October 11, 2005. First enroll Fall 2006.
335 Established by Board action on March 11, 2015. First enroll Fall 2015.
337 Established by Board action on October 11, 2005. First enroll Fall 2006.
OPTIONAL CONCENTRATION IN ENVIRONMENTAL ENGINEERING

ELECTRICAL ENGINEERING
- OPTIONAL CONCENTRATION IN BIOELECTRICAL ENGINEERING
- OPTIONAL CONCENTRATION IN COMPUTER ENGINEERING
- OPTIONAL COOPERATIVE EDUCATION PROGRAM

INDUSTRIAL AND SYSTEMS ENGINEERING

MECHANICAL ENGINEERING
- OPTIONAL CONCENTRATION IN BIOMECHANICS (terminated)
- OPTIONAL CONCENTRATION IN BIOENGINEERING (terminated)
- OPTIONAL CONCENTRATION IN ENERGY SYSTEMS (terminated)
- OPTIONAL COOPERATIVE EDUCATION PROGRAM

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

Bachelor of Science in Electrical Engineering
Bachelor of Science in Industrial and Systems Engineering
Bachelor of Science in Mechanical Engineering

DEGREE

Master of Science
Master of Engineering Technology Management
Master of Science in Bioengineering
Master of Science in Civil Engineering
Master of Science in Electrical Engineering
Master of Science in Environmental Engineering

Established by Board action on December 14, 2004.
Established by Board action on October 11, 2005. First enroll Fall 2006.
Established by Board action on March 12, 2018. First enroll Fall 2018.
Established by Board action on October 14, 2014. First enroll Fall 2014.
Terminated by Board action (concentration only) on October 13, 2015. Last enroll Spring 2016, last graduate Spring 2021.
Established by Board action on December 9, 2008. First enroll Fall 2009.
Terminated (renamed) by Board action on October 14, 2014. Last enroll Spring 2014, last graduate Spring 2020.
Established by Board action on December 9, 2008. First enroll Fall 2009.
Terminated (concentration only) by Board action on May 12, 2015. Last enroll Spring 2015, last graduate Spring 2019.
Established by Board action on October 11, 2005. First enroll Fall 2006.
Established by Board action on October 8, 2013. First enroll Spring 2014.
Established by Board action on March 15, 2016. First enroll Fall 2016.
Established by Board action on May 12, 2009. First enroll Fall 2009
Established by Board action on May 12, 2009. First enroll Fall 2009
Established by Board action on May 12, 2009. First enroll Fall 2009
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

Doctor of Philosophy

CIVIL ENGINEERING

Doctor of Philosophy

ELECTRICAL ENGINEERING

Doctor of Philosophy

ENGINEERING

Doctor of Philosophy (Terminated)

ENVIRONMENTAL ENGINEERING

Doctor of Philosophy

MECHANICAL ENGINEERING

DOCTORAL LEVEL

DEGREE

ENGINEERING

Doctor of Philosophy

CERTIFICATE

PROGRAM

COMPUTER AND SYSTEMS SECURITY

Certificate (graduate)

ENGINEERING MANAGEMENT

Certificate (graduate)

STORMWATER MANAGEMENT

Certificate

355 Established by Board action on May 12, 2009. First enroll Fall 2009
356 Terminated by Board action on May 12, 2009. Last admit Spring 2009, last graduate Spring 2014
357 Terminated by Board action on May 12, 2009. Last admit Spring 2009, last graduate Spring 2014
358 Terminated by Board action on May 12, 2009. Last admit Spring 2009, last graduate Spring 2014
360 Established by Board action on May 12, 2015. First enroll Fall 2015.
361 Established by Board action on May 12, 2015. First enroll Fall 2015.
362 Established by Board action on May 12, 2015. First enroll Fall 2015.
363 Terminated by Board action on October 9, 2018. Last admit Fall 2018, last graduate Spring 2026.
364 Established by Board action on May 12, 2015. First enroll Fall 2015.
365 Established by Board action on May 12, 2015. First enroll Fall 2015.
366 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
Master of Laws
Master of Laws in Trial Advocacy
Master of Science

GRADUATE LEVEL

PROGRAM

LAW

DEGREE

Doctor of Juridical Science

PROFESSIONAL LEVEL

PROGRAM

LAW

DEGREE

Juris Doctor

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)

369 Established by Board action on May 14, 2013. First enroll Fall 2013.
370 Established by Board action on October 11, 2011. Effective Fall 2011.
371 Established by Board action on May 12, 2015. First enroll Fall 2015.
373 Established by Presidential action on October 11, 2011. Effective Fall 2011.
375 Established by Presidential action on October 11, 2011. Effective Fall 2011.
376 Established by Presidential action on October 11, 2011. Effective Fall 2011.
377 Established by Presidential action on October 11, 2011. Effective Fall 2011.
378 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 (Terminated)
Bachelor of Arts 384, Minor
Bachelor of Arts
Bachelor of Arts, Minor
Bachelor of Arts, Minor
Bachelor of Arts, Minor
Bachelor of Arts (Active in Japan)
Bachelor of Arts, Minor
Bachelor of Arts 388, Minor

379 Renamed from Bachelor of Arts in African American Studies to Bachelor of Arts in Africology and African American Studies. Effective Fall 2016.
380 Terminated by Board action on December 12, 2006. Last enroll Spring 2007, last graduate Spring 2012.
381 Established by Board action on May 10, 2011. First enroll Fall 2011.
382 Established by Board action (Minor in Anthropology: Human Biology) on December 13, 2016. First enroll Fall 2017.
384 Established by Board action on May 10, 2016. First enroll Fall 2016.
385 Established by Board action on October 9, 2007. First enroll Fall 2008.
386 Established by Board action on June 21, 2012, First enroll Fall 2012.
387 Renamed German Language and Cultural Studies from German by Board action on May 1, 2018. Effective Fall 2018.
388 Established by Board action on July 17, 2014. First enroll Fall 2014.
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
SOCIOLGY
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

Bachelor of Arts (Terminated)\textsuperscript{389}
Bachelor of Arts, Minor
Bachelor of Arts
Bachelor of Arts\textsuperscript{390}, Minor
Bachelor of Arts (Active in Japan)\textsuperscript{391}
Bachelor of Arts, Minor
Bachelor of Arts (Active in Japan)\textsuperscript{392}, Minor
Bachelor of Arts, Minor
Bachelor of Arts\textsuperscript{394}
Bachelor of Arts
Bachelor of Arts (Terminated)\textsuperscript{395}
Bachelor of Arts, Minor
Bachelor of Arts, Minor
Bachelor of Arts, Minor
Bachelor of Arts (Active in Japan)\textsuperscript{396}, Minor
Bachelor of Arts, Minor
Bachelor of Arts (Terminated)\textsuperscript{397}
Bachelor of Arts, Minor
Bachelor of Arts
Bachelor of Arts (Terminated)\textsuperscript{399}
Bachelor of Science
Bachelor of Science (Active in Japan)\textsuperscript{400}
Bachelor of Science \textsuperscript{401}

\textsuperscript{389} Terminated by Board action on June 21, 2012. Last enroll Fall 2012, last graduate Spring 2017.
\textsuperscript{390} Established by Board action on May 1, 2018. First enroll Fall 2018.
\textsuperscript{391} Established by Board action on October 14, 2003. First enroll Fall 2004.
\textsuperscript{392} Established by Board action on June 17, 2010. First enroll Fall 2010
\textsuperscript{393} Program placed in abeyance effective Spring 2019.
\textsuperscript{394} Established by Board action on March 11, 2015. First enroll Fall 2015.
\textsuperscript{395} Terminated by Board action on December 14, 2004. Last admit Spring 2005, last graduate Spring 2010.
\textsuperscript{396} Established by Board action on June 19, 2003. First enroll Fall 2004.
\textsuperscript{397} Terminated by Board action on June 21, 2012. Last enroll Fall 2012, last graduate Spring 2017.
\textsuperscript{398} Renamed from Bachelor of Arts in Women’s Studies to Bachelor of Arts in Gender, Sexuality and Women’s Studies. Effective Fall 2016.
\textsuperscript{399} Terminated by Board action on June 19, 2008. Last enroll Spring 2008, last graduate Spring 2013.
\textsuperscript{400} Transferred to the College of Liberal Arts by Board action on May 8, 2012. Effective fall 2012
\textsuperscript{401} Established by Board action on May 13, 2008. First enroll Fall 2008
\textsuperscript{402} Established by Board action on December 13, 2016. First enroll Fall 2017
ARABIC Minor
CLASSICAL LANGUAGES AND LITERATURE Minor
CLINICAL AND HEALTH PSYCHOLOGY Minor
COGNITIVE NEUROSCIENCE Minor
LESBIAN, GAY, BISEXUAL AND TRANSGENDER STUDIES Minor
NEUROSCIENCE RESEARCH Minor
PORTUGUESE Minor
SOCIOLOGY OF HEALTH Minor
VISUAL ANTHROPOLOGY Minor

MASTER'S LEVEL

PROGRAM

AFRICOLOGY AND AFRICAN-AMERICAN STUDIES 403
ANTHROPOLOGY
CREATIVE WRITING
CRIMINAL JUSTICE
CRIMINAL JUSTICE (Executive Program)
DECISION NEUROSCIENCE
ECONOMICS
  OPTIONAL CONCENTRATION IN ECONOMETRICS 408
  OPTIONAL CONCENTRATION IN HEALTH ECONOMICS
  OPTIONAL CONCENTRATION IN INTERNATIONAL ECONOMICS
  OPTIONAL CONCENTRATION IN LABOR
  OPTIONAL CONCENTRATION IN QUANTITATIVE MACROECONOMICS
ENGLISH/CREATIVE WRITING
ENGLISH
GEOGRAPHY
GEOGRAPHY AND URBAN STUDIES
HISTORY
  OPTIONAL CONCENTRATION IN PUBLIC HISTORY 413

DEGREE

Master of Arts
Master of Arts
Master of Fine Arts 404
Master of Arts
Master of Arts 405 (Terminated) 406
Master of Science 407
Master of Arts 409

403 Renamed from Master of Arts in African American Studies to Master of Arts in Africology and African American Studies. Effective Fall 2016.
404 Established by Board action on June 17, 2010. First enroll Fall 2010.
405 Established by Board action on October 11, 2005. First enroll Fall 2006.
406 Terminated by Board action on March 1, 2011. Effective Spring 2011. There are no currently enrolled students.
407 Established by Board action on October 13, 2015. First enroll Fall 2015.
408 Established by Board action (optional concentrations only) on October 13, 2015. First enroll Fall 2015.
409 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.
410 Terminated (Master of Arts in Creative Writing) by Board action on June 17, 2010. Last enroll Spring 2010. Last graduate Spring 2013.
413 Established by Board action on June 18, 2008. First enroll Fall 2009.
NEUROSCIENCE: SYSTEMS, BEHAVIOR AND PLASTICITY
PHILOSOPHY
POLITICAL SCIENCE
PSYCHOLOGICAL RESEARCH
PSYCHOLOGY
PSYCHOLOGY/CLINICAL
PSYCHOLOGY/DEVELOPMENTAL
PSYCHOLOGY/EXPERIMENTAL
PSYCHOLOGY/SOCIAL
PUBLIC POLICY
RELIGION
SOCIOLGY
SPANISH
URBAN STUDIES
LIBERAL ARTS
APPLIED SOCIOLOGY
GEOGRAPHIC INFORMATION SYSTEMS

DOCTORAL LEVEL

PROGRAM

AFRICOLOGY AND AFRICAN-AMERICAN STUDIES
ANTHROPOLOGY
   OPTIONAL CONCENTRATION IN URBAN STUDIES (Terminated)426
CRIMINAL JUSTICE
DECISION NEUROSCIENCE
ECONOMICS
ENGLISH

DEGREE

Doctor of Philosophy425
Doctor of Philosophy
Doctor of Philosophy
Doctor of Philosophy

414 Established by Board action on May 10, 2016. First enroll Fall 2016.
415 Established by Board action on December 8, 2015. First enroll Fall 2016.
416 Established by Board action on May 12, 2015. First enroll Fall 2016.
426 Terminated (optional concentration only) by Board action on March 1, 2008. Effective Spring 2011. No students enrolled.
427 Established by Board action on October 13, 2015. First enroll Fall 2015.
428 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)
PSYCHOLOGY
PSYCHOLOGY/CLINICAL
PSYCHOLOGY/COGNITIVE
PSYCHOLOGY/DEVELOPMENTAL
PSYCHOLOGY/EXPERIMENTAL
PSYCHOLOGY/NEUROSCIENCE
PSYCHOLOGY/SOCIAL
RELIGION
SOCIOLOGY
  OPTIONAL CONCENTRATION IN URBAN STUDIES (Terminated)
SPANISH
URBAN STUDIES

Doctor of Philosophy

CERTIFICATE

PROGRAM

ARABIC
CRIME SCIENCE
ETHICS

DEGREE

Certificate (undergraduate)
Certificate (graduate)
Certificate

429 Established by Board action on May 14, 2013. First enroll Fall 2013.
430 Terminated (optional concentration only) by Board action on March 1, 2008. Effective Spring 2011. No students enrolled.
437 Terminated (optional concentration only) by Board action on March 1, 2008. Effective Spring 2011. No students enrolled.
439 Terminated by Board action on May 14, 2013. Last admit Spring 2013, last graduate Spring 2018.
441 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
442 Established by Presidential action on December 8, 2015. First enroll Fall 2016.
<table>
<thead>
<tr>
<th>Certificate</th>
<th>Undergraduate and Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENDER, SEXUALITY AND WOMEN’S STUDIES 443</td>
<td></td>
</tr>
<tr>
<td>GEOGRAPHIC INFORMATION SYSTEMS</td>
<td></td>
</tr>
<tr>
<td>ITALIAN</td>
<td></td>
</tr>
<tr>
<td>JEWISH SECULAR STUDIES</td>
<td></td>
</tr>
<tr>
<td>LANGUAGE AND CROSS-CULTURAL COMMUNICATION</td>
<td></td>
</tr>
<tr>
<td>NEUROSCIENCE</td>
<td></td>
</tr>
<tr>
<td>POLICE LEADERSHIP</td>
<td></td>
</tr>
<tr>
<td>SOCIAL SCIENCE RESEARCH</td>
<td></td>
</tr>
<tr>
<td>SPANISH FOR HEALTH PROFESSIONS</td>
<td></td>
</tr>
<tr>
<td>SPORTS AND SOCIETY</td>
<td></td>
</tr>
</tbody>
</table>

443 Renamed from Certificate in Women’s Studies to Certificate in Gender, Sexuality and Women’s Studies. Effective Fall 2016.
445 Established by Presidential action; reported to the Board on March 11, 2015. First enroll Fall 2015.
446 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.
447 Established by Presidential action on October 11, 2005. First enroll Fall 2006.
448 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.
450 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
452 Established by Presidential action on October 9, 2018. First enroll Spring 2019.
MEDIA AND COMMUNICATION, LEW KLEIN COLLEGE OF
(formerly School of Media and Communication)\textsuperscript{454}
(formerly School of Communications and Theater)\textsuperscript{455}

\textbf{BACHELOR’S LEVEL}

\textbf{PROGRAM (Degree and Minors)}

\textbf{ADVERTISING}
CONCENTRATION IN ACCOUNT MANAGEMENT
CONCENTRATION IN ART DIRECTION
CONCENTRATION IN COPYWRITING
CONCENTRATION IN MEDIA PLANNING
CONCENTRATION IN BRAND STRATEGY AND RESEARCH\textsuperscript{456,457}
OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION\textsuperscript{458}

\textbf{AMERICAN CULTURE & MEDIA ARTS}

\textbf{BROADCASTING, TELECOMMUNICATIONS & MASS MEDIA}
TRACK IN MEDIA PRODUCTION\textsuperscript{461}
TRACK IN MEDIA BUSINESS AND ENTREPRENEURSHIP
TRACK IN MEDIA ANALYSIS
TRACK IN EMERGENT MEDIA

\textbf{COMMUNICATIONS}

COMMUNICATION AND SOCIAL INFLUENCE
OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION

\textbf{COMMUNICATION STUDIES}
TRACK IN POLICY, REGULATION AND ADVOCACY
TRACK IN CONTEMPORARY MEDIA ENVIRONMENTS
TRACK IN GLOBAL CIVIL SOCIETY
TRACK IN COMMUNICATION STUDIES THESIS
TRACK IN COMMUNICATION AND ENTREPRENEURSHIP\textsuperscript{465}
TRACK IN PRODUCTION (TUJ)\textsuperscript{466}
TRACK IN ARTS IN THE PUBLIC SPHERE\textsuperscript{467} (terminated)
OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION\textsuperscript{468}

\textsuperscript{454} Renamed Lew Klein College of Media and Communication by Board action on March 14, 2017. See policy 01.20.03.
\textsuperscript{455} Renamed School of Media and Communication by Board action on June 21, 2012. See policy 01.20.03.
\textsuperscript{456} Established by Board action (concentrations only) on May 12, 2015. First enroll Fall 2015.
\textsuperscript{457} Renamed from Concentration in Research and Strategy to the Concentration in Brand Strategy and Research on March 14, 2017. First enroll Fall 2017
\textsuperscript{458} Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
\textsuperscript{459} Established by Board action on October 14, 2003. First enroll Fall 2004.
\textsuperscript{460} Terminated by Board action on December 12, 2006. Last enroll Spring 2007, last graduate Spring 2012.
\textsuperscript{461} Established (tracks only) by Board action on June 17, 2010. Tracks to be offered beginning Fall 2011.
\textsuperscript{462} Terminated (Renamed degree) by Board action on June 21, 2012. Last admit Fall 2012, last graduate Spring 2012.
\textsuperscript{463} Terminated by Board action on June 17, 2010. Last enroll Spring 2011, last graduate Spring 2016.
\textsuperscript{464} Established by Board action on March 14, 2017. First enroll Fall 2017.
\textsuperscript{465} Established by Board action (concentration only) on July 17, 2014. First enroll Fall 2014.
\textsuperscript{466} Established by Board action (concentration only) on December 11, 2018. First enroll Fall 2019.
\textsuperscript{467} Terminated by Board action (concentration only) on July 17, 2014. Last enroll Spring 2014, last graduate Spring 2019.
\textsuperscript{468} Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
\textsuperscript{469} Established by Board action on June 17, 2010. First enroll Fall 2011.
FILM AND MEDIA ARTS
Bachelor of Arts (Transferred)470
Bachelor of Arts472

JOURNALISM
OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION471

JOURNALISM, PUBLIC RELATIONS AND ADVERTISING
Bachelor of Arts (Terminated)473
Bachelor of Arts 477

MEDIA STUDIES AND PRODUCTION
TRACK IN MEDIA PRODUCTION474
TRACK IN MEDIA BUSINESS AND ENTREPRENEURSHIP
TRACK IN MEDIA ANALYSIS
TRACK IN EMERGENT MEDIA(Terminated)475
OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION476

PUBLIC RELATIONS
OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION
Bachelor of Arts478

SPEECH COMMUNICATIONS
Bachelor of Arts (Terminated)479
Bachelor of Arts487(Terminated)488

STRATEGIC COMMUNICATION
OPTIONAL CONCENTRATION: PUBLIC COMMUNICATIONS
(terminated-renamed)480
OPTIONAL CONCENTRATION IN INTERNATIONAL COMMUNICATION481(Terminated)482
OPTIONAL CONCENTRATION: ORGANIZATIONAL LEADERSHIP (Terminated)483
OPTIONAL CONCENTRATION: PUBLIC RELATIONS (Terminated)484
OPTIONAL CONCENTRATION: RHETORIC AND PUBLIC ADVOCACY485(Terminated)486

470 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.
471 Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
474 Established (tracks only) by Board action on June 17, 2010. Tracks to be offered beginning Fall 2011.
475 Terminated by Board action (track only) on May 1, 2018. Last admit Spring 2018, last graduate Spring 2022.
476 Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
480 Terminated (Renamed-concentration only) by Board action on June 21, 2012. Last admit Spring 2012, last graduate Spring 2012.
481 Established (optional concentration for all Bachelor of Arts programs) by Board action on June 20, 2013. First enroll Fall 2013.
482 Terminated by Board action on May 2, 2017. Last admit Fall 2017.
483 Terminated by Board action on May 2, 2017. Last admit Fall 2017.
484 Terminated by Board action on May 2, 2017. Last admit Fall 2017.
486 Terminated by Board action on May 2, 2017. Last admit Fall 2017.
488 Terminated by Board action on May 2, 2017. Last admit Fall 2017, last graduate Spring 2023.
STRATEGIC AND ORGANIZATIONAL COMMUNICATIONS
CONCENTRATION: PUBLIC COMMUNICATIONS
CONCENTRATION: ORGANIZATIONAL LEADERSHIP
CONCENTRATION: PUBLIC RELATIONS

THEATER
OPTIONAL CONCENTRATION: ACTING
OPTIONAL CONCENTRATION: DESIGN
OPTIONAL CONCENTRATION: DIRECTING
OPTIONAL CONCENTRATION: MUSICAL THEATER
OPTIONAL CONCENTRATION: THEATER EDUCATION

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

MASTER’S LEVEL
PROGRAM
BROADCASTING, TELECOMMUNICATIONS & MASS MEDIA

COMMUNICATION MANAGEMENT
CONCENTRATION: MEDIA MANAGEMENT,
GOVERNMENT AND SOCIAL POLICY
CONCENTRATION: STRATEGIC AND CORPORATE
COMMUNICATION MANAGEMENT (Terminated concentrations)
CONCENTRATION: STRATEGIC COMMUNICATION AND CROSS-CULTURAL LEADERSHIP
CONCENTRATION: CONFLICT MANAGEMENT AND DISPUTE RESOLUTION

GLOBALIZATION AND DEVELOPMENT COMMUNICATION

DEGREE
Master of Arts (Terminated-renamed)
Master of Science

Established by Board action (four optional concentrations) on March 11, 2008. First enroll Fall 2008.
Established by Board action on May 12, 2009. First enroll Fall 2009.
Established by Board action on March 14, 2012. Last graduate from the School of Communications and Theater August 2012.
Established (Renamed degree) by Board action on June 21, 2012. Last admit Fall 2012, last graduate Spring 2012.
Terminated (concentrations only) by Board action on March 1, 2011. Last admit Spring 2011, last graduate Spring 2016.
Established by Board action on June 20, 2013. First enroll Fall 2014.
<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FILM AND MEDIA ARTS</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>THEATER/ACTING</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>MEDIA STUDIES AND PRODUCTION</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>THEATER/DESIGN</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>THEATER/DIRECTING</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>THEATER/PLAYWRITING</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>JOURNALISM</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>THEATER/DESIGN</td>
<td>Master of Arts</td>
</tr>
<tr>
<td>THEATER/DIRECTING</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>THEATER/PLAYWRITING</td>
<td>Master of Fine Arts (Transferred)</td>
</tr>
<tr>
<td>JOURNALISM</td>
<td>Master of Journalism</td>
</tr>
</tbody>
</table>

### DOCTORAL LEVEL

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASS MEDIA AND COMMUNICATION</td>
<td>Doctor of Philosophy (Terminated – renamed)</td>
</tr>
<tr>
<td>MEDIA AND COMMUNICATION</td>
<td>Doctor of Philosophy</td>
</tr>
</tbody>
</table>

### CERTIFICATE

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONFLICT MANAGEMENT AND DISPUTE RESOLUTION</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>CULTURAL ANALYTICS</td>
<td>Certificate (graduate)</td>
</tr>
<tr>
<td>STRATEGIC COMMUNICATION AND CROSS-CULTURAL LEADERSHIP</td>
<td>Certificate (graduate)</td>
</tr>
</tbody>
</table>

---

504 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.

505 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.

506 Established by Board action (renamed degree) on June 21, 2012. First enroll Fall 2012.

507 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.

508 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.

509 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.

510 Terminated (renamed degree) by Board action on December 11, 2012. Last admit Spring 2013, last graduate Spring 2018.

511 Established by Board action on December 11, 2012. First enroll Fall 2013.


513 Established by Presidential action on December 11, 2018. First enroll Fall 2019.

MEDICINE, LEWIS KATZ SCHOOL OF

MASTER’S LEVEL

PROGRAM

PHYSICIAN ASSISTANT
BIOCHEMISTRY
BIOMEDICAL NEUROSCIENCE
BIOMEDICAL SCIENCES (non-thesis)

BIOMEDICAL SCIENCES (thesis)
CONCENTRATION IN CANCER BIOLOGY AND GENETICS
CONCENTRATION IN INFECTION 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

MICROBIOLOGY/IMMUNOLOGY
MOLECULAR BIOLOGY/ GENETICS
MOLECULAR AND CELLULAR PHYSIOLOGY
PHARMACOLOGY
PHYSIOLOGY
URBAN BIOETHICS

DOCTORAL LEVEL

PROGRAM

ANATOMY
BIOCHEMISTRY

DEGREE

Master of Medical Science 515
Master of Science (terminated) 516
Master of Science 517 (terminated) 518
Master of Science 519
Master of Science 520
Master of Science (terminated) 521
Master of Science (terminated) 522
Master of Science 523 (terminated) 524
Master of Science (terminated) 525
Master of Science (terminated) 526
Master of Science (terminated) 527
Master of Science (terminated) 528
Master of Arts 529
Doctor of Philosophy (terminated) 530
Doctor of Philosophy (terminated) 531

515 Established by Board action on December 9, 2014. First enroll Summer 2016.
516 Terminated by Board action on December 13, 2011. Last enroll Spring 2012, last graduate Spring 2015.
517 Established by Board action on December 13, 2005. First enroll Fall 2006.
519 Established by Board action on December 13, 2011. First enroll Fall 2012.
520 Established by Board action on December 13, 2011. First enroll Fall 2012.
524 Terminated by Board action on December 13, 2011. Last enroll Spring 2012, last graduate Spring 2015.
525 Established by Board action on June 18, 2009. First enroll Fall 2009.
527 Terminated by Board action on December 13, 2011. Last enroll Spring 2012, last graduate Spring 2015.
528 Terminated by Board action on June 18, 2009. Last admit Spring 2009, last graduate Spring 2014.
530 Terminated by Board action on May 12, 2009. Last admit Spring 2009, last graduate Spring 2014.
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)

532 Established by Board action on December 13, 2005. First enroll Fall 2006.
534 Established by Board action on December 13, 2011. First enroll Fall 2012.
535 Terminated by Board action on May 12, 2009. First enroll Fall 2009.
539 Terminated by Board action on June 18, 2009. First enroll Fall 2009.

545 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:

<table>
<thead>
<tr>
<th>Classical Guitar</th>
<th>Trombone</th>
<th>Percussion</th>
<th>Bassoon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trumpet</td>
<td>Clarinet</td>
<td>Double Bass</td>
<td>Flute</td>
</tr>
<tr>
<td>Voice</td>
<td>French Horn</td>
<td>Oboe</td>
<td></td>
</tr>
<tr>
<td>Piano</td>
<td>Violin</td>
<td>Saxophone</td>
<td></td>
</tr>
<tr>
<td>Cello</td>
<td>Viola</td>
<td>Tuba</td>
<td></td>
</tr>
<tr>
<td>Harpsichord</td>
<td>Harp</td>
<td>Euphonium</td>
<td></td>
</tr>
</tbody>
</table>

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 Science

Bachelor of Music

Bachelor of Music

Bachelor of Music

Bachelor of Music

Bachelor of Music

Bachelor of Music

546 Established by Board action (two tracks) on May 11, 2010. First enroll Fall 2010.

547 Terminated by Board action (concentration only) on July 17, 2014. Last enroll Spring 2014, last graduate Spring 2019.

548 Terminated by Board action (concentration only) on July 17, 2014. Last enroll Spring 2014, last graduate Spring 2019.

549 Established by Board action on March 15, 2016. First enroll Fall 2016.
MASTER’S LEVEL

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

CLASSICAL GUITAR  TROMBONE  PERCUSSION  BASSOON
TRUMPET  CLARINET  DOUBLE BASS  FLUTE
VOICE  FRENCH HORN  OBOE
PIANO  VIOLIN  SAXOPHONE
CELLO  VIOLA  TUBA
HARPISHCORD  HARP  EUPHONIUM

PROGRAM

DANCE
DANCE
DANCE
MUSIC
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) 550
Master of Arts 551
Master of Fine Arts
Master of Arts 552
Master of Science 553
Master of Science 554
Master of Music
Master of Music 555
Master of Music 556
Master of Music 557
Master of Music 558
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

552 Established by Board action on May 10, 2016. First enroll Fall 2016.
553 Established by Board action on May 10, 2016. First enroll Fall 2016.
554 Established by Board action on May 2, 2017. First enroll Fall 2017.
555 Established by Board action on October 8, 2013. First enroll Fall 2014.
556 Established by Board action on October 8, 2013. First enroll Fall 2014.
557 Established by Board action on October 8, 2013. First enroll Fall 2014.
558 Established by Board action on March 11, 2015. First enroll Fall 2015.
559 Terminated by Board action on October 8, 2013. Last enroll Spring 2014, last graduate spring 2019.
560 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:

- CLASSICAL GUITAR
- TROMBONE
- PERCUSSION
- BASSOON
- TRUMPET
- CLARINET
- DOUBLE BASS
- FLUTE
- VOICE
- FRENCH HORN
- OBOE
- PIANO
- VIOLIN
- SAXOPHONE
- CELLO
- VIOLA
- TUBA
- HARP
- EUPHONIUM
- HARP
- EUPHONIUM
- EUPHONIUM

**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)
- Doctor of Musical Arts
- Doctor of Philosophy

**CERTIFICATE OR DIPLOMA**

**PROGRAM**

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

**DEGREE**

- Diploma (undergraduate)
- Certificate (graduate)
- Certificate (undergraduate)
- Certificate (undergraduate)
- Certificate (undergraduate)
- Certificate (undergraduate)

---

561 Established by Board action on May 10, 2016. First enroll Fall 2016.
563 Established by Board action on May 14, 2013. First enroll Fall 2014.
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 Bachelor of Fine Arts
OPTIONAL CONCENTRATION IN DIRECTING
OPTIONAL CONCENTRATION IN MEDIA ARTS
OPTIONAL CONCENTRATION IN SCREENWRITING
Bachelor of 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 Fine Arts

MUSICAL THEATER
Bachelor of Fine Arts

THEATER Bachelor of Arts, Minor
OPTIONAL CONCENTRATION: ACTING
OPTIONAL CONCENTRATION: DESIGN AND PRODUCTION
OPTIONAL CONCENTRATION: DIRECTING
OPTIONAL CONCENTRATION: MUSICAL THEATER
OPTIONAL CONCENTRATION: THEATER EDUCATION
(terminated)

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 Fine 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

581 Established by Board action on October 14, 2014. First enroll Fall 2015.
582 Established by Board action (concentrations only) on October 14, 2014. First enroll Fall 2015.
583 Established by Board action on December 8, 2015. First enroll Fall 2016.
584 Established by Board action (four optional concentrations) on March 11, 2008. First enroll Fall 2008.
585 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.
586 Established by Board action on May 12, 2009. First enroll Fall 2009.
587 Terminated by Board action (concentration only) on May 12, 2015. Effective Spring 2015 (no students enrolled).
588 Established by Board action on May 12, 2015. First enroll Fall 2015.
589 Established by Board action on October 13, 2015. First enroll Fall 2016.
590 Established by Board action on October 13, 2015. First enroll Fall 2016.
DOCTORAL LEVEL

PROGRAM

DOCUMENTARY 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)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)

Certificate (undergraduate)
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

PHARMACEUTICAL AND REGULATORY SCIENCES
Master of Science

602 Established by Board action on March 11, 2015. First enroll Fall 2015.
603 Established by Board action on March 11, 2015. First enroll Fall 2015.
604 Established by Board action on October 11, 2005. First enroll Fall 2006.
605 Terminated (renamed) by Board action on March 11, 2015. Last enroll Spring 2015.
606 Established by Board action on March 11, 2015. First enroll Fall 2015.
607 Established Concentration in Regulatory Affairs and Quality Assurance by Board action on October 9, 2018. First enroll Spring 2019.
608 Renamed by Presidential action on December 11, 2018 from Advance Quality Assurance and Regulatory Affairs to Advanced Regulatory Affairs and Quality Assurance. First enroll Fall 2018.
609 Established by Presidential action on October 14, 2014. First enroll Spring 2015.
611 Renamed by Presidential action on October 12, 2016 from Biopharmaceuticals and Generic Drugs to Biosimilars and Generic Drugs.
612 Established by Presidential action on May 12, 2009. First enroll Fall 2009.

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

604 Established by Board action on October 11, 2005. First enroll Fall 2006.
605 Terminated (renamed) by Board action on March 11, 2015. Last enroll Spring 2015.
606 Established by Board action on March 11, 2015. First enroll Fall 2015.
607 Established Concentration in Regulatory Affairs and Quality Assurance by Board action on October 9, 2018. First enroll Spring 2019.
608 Renamed by Presidential action on December 11, 2018 from Advance Quality Assurance and Regulatory Affairs to Advanced Regulatory Affairs and Quality Assurance. First enroll Fall 2018.
609 Established by Presidential action on October 14, 2014. First enroll Spring 2015.
611 Renamed by Presidential action on October 12, 2016 from Biopharmaceuticals and Generic Drugs to Biosimilars and Generic Drugs.
612 Established by Presidential action on May 12, 2009. First enroll Fall 2009.

PROFESSIONAL LEVEL

PROGRAM

PHARMACY

DEGREE

Doctor of Pharmacy

608 Established by Presidential action on December 11, 2018 from Advance Quality Assurance and Regulatory Affairs to Advanced Regulatory Affairs and Quality Assurance. First enroll Fall 2018.
609 Established by Presidential action on October 14, 2014. First enroll Spring 2015.
611 Renamed by Presidential action on October 12, 2016 from Biopharmaceuticals and Generic Drugs to Biosimilars and Generic Drugs.
612 Established by Presidential action on May 12, 2009. First enroll Fall 2009.

CERTIFICATE OR DIPLOMA

PROGRAM

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

DEGREE

Certificate (post-masters)
Certificate (graduate)
Certificate (graduate, post-masters)
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 613 (graduate, post-masters)
Certificate 614 (graduate, post-masters)
Certificate 615 (graduate)
Certificate 616 (graduate, post-masters)
Certificate 617 (graduate, post-masters)
Certificate 618 (graduate, post-masters)
Certificate 619 (graduate, post-masters)
Certificate 620 (graduate, post-masters)
Certificate 621 (graduate, post-masters)
Certificate 622 (graduate, post-masters)
Certificate (graduate)

613 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
615 Established by Presidential action on December 9, 2008. First enroll Spring 2009.
616 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
617 Established by Presidential action on December 9, 2008. First enroll Spring 2009.
621 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
622 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{623}

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{624} (graduate)


\textsuperscript{624} Established by Presidential action; reported to the Board on March 9, 2004.
PUBLIC HEALTH, COLLEGE OF  
(Formerly College of Health Professions and Social Work; formerly College of Health Professions)

BACHELOR’S LEVEL

PROGRAM (Degree and Minors)

ATHLETIC TRAINING

COMMUNICATIONS SCIENCES

EXERCISE AND SPORT SCIENCE

HEALTH INFORMATION MANAGEMENT

HEALTH PROFESSIONS

KINESIOLOGY

CONCENTRATION IN EXERCISE AND SPORT SCIENCE (Terminated)632

CONCENTRATION IN PHYSICAL AND HEALTH EDUCATION TEACHER EDUCATION (Terminated)634

CONCENTRATION IN PRE-HEALTH PROFESSIONS (Terminated)635

LINGUISTICS

PUBLIC HEALTH

NURSING

RECREATIONAL THERAPY638

SCHOOL HEALTH EDUCATION

SPEECH, LANGUAGE & HEARING SCIENCE

DEGREE

Bachelor of Science in Athletic Training627

Bachelor of Arts (Terminated)628

Bachelor of Science630

Bachelor of Science631

Bachelor of Science (Transferred)636

Bachelor of Arts (Terminated)637

Bachelor of Science, Minor

Bachelor of Science in Nursing

Bachelor of Science

Bachelor of Science (Terminated)639

Bachelor of Arts

MINOR ONLY

COMMUNICATION SCIENCES AND DISORDERS

NUTRITION

Minor

Minor640

625 Renamed College of Public Health by Board action on October 14, 2014. See policy 01.20.03.

626 Renamed College of Health Professions and Social Work by Board action on May 12, 2009. See policy 01.20.03.


628 Terminated by Board action on May 12, 2015. Last enroll spring 2016, last graduate Spring 2020.

629 Terminated by Board action on March 10, 2009. Last enroll Fall 2008. No currently enrolled students.


632 Established by Board action (concentrations only) on March 5, 2013. First enroll Fall 2013.

633 Terminated by Board action (concentration only) on March 15, 2016. Last enroll Spring 2016, last graduate spring 2021.

634 Terminated by Board action (concentration only) on December 19, 2017. Last enroll Spring 2018, last graduate Spring 2023.

635 Terminated by Board action (concentration only) on March 14, 2017. Last enroll Spring 2017, last graduate spring 2022.

636 Transferred from the College of Education by Board action on May 10, 2005. First graduate from the College of Health Professions January 2006.


638 Renamed Recreational Therapy from Therapeutic Recreation by Board action on May 1, 2018. Effective 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 ANALYTICS648
  CONCENTRATION IN POPULATION HEALTH MANAGEMENT
  CONCENTRATION IN CYBERSECURITY FOR HEALTHCARE PROFESSIONALS
HEALTH POLICY AND MANAGEMENT
  OPTIONAL CONCENTRATION IN HEALTH POLICY650
    (Terminated)651
  OPTIONAL CONCENTRATION IN HEALTH LEADERSHIP652
    (Terminated)653
KINESIOLOGY
  CONCENTRATION IN ATHLETIC TRAINING
  CONCENTRATION IN CURRICULUM AND INSTRUCTION
    (Terminated)655
  CONCENTRATION IN INTEGRATIVE EXERCISE PHYSIOLOGY
  CONCENTRATION IN PSYCHOLOGY OF MOVEMENT

DEGREE

Master of Public Health641
Master of Science in Athletic Training642
Master of Science643
Master of Public Health (Terminated)644
Master of Public Health645
Master of Science646
Master of Public Health647
Master of Science
Master of Science649

641 Established by Board action on May 10, 2016. First enroll Fall 2016.
642 Established by Board action on May 12, 2015. First enroll Summer 2016.
645 Established by Board action on May 10, 2016. First enroll Fall 2016.
646 Established by Board action on May 10, 2005. First admit Fall 2006.
647 Established by Board action on May 10, 2016. First enroll Fall 2016.
648 Established by Board action (three concentrations) on March 14, 2017. First enroll Fall 2017.
650 Established by Board action on May 2, 2017. First enroll Fall 2017.
651 Terminated by Board action (concentration only) on December 11, 2018. Last admit Spring 2019. Last graduate Spring 2024.
652 Established by Board action on May 2, 2017. First enroll Fall 2017.
653 Terminated by Board action (concentration only) on December 11, 2018. Last admit Spring 2019. Last graduate Spring 2024.
654 Established by Board action on May 10, 2016. First enroll Fall 2016.
656 Established with concentrations by Board action on December 11, 2007. First enroll Fall 2008.
KINESIOLOGY

Master of Education (Transferred)\textsuperscript{657} (Terminated)\textsuperscript{658}

LINGUISTICS

Master of Arts (Terminated)\textsuperscript{659}

NEUROMOTOR SCIENCE

Master of Science\textsuperscript{660}

NURSING

Master of Science in Nursing (Terminated)\textsuperscript{663}

- OPTIONAL CONCENTRATION: CLINICAL NURSE LEADER\textsuperscript{661}
- OPTIONAL CONCENTRATION: NURSE EDUCATOR\textsuperscript{662}

OCCUPATIONAL THERAPY

Master of Science\textsuperscript{665} (terminated)\textsuperscript{666}

OCCUPATIONAL THERAPY

PHYSICAL THERAPY

Master of Public Health\textsuperscript{671} (terminated)\textsuperscript{672}

PUBLIC HEALTH

- CONCENTRATION: APPLIED BIOSTATISTICS\textsuperscript{667}
- CONCENTRATION: EPIDEMIOLOGY
- CONCENTRATION: SOCIAL AND BEHAVIORAL SCIENCE
- CONCENTRATION: ENVIRONMENTAL HEALTH
- CONCENTRATION: EPIDEMIOLOGY AND BIOSTATISTICS (terminated, concentration only)\textsuperscript{668}
- CONCENTRATION: GLOBAL HEALTH (terminated, concentration only)\textsuperscript{669}
- CONCENTRATION: HEALTH POLICY MANAGEMENT\textsuperscript{670}

RECREATIONAL THERAPY\textsuperscript{673}

SCHOOL HEALTH EDUCATION

SOCIAL AND BEHAVIORAL SCIENCES

SPEECH, LANGUAGE & HEARING SCIENCE

Master of Public Health\textsuperscript{676}

\textsuperscript{657} Transferred from the College of Education by Board action on May 10, 2005. First graduate from the College of Health Professions January 2006.

\textsuperscript{658} Terminated by Board action on December 11, 2007. Last admit Spring 2008, last graduate spring 2013

\textsuperscript{659} Terminated by Board action on March 14, 2017, effective fall 2017. There are no currently enrolled students.

\textsuperscript{660} Established by Board action on March 11, 2015. First enroll Fall 2015.

\textsuperscript{661} Established by Board action on October 13, 2009. First enroll spring 2010.

\textsuperscript{662} Established by Board action on October 13, 2009. First enroll spring 2010.

\textsuperscript{663} Terminated by Board action on May 2, 2017. Effective end of Spring 2017 (no students enrolled).

\textsuperscript{664} Terminated by Board action on October 11, 2011, effective fall 2011. There are no currently enrolled students.

\textsuperscript{665} Established by Board action on October 11, 2005. Not open for admissions.

\textsuperscript{666} Terminated by Board action on March 11, 2015. Last enroll fall 2015, last graduate spring 2020.

\textsuperscript{667} Established by Board action (Concentrations in Epidemiology and Applied Biostatistics only) on December 9, 2014. First enroll fall 2015.

\textsuperscript{668} Terminated by Board action on December 9, 2014. Last admit spring 2015, last graduate spring 2019.

\textsuperscript{669} Terminated by Board action on May 14, 2013. Last admit spring 2013, last graduate spring 2016.

\textsuperscript{670} Established by Board action on March 5, 2013. First enroll fall 2013.

\textsuperscript{671} Established by Board action (including concentrations) on March 11, 2008. First enroll fall 2008.

\textsuperscript{672} Terminated by Board action on May 10, 2016 (degree and remaining concentration). Last enroll spring 2016, last graduate spring 2021.

\textsuperscript{673} Renamed Recreational Therapy from Recreation Therapy by Board action on May 1, 2018. Effective Fall 2018.

\textsuperscript{674} Established by Board action on March 2, 2010. First enroll fall 2010.

\textsuperscript{675} Terminated by Board action on May 12, 2015. Last enroll spring 2015, last graduate spring 2016.

\textsuperscript{676} Established by Board action on May 10, 2016. First enroll Fall 2016.
THERAPEUTIC RECREATION

Master of Education (Terminated)

DOCTORAL LEVEL

PROGRAM

ATHLETIC TRAINING
COMMUNICATION SCIENCES AND DISORDERS
EPIDEMIOLOGY
HEALTH POLICY AND HEALTH SERVICES RESEARCH
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

DEGREE

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

Doctor of Philosophy
Doctor of Nursing Practice
Doctor of Nursing Practice
Doctor of Nursing Practice

Doctor of Nursing Practice

---

677 Terminated by Board action on March 2, 2010. Last admit spring 2010, last graduate spring 2015.
678 Established by Board action on May 12, 2015. First enroll Fall 2016.
679 Renamed by Board action on May 10, 2016 from Communication Sciences to Communication Sciences and Disorders. First enroll Fall 2016.
680 Established by Board action on December 9, 2014. First enroll Fall 2015.
681 Renamed by Board action on December 11, 2018 from Health Policy to Health Policy and Health Services Research. First enroll Fall 2019.
682 Established by Board action on May 10, 2016. First enroll Fall 2016.
683 Established by Board action on October 14, 2008. First enroll Fall 2009.
688 Transferred from the College of Education by Board action on May 10, 2005. First graduate from the College of Health Professions January 2006.
689 Established by Board action on March 11, 2015. First enroll Fall 2015.
691 Terminated by Board action on May 8, 2012. Students to be transferred to newly named concentrations effective Fall 2012.
693 Terminated by Board action on October 14, 2008. First enroll Fall 2009.
694 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

DEGREE

Clinical Doctorate in Occupational Therapy

Doctor of Occupational Therapy (terminated)

Doctor of Philosophy (terminated)

Doctor of Philosophy (terminated)

Doctor of Philosophy (terminated)

Doctor of Philosophy

693 Terminated by Board action on May 8, 2012. Students to be transferred to newly named concentrations effective Fall 2012.

695 Degree renamed by Board action on May 10, 2016 from Doctor of Occupational Therapy to Clinical Doctorate in Occupational Therapy. First enroll fall 2016.


697 Terminated by Board action on March 11, 2015. Last enroll Fall 2015, last graduate Spring 2020.

698 Terminated by Board action on March 11, 2015. Last enroll Fall 2015, last graduate Spring 2020.


700 Established by Board action on March 10, 2009. First enroll Fall 2009.

701 Established by Board action on October 9, 2007. First enroll Fall 2008.

702 Terminated by Board action (degree and concentrations) on May 10, 2016. Last enroll Spring 2016, last graduate Spring 2021.

703 Renamed Social and Behavioral Sciences from Social and Behavioral Health Sciences by Board action on May 1, 2018. Effective Fall 2018.

704 Established by Board action on May 10, 2016. First enroll Fall 2016.


707 Established by Presidential action on June 18, 2009. First enroll Fall 2009.

708 Terminated by Presidential action on May 13, 2014. Last enroll and last graduate Spring 2014.

709 Established by Presidential action on May 10, 2011. First enroll Fall 2011.

710 Established by Board action on October 10, 2017. First enroll Spring 2018.

711 Terminated by Presidential action on December 13, 2016. Effective Fall 2016 (no students enrolled)

HEALTHCARE DATA ANALYTICS Certificate
HEALTH INFORMATICS Certificate
HEALTH INFORMATION PRIVACY AND SECURITY Certificate
HEALTH OUTCOMES AND MEASUREMENT SCIENCE Certificate
LINGUISTICS Certificate
PUBLIC HEALTH Certificate
PUBLIC HEALTH LAW RESEARCH Certificate
SCHOOL NURSE Certificate

713 Established by Presidential action on May 10, 2011. First enroll Fall 2011.
714 Established by Presidential action on May 10, 2011. First enroll Fall 2011.
716 Established by Presidential action on May 1, 2018. First enroll Fall 2018.
718 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
719 Terminated by Presidential action; reported to the Board on May 2, 2017. Effective Summer 2017.
720 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.
721 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&lt;sup&gt;722&lt;/sup&gt;</td>
</tr>
<tr>
<td>BIOCHEMISTRY</td>
<td>Bachelor of Arts(Terminated)&lt;sup&gt;723&lt;/sup&gt;</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)&lt;sup&gt;724&lt;/sup&gt;</td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
<td>Bachelor of Arts&lt;sup&gt;725&lt;/sup&gt;, Minor</td>
</tr>
<tr>
<td>ENVIRONMENTAL STUDIES</td>
<td>Bachelor of Arts&lt;sup&gt;726&lt;/sup&gt;, Minor</td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>Bachelor of Arts, Minor</td>
</tr>
<tr>
<td>INFORMATION SCIENCE &amp; TECHNOLOGY</td>
<td>Bachelor of Arts&lt;sup&gt;727&lt;/sup&gt;</td>
</tr>
<tr>
<td>MATHEMATICAL ECONOMICS</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>NATURAL SCIENCES</td>
<td>Bachelor of Science&lt;sup&gt;728&lt;/sup&gt;</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&lt;sup&gt;729&lt;/sup&gt;</td>
</tr>
<tr>
<td>BIOLOGY WITH TEACHING</td>
<td>Bachelor of Science (Terminated)&lt;sup&gt;730&lt;/sup&gt;</td>
</tr>
<tr>
<td>BIOPHYSICS</td>
<td>Bachelor of Science&lt;sup&gt;731&lt;/sup&gt;</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>Bachelor of Science&lt;sup&gt;732&lt;/sup&gt;</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</td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>COMPUTER SCIENCE AND PHYSICS</td>
<td>Bachelor of Science</td>
</tr>
</tbody>
</table>

<sup>722</sup> Established by Board Action on May 10, 2011. First enroll Fall 2011.
<sup>723</sup> Terminated by Board action on May 13, 2008. Last enroll Spring 2008, last graduate Spring 2013.
<sup>728</sup> Established by Board action on May 13, 2008. First enroll Fall 2008.
<sup>729</sup> Established by Board action on May 13, 2008. First enroll Fall 2008.
<sup>732</sup> Established by Board action on March 15, 2016. First enroll Fall 2016.
MASTER’S LEVEL

PROGRAM

BIOLOGY

DEGREE

Master of Arts (Terminated)746 (re-established)747

---

733 Established by Board action on October 11, 2016. First enroll Fall 2016.
734 Established by Board action on May 13, 2008. First enroll Fall 2008
737 Established by Board action on May 13, 2008. First enroll Fall 2008
738 Established by Board action on May 13, 2008. First enroll Fall 2008
741 Established by Board action on June 20, 2013. First enroll Fall 2013.
742 Established by Board action on May 2, 2017. First enroll Fall 2017.
743 Established by Board action on May 13, 2008. First enroll Fall 2008
744 Established by Board action on October 14, 2014. First enroll, Fall 2014, however, there is no direct admission to this program.
745 Established by Board action on May 13, 2008. First enroll Fall 2008
747 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
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

748 Terminated by Board action on May 1, 2018. Last enroll Summer II 2018. Last graduate Spring 2022.
749 Terminated by Board action on December 10, 2013. Last admit Spring 2014, last graduate Spring 2019.
750 Terminated by Board action on October 8, 2013. Last admit Spring 2013, last graduate Spring 2018.
751 Established by Board action on October 12, 2004. First enroll Fall 2005
752 Established by Board action on May 1, 2018. First enroll Fall 2018.
753 Established by Board action on May 10, 2016. First enroll Fall 2016.
754 Established by Board action on June 17, 2010. First enroll Fall 2010.
756 Established by Board action on May 12, 2009. First enroll Fall 2009
757 Established by Board action on December 10, 2013. First enroll Fall 2014.
758 Established by Board action on December 10, 2013. First enroll Fall 2014.
759 Established by Board action on October 8, 2013. First enroll Fall 2013.
760 Established by Board action on March 11, 2015. First enroll Fall 2015.
761 Established by Board action on July 17, 2014. First enroll Fall 2014.
762 Established by Board action on March 12, 2012. First enroll Fall 2012.
764 Established by Board action on May 12, 2015. First enroll Fall 2015.
CHEMISTRY

COMPUTER & INFORMATION SCIENCE

- OPTIONAL TRACK IN ARTIFICIAL INTELLIGENCE AND APPLICATIONS
- 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
- Certificate (graduate)
- Certificate (graduate)
- Certificate (graduate)
- Certificate (graduate)
- Certificate (graduate)
- Certificate (graduate)
- Certificate (graduate)
- Certificate (graduate)
- Certificate (graduate)

768 Established by Board action (four optional tracks) on May 11, 2010. First enroll Fall 2010.
769 Established by Board action on May 12, 2009. First enroll Fall 2010
770 Established by Presidential action on May 1, 2018. First enroll Fall 2018.
771 Established by Presidential action on May 1, 2018. First enroll Fall 2018.
772 Established by Presidential action on May 1, 2018. First enroll Fall 2018.
774 Established by Presidential action on March 11, 2015. First enroll Fall 2015.
775 Established by Presidential action; reported to the Board on May 2, 2017. First enroll Fall 2017.
777 Established by Presidential action on May 10, 2016. First enroll Fall 2016.
778 Established by Presidential action on October 8, 2013. First enroll Spring 2014.
779 Established by Presidential action on October 8, 2013. First enroll Spring 2014.
780 Established by Presidential action on March 14, 2017. First enroll Fall 2017.
SOCIAL WORK, SCHOOL OF (formerly School of Social Administration)\textsuperscript{781}

**BACHELOR’S LEVEL**

PROGRAM (Degree and Minors)  
SOCIAL WORK  
DEGREE  
Bachelor of Social Work, Minor(Terminated)\textsuperscript{782}

**MASTER’S LEVEL**

PROGRAM  
SOCIAL WORK  
DEGREE  
Master of Social Work

**CERTIFICATE OR DIPLOMA**

PROGRAM  
MILITARY COUNSELING  
DEGREE  
Certificate (graduate)\textsuperscript{783}

\textsuperscript{781} 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{782} Terminated by Board action (minor only) on May 1, 2018. Effective Spring 2018. Last graduate Spring 2022.

\textsuperscript{783} 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
Minor
Master of Science
Master of Science

---

784 Established by Board action (new concentrations) on June 23, 2011. First enroll Fall 2011.
788 Established by Board action (new concentrations) on June 23, 2011. First enroll Fall 2011.
793 Established by Board action on December 19, 2017. First enroll Fall 2018.
794 Established by Board action on December 19, 2017. First enroll Fall 2018.
795 Established by Board action on December 19, 2017. First enroll Fall 2018.
796 Established by Board action on December 19, 2017. First enroll Fall 2018.
797 Established by Board action on May 14, 2013. First enroll Fall 2013.
SPORT BUSINESS (EXECUTIVE PROGRAM) Master of Science
SPORT & RECREATION ADMINISTRATION Master of Education (Terminated)
SPORT & RECREATION MANAGEMENT Master of Science (Terminated)
TOURISM & HOSPITALITY MANAGEMENT Master of Tourism & Hospitality Management
CONCENTRATION IN HOSPITALITY OPERATIONS MANAGEMENT
CONCENTRATION IN TOURISM AND HOSPITALITY MARKETING
TOURISM & HOSPITALITY MANAGEMENT (Executive Program)

TRAVEL AND TOURISM Master of Science

CERTIFICATE OR DIPLOMA

PROGRAM DEGREE

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

---

798 Established by Board action (executive program) on October 11, 2016. First enroll Fall 2017.
799 Terminated by Board action on May 12, 2009. Last admit spring 2009, last graduate Spring 2014
800 Established by Board action on May 12, 2009. First enroll Fall 2009.
801 Terminated by Board action on May 14, 2013. Last admit Spring 2013, last graduate Spring 2016.
802 Established by Board action (concentrations) on May 14, 2013. First enroll Fall 2013.
803 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.
805 Established by Board action on December 13, 2016. First enroll Fall 2017
806 Established by Presidential action on December 13, 2016. First enroll Fall 2017
808 Established by Presidential action on December 13, 2016. First enroll Fall 2017
809 Established by Presidential action on March 11, 2015. First enroll Fall 2015.
810 Established by Presidential action on March 11, 2015. First enroll Fall 2015.
811 Established by Presidential action on December 13, 2016. First enroll Fall 2017
812 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.*

<table>
<thead>
<tr>
<th>ASSOCIATE LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROGRAM</td>
</tr>
<tr>
<td>GENERAL PROGRAM (College of Liberal Arts)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BACHELOR’S LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROGRAM</td>
</tr>
<tr>
<td>ART (Tyler School of Art and Architecture)</td>
</tr>
<tr>
<td>COMMUNICATION STUDIES (Klein College of Media and Communication) TRACK IN PRODUCTION</td>
</tr>
<tr>
<td>GENERAL PROGRAM (College of Liberal Arts)</td>
</tr>
<tr>
<td>INTERNATIONAL AFFAIRS (College of Liberal Arts)</td>
</tr>
<tr>
<td>INTERNATIONAL BUSINESS STUDIES (College of Liberal Arts)</td>
</tr>
<tr>
<td>JAPANESE (College of Liberal Arts)</td>
</tr>
<tr>
<td>PSYCHOLOGICAL STUDIES (College of Liberal Arts)</td>
</tr>
<tr>
<td>TOURISM &amp; HOSPITALITY MANAGEMENT (2+2 PROGRAM) (School of Tourism and Hospitality Management)</td>
</tr>
</tbody>
</table>

---

813 Established by Board action on December 11, 2018. First enroll Fall 2019.
### UNIVERSITY COLLEGE

#### CERTIFICATE

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLAY THERAPY</td>
<td>Certificate(^{815}) (graduate)</td>
</tr>
<tr>
<td>NATIONAL PARK SERVICE MANAGEMENT</td>
<td>Certificate(^{816}) (undergraduate)</td>
</tr>
<tr>
<td>POST-BACCALAUREATE CERTIFICATE IN NATIONAL PARK SERVICE MANAGEMENT</td>
<td>Certificate(^{817}) (undergraduate)(^{818})</td>
</tr>
<tr>
<td>SUSTAINABILITY</td>
<td>Certificate(^{819}) (undergraduate)</td>
</tr>
</tbody>
</table>


\(^{818}\) Note: This is an undergraduate-level certificate for students holding a bachelor’s degree.

\(^{819}\) Established by Presidential action on October 11, 2011. First enroll Fall 2011.