

2019-2020

Undergraduate Catalog

Point Park

University

Pittsburgh, Pennsylvania



The University Seal



Point Park University's seal retains several elements from the seal of Point Park College. These include the escutcheon with the inverted furca (fork) as its ensign. The inverted furca represents salvation flowing from above and embracing the world below. This furca also draws obvious attention to the Monongahela, Allegheny and Ohio Rivers and their confluence at Point Park, the triangular spot of land in downtown Pittsburgh that gave the University its name.

The three scrolls contained within the escutcheon articulate the goals of a Point Park University education and express that a Point Park education stands for the benefit of knowledge, the community and careers.

This catalog is the official announcement of Point Park University (a tax-exempt, not-for-profit, educational institution) for the academic year 2019-2020. The University reserves the right to repeal, change, or amend the rules, regulations, and provisions contained in this catalog, and may withdraw or modify the programs and courses listed herein. Updates to the catalog will be posted on the University website. It is published by the Office of the University Registrar.

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Academic Calendar 2019-2020

Fall Semester 2019

Fall Term Begins	August 24
Labor Day, University Closed	September 2
Thanksgiving Break	November 25 - December 1
Last Regular Class Session	December 9
Final Examination Week	December 10 - December 13

Spring Semester 2020

Spring Term Begins	January 4
Dr. Martin Luther King Jr. Day, No Classes	January 20
Spring Break	February 24- March 1
Last Regular Class Session	April 20
Final Examination Week	April 21- April 24
Commencement	April 25

Summer Semester 2020

Summer Term Begins	May 4
Memorial Day, University Closed	May 25
Summer I Classes End	June 13
Summer II Classes Begin	June 15
Independence Day, University Closed	July 4
Summer II & Summer 12 Classes End	July 25

Point Park University

Mission Statement

Point Park University educates students in a diverse urban environment and prepares graduates to apply knowledge to achieve their goals, advance their professions and serve their communities.

Vision Statement

To be one of the most dynamic, private urban universities in America with an intense focus on student success through distinctive, innovative, and experiential learning.

Values

- Promoting divergent thinking and problem solving
- Fostering a community of mutual respect and diversity
- Encouraging innovation
- Ensuring integrity and ethics
- Focusing on student needs
- Responding to our stakeholders
- Fostering good citizens

About the University

Founded in 1960, Point Park is a dynamic, urban university with a strong liberal arts tradition. Located in Downtown Pittsburgh, Point Park enrolls more than 4,000 full- and part-time students. There are 86 bachelor's programs, 17 master's programs and three doctoral programs offered through the School of Arts and Sciences, Rowland School of Business, School of Communication, School of Education and Conservatory of Performing Arts.

Since its founding, Point Park has been known for providing students with an innovative, disciplined education that brings real-world experience into the classroom. Many of the faculty members are professional practitioners. Classes are small by design, giving students more one-on-one time with professors. The University's unique urban location puts students in close proximity to internships, culture, entertainment, and employment opportunities.

Embedded in Downtown, Point Park is committed to being an integral part of the success of the city and region. Its growth and development over the years reflects that: Established in 1933 as a business training college, Point Park became a junior college in 1960 and then a four-year undergraduate institution in 1966. It offered its first graduate degree in 1981 and achieved university status in 2003. In 2008, Point Park announced the Academic Village Initiative, a multi-block, living and learning hub that is redefining the student experience, campus life and the University's connection to Downtown Pittsburgh. The Academic Village Initiative has resulted in new residence halls, a student center, and the Village Park and streetscape enhancements. The Center for Media Innovation opened in 2016, providing a creative, collaborative space for students, an innovative networking place for media professionals and an informative showcase for the city.

In the fall of 2018, the new Pittsburgh Playhouse opened downtown, having relocated from Oakland.

The Campus

Point Park University is located in one of America's most dynamic cities - Downtown Pittsburgh. The city consistently ranks among the top places to live, work, and visit, and the Pittsburgh region boasts dozens of billion-dollar global companies.

Point Park has actively participated in the city's rejuvenation. The campus, which includes the new Point Park University's Pittsburgh Playhouse built in 2018, has expanded from five buildings to one of Downtown's largest footprints. The Academic Village Initiative has included such recent campus additions as the George Rowland White Performance Center, a Leadership in Energy and Environmental Design (LEED) Gold-certified building, loft-style residence halls, the Village Park, streetscape enhancements, a student center, and Lawrence Hall lobby renovations that include an art gallery.

Point Park University's Pittsburgh Playhouse is a new downtown complex that serves as the educational arm for the Conservatory of Performing Arts. The Pittsburgh Playhouse offers outstanding dramatic, musical, children's theater and dance productions that entertain diverse audiences from throughout the region. The School of Communication also boasts the Center for Media Innovation, includes broadcast and photo studios, a multimedia newsroom, and presentation and gallery space.

At Point Park, the city is truly our campus. Students can walk to cultural attractions such as the Pittsburgh Symphony Orchestra, the Pittsburgh Ballet Theatre, and the Pittsburgh Opera, as well as the latest concerts at Stage AE on the North Shore. Major sporting events held at PNC Park, Heinz Field and the PPG Paints Arena are also close to campus. Just across the Monongahela River from the University is Station Square, a unique entertainment destination on the river. Other local attractions include the Pittsburgh Zoo & PPG Aquarium, the Duquesne and Monongahela inclines, the National Aviary, and the Phipps Conservatory and Botanical Gardens. Notable museums in the area include the Carnegie museums of art and natural history, the Carnegie Science Center, the Senator John Heinz History Center, and The Andy Warhol Museum.

The Library

The Point Park University Library is located on the first floor and the lower level of the University Center, a turn of the twentieth century former bank building which also houses classrooms, a 200-seat auditorium, and production facilities for the Cinema Arts Department, as well as the TV broadcasting program for the School of Communication.

The Library has quiet study space, an instruction/computer lab, technology smart group study rooms and a presentation practice & recording room on the lower level. There are computers, scanners and printers throughout the Library. Laptops and iPads are available for check out. The Library supports a wireless environment.

The Library houses books, DVDs, musical CDs, audiobooks, microfilm, newspapers, print journals and magazines to support Point Park University's programs. The Library provides access to thousands of full text articles and e-books through database subscriptions. Many of the databases are subject specific, providing scholarly resources in the fields of education, business, performing arts, journalism, psychology and criminal justice, as well as other Point Park University academic programs.

Special holdings within the Library include over 4,000 plays, musical scores, librettos, anthologies and monologues; a popular reading collection with new fiction and non-fiction titles; a Digital Arts reserve film collection and a children's literature and school curriculum collections.

A current Point Park University ID is required to borrow material from the Library. Students can access the Library's online databases off-campus by using their Point Park University e-mail log-in.

E-Z Borrow is an online service that permits Point Park University students, staff and faculty to search for and borrow books from over 50 participating academic libraries. Library staff provides research support through e-mail, phone, instant messenger, walk in and by appointment.

Additional information about Point Park University Library and its resources can be found at www.point-park.edu by clicking on the Library link.

The Student Center

The [Student Center](#) is open year-round, offering opportunities for fitness training, recreation, and individual and group programming. Free weights and Nautilus equipment are available. Billiards, electronic darts, foosball, and table tennis are offered as leisure activities, in addition to a full-court gymnasium, and free bike rental. The Student Center also has four computer booths and two 60" televisions located on the second floor. Students are encouraged to take advantage of the fitness opportunities provided by the Student Center, which is open to all currently registered students free of charge. A valid Pioneer Card is required for entry to the facility. For more information, call the Student Center at 412-392-3853.

GENERAL INFORMATION

Annual Notification of Rights under FERPA

(Family Educational Rights and Privacy Act)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

- (1) The right to inspect and review the student's education records.

A student should submit to the Registrar, Financial Aid Director or other appropriate University official written requests that identify the record(s) the student wishes to inspect. The University official will make arrangements for access within 45 days of the University's receipt of the initial request and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

- (2) The right to request an amendment of the student's education records that he/she believes are inaccurate or misleading.

The student shall write the University official responsible for the record, clearly identify the part of the record the student wants to have changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- (3) The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University or acting in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); an administrator or faculty member from an institution with which Point Park University has an academic or clinical affiliation who has legitimate educational interest; a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility for the University.

Upon request, the University discloses education records without consent to officials of another school in which a student is, seeks, or intends to enroll.

Point Park University reserves the right to release directory information without prior written consent of a student unless notified in writing to the contrary. The following items are considered by Point Park University as Directory Information: student name, addresses (including electronic), telephone number(s), date and place of birth, field(s) or program(s), participation in officially recognized activities, photographs, enrollment status, dates of attendance, height, weight, degrees, awards and honors received, previous schools attended, and post completion placements, including employment and graduate school attendance.

- (4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605

Credit Hour Policy

Point Park University complies with Federal (US DOE) and Middle States Commission of Higher Education (MSCHE) regulations regarding degree and credit hours. Point Park University undergraduate degrees require the satisfactory completion of a minimum of 120 semester credit hours, and at least 40 semester credit hours are in general education. All graduate degrees require at least 30 semester credit hours. Associates degrees require at least 60 semester credit hours.

Point Park operates on an academic year divided into two semesters (fall and spring) of approximately 15 weeks in length. Summer sessions, as well as some eight-week sessions offered throughout the year comply with the established University credit policy.

One semester credit is equivalent to one hour of faculty face-to-face instruction time per week for 15 weeks and a minimum of two hours of student preparation time outside of the classroom each week per credit hour. Different modes of instruction will meet instructional hour requirements by following the Equivalent Instructional Activity policy in this document.

The University also follows the U.S. Department of Education definition of credit hour “an amount of work represented in intended learning outcomes and verified by evidenced of student achievement.” The University established the following guidelines that are in concert with the U.S. DOE as well as MSCHE: one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work for approximately 15 weeks (or equivalency over different time periods).

Specifically, the University follows the established curricular credit regulations of the Pennsylvania Department of Education (PDE): 22 Pa. Code Chapter 31, 31.21-31.22. One semester credit is defined as 14 hours of classroom instruction. A three-credit semester based course would need to meet for 42 hours of classroom instruction throughout the semester. In addition, PDE requires that hours of classroom instruction cannot be calculated to include exams. Therefore, a typical semester course meets for 14 weeks (3 credits equals 42 hours of instruction) with a final exam in week 15 (2 hours).

PDE’s curricular credit policy allows for determining activities that are the equivalent of classroom instruction. Definitions of Point Park University’s formats and modalities of instruction appear below:

Lecture: One lecture, seminar, or discussion credit hour represents 1 hour per week of scheduled class/seminar time and 2 hours of student preparation time. Most lecture and seminar courses are awarded 3 credit hours.

Lecture, Seminar, and Discussion: Classroom /Faculty Instructor and Outside Work				
Semester credits	Minimum instructional time/week	Student preparation time/week	Total minimum instruction time/14 weeks	2 hour final exam in 15 th week
1 credit	1 hour	2 hours	14 hours	16 hours
2 credits	2 hours	3 hours	28 hours	30 hours
3 credits	3 hours	4 hours	42 hours	44 hours
4 credits	4 hours	5 hours	56 hours	58 hours

Laboratory: One laboratory credit hour represents 1-2 hours per week of scheduled supervised laboratory work and 2 hours of student preparation time.

Laboratory: Classroom /Faculty Instructor and Outside Work				
Semester credits	Minimum instructional time/week	Student preparation time/week	Total minimum instruction time/14 weeks	2 hour final exam in 15 th week
1 credit	1-2 hours	2 hours	14-28 hours	16-30 hours
2 credits	2-3 hours	3 hours	28-42 hours	30-44 hours

Practicum: A practicum provides students with the opportunity to practice and enhance skills that they have acquired in previous courses. One practicum hour is equivalent to approximately 3-4 hours of internally-supervised and unsupervised work per week for 15 weeks. A 3-credit practicum is at minimum 150 hours of internally-supervised and unsupervised work in 15 weeks.

Education Practica: (follows PDE guidelines)

- Student Teaching Practicum: Twelve credit hours of supervised student teaching, representing 3 lecture hours and 30 classroom hours each week for 15 weeks.
- Instructional Studies Practicum: Six credit hours of supervised instruction, representing 3 lecture hours and 18 classroom hours each week for 15 weeks.

Studio: One practice credit hour represents 3 hours per week of supervised and independent practice. (Dance students experience a minimum of one daily technique class of 90 minutes in length, as required by the National Association of Schools of Dance.)

Studio: Classroom /Faculty Instructor and Outside Work				
Semester credits	Minimum instructional time/ week	Student independent practice/week	Total minimum instruction time/14 weeks	2 hour final exam in 15 th week
1 credit	1-1.5 hours	1.5-2hrs	14-21 hours	16-23 hours
2 credits	2-3hours	3-4 hours	28-42 hours	30-44 hours
3 credits	3-4.5 hours	4.5-6 hours	42-63 hours	44-65 hours

Internship: Internships are determined by negotiation between the supervising faculty and the work supervisor at the cooperating site, both of whom must judge and certify different aspects of student's work and completion of agreed upon outcomes and assessment of those outcomes. Three credits is equivalent to a minimum 150-200 hours of work. Students should verify their department's required hours of work with their faculty supervisor. In order to receive credit, students must register for an Internship course prior to the start date of their internship. Credit for an internship will not be granted after the completion of work and cannot be applied to experiential learning.

Experiential Learning: Credit for experiential learning may be granted to individuals who submit evidence of learning equivalent to University level course objectives/learning outcomes. Considered evidence may include portfolios, summaries of learning experiences, letters from supervisors and/or other materials that clearly illustrate achievement of each course learning outcome. A student must have completed a minimum of six credits at Point Park before a faculty evaluation for experiential learning can be processed. Students may earn up to 18 undergraduate credits in experiential learning. These credits do NOT fulfill the University residency requirement.

Independent Study: Independent studies from 1-4 credits are offered if a comparable course is not available on campus or at another institution. Students must secure a faculty supervisor and obtain permission from a department chair before registering for an independent study. Students must illustrate achievement of the independent study course objectives/learning outcomes in order to receive credit. The student must interact with the faculty member on a regular and substantive basis to assure progress within the course.

Online: The University follows the definition of Distance Education/Distance Learning consistent with HEOA, PDE and Middle States standards and guidelines for all distance learning degree or certificate programs: online courses at Point Park will be delivered 100% online. Online courses satisfy the PDE guidelines for "equivalent instruction" outlined in PA Code 31.21: see Equivalent Instructional Activity (EIA) below.

Hybrid: Hybrid courses are a combination of face-to-face and distance learning methods. The University guidelines recommend that at least 40% and no more than 70% of instructional hours be delivered online. Hybrid

courses must utilize the University's EIA policy (see below).

Equivalent Instructional Activity (EIA): EIAs must be part of the course design when the format for instructional meeting hours are less than the Pennsylvania Department of Education requirement of 42 hours plus 2 hours of final examination time.

All Equivalent Instructional Activities must be included on the syllabus and should indicate the expected number of hours of class meeting time provided through this alternative instructional methodology. The syllabus should also include a specific description of each EIA.

The Center for Inclusive Excellence provides guidelines to faculty for the use in designing Equivalent Instructional Activities that meet the requirements of providing interaction with the student and the sharing of that interaction to the benefit of the entire class.

Guidance for Developing Equivalent Instructional Activities (established 2007, revised 2012)

With the advent of distance learning, the Pennsylvania Department of Education (PDE) recognizes that alternative formats for instruction are possible and likely, and as such, has determined that "equivalent" instructional modes may substitute for what was traditionally face-to-face instruction.

Credit hour equivalencies must be stated for the amount of time that classes do not meet over the course of the term. Syllabi must include instruction mode equivalencies that are mapped to instructional objectives and learning outcomes. Homework is not equivalent to instructional time.

Instructional mode equivalencies include but are not limited to the following activities:

- Field work
- Telecommunication instruction (including the use or reliance upon Blackboard software): lectures, web-links, discussion boards, chat room, blogs, on-line quizzes/exams, video conference, email correspondence, conference calls, etc.
- Collaborative group assignments – synchronous and asynchronous
- Demonstrations/Observations – virtual or otherwise

Credit Hour Review: The Office of the University Registrar regularly audits scheduled course offerings to ensure compliance with credit hour requirements through its process for scheduling each semester. Faculty on the Curriculum Committee and Faculty Assembly review each new course and ensure that credit hours are in compliance before voting for approval of these new courses. The Office of Academic and Student Affairs reviews all new courses in order to ensure compliance with credit hours and course learning outcomes before awarding final approval of courses. Changes in curriculum are noted in the University Catalog (updated each July/August), website, and PointWeb (Student Registration Portal).

Diversity Statement

As an institution of higher education, Point Park University recognizes its responsibility to create and maintain an environment that affirms the diversity of people and ideas. Point Park University embraces, supports and actively pursues a policy of inclusiveness that recognizes, values and reflects the diversity of the community we serve and the world in which we live.

To thrive as an academic institution, we believe we must foster a learning and working environment that encourages multiple perspectives and the open exchange of ideas in an unbiased and non-prejudicial way. Our commitment to diversity will make Point Park a welcoming place providing students, faculty, and staff with many opportunities to learn from each other.

To this end we strive to attract students, develop curriculum, diversify our faculty and staff, and offer support services. We are consciously guided by our quest to achieve broad inclusiveness and afford equal opportunity to all without regard to gender, race, ethnicity, national origin, religion, age, socioeconomic background, sexual orientation or physical ability.

Point Park University will vigorously pursue its diversity goals. As an institution, we are committed to accountability in our progress in making Point Park University a more diverse and inclusive community.

Non-Discrimination, Equal Opportunity and Diversity Initiatives

This policy affirms Point Park University's commitment to non-discrimination, equal opportunity, and the pursuit of diversity. Point Park University does not discriminate on the basis of: sex, race, ethnicity, religion, color, national origin, age (40 years and over), ancestry, individuals with disabilities, veteran status, sexual orientation, gender, gender identity, height, weight, genetic information, marital status, caregiver status, or familial status, in the administration of any of its educational programs, activities, or with respect to employment or admission to the University's educational programs and activities.

This policy is in accord with local, state and federal laws, including Title VI of the Civil Rights Act of 1964, Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, Age Discrimination Act of 1975, the Pittsburgh Human Relations Act and Pittsburgh City Fair Practices Provisions. Inquiries regarding these regulations, policies or complaints of discrimination should be referred to the human resources officer, telephone number 412-392-3952. Inquiries regarding Title IX and the Title IX regulations should also be referred to the University's Title IX Coordinator or to the deputy Title IX Coordinators: the Associate Provost, the Vice President of Human Resources or the Vice President of Student Affairs.

Find Point Park's [Title IX](#) information resources, including the Notice of Non-discrimination and Policy Prohibiting Sexual Misconduct, Relationship Violence, and Stalking.

Regional and Professional Accreditation and Approval

Point Park University is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, Pa. 19104, 267-284-5000. Point Park University is also approved by the Pennsylvania Department of Education, 333 Market Street, Harrisburg, Pa. 17126-0333, 717-783-6788.

The Business programs in the following degrees are accredited by the International Assembly of Collegiate Business Education, P.O. Box 25217, Overland Park, KS, 66225, 913-631-3009.

- Master of Business Administration degree
- Bachelor of Science post-baccalaureate degrees in Accounting, Business Management, Human Resource Management
- Bachelor of Science in Accounting, Business Management, Business, Economics and Finance, Human Resource Management, Information Technology and Management (accelerated and Saturday-only program), Sports, Arts and Entertainment Management

The programs in the School of Education leading to the Bachelor of Arts and the Bachelor of Sciences in Early Childhood Education, Elementary, and Secondary Education, as well as the programs leading to the Master of Arts in Curriculum and Instruction and the Master of Arts in Educational Administration, are approved by the Pennsylvania Department of Education, 333 Market Street, Harrisburg, PA 17126-0333, 717-783-6788.

The Doctorate of Education in Leadership and Administration is an approved program by the Pennsylvania Department of Education. Point Park University's School of Education is able to recommend candidates for the Pennsylvania State Certificate for School Principal (K-12) or Superintendent Letter of Eligibility to those students who meet all of the state's requirements.

Programs in the Conservatory leading to the Bachelor of Arts and Bachelor of Fine Arts in Dance, and to the Bachelor of Arts and Post-Baccalaureate Bachelor of Arts in Dance Pedagogy, are accredited by the National Association of Schools of Dance, 11250 Roger Bacon Drive, Suite 21, Reston, VA 20190, 703-437-0700.

The programs leading to the Bachelor of Science degree with majors in Civil, Electrical and Mechanical Engineering Technology are accredited by the Engineering Technology Accreditation Commission of ABET (www.abet.org). 415 North Charles Street, Baltimore, MD 21201, 410-347-7700.

ADMISSION

Point Park University welcomes undergraduate applications for full-time or part-time admission from students who wish to enter the University as freshmen or transfer students. Part-time students are those who intend to take fewer than 12 semester hours per semester.

International students may apply for admission to Point Park University as full-time freshmen, transfer or post-baccalaureate students. Full-time attendance for international students in F-1 non-immigrant visa status is required by the United States Immigration and Naturalization Service (INS). Point Park University admits students to each of the three terms during the academic year: Fall, Spring or Summer. The decision to admit a student is based upon a variety of factors and is described in the following sections.

The Financial Aid section of this catalog provides information on the extensive benefits available at Point Park University and outlines the procedures for applying for financial aid. Prospective students should contact the Financial Aid Office for specific information about obtaining assistance.

Full-Time Studies

The Office of Admission is open 8:30 a.m. to 4:30 p.m. Monday through Friday and 9:00 a.m. to 12:00 p.m. selected Saturdays throughout the academic year. An applicant wishing to reach the Office of Admission after hours may leave a voice-mail message at (412) 392-3430. An Admission representative will respond as soon as possible.

All students who are interested in attending Point Park University are invited to visit the University. Parents and friends are encouraged to join students for visits, which include a tour of the University and a meeting between an Admission counselor and the student. Meetings with the Financial Aid Office, with a department representative, or classroom visits can be arranged. Appointments for visits can be made by contacting the Office of Admission approximately one week in advance.

Admitted students to Point Park University are required to participate in Pioneer Experience. Specific details about this orientation program will be sent to all students who have submitted their admission deposit prior to the term of entry.

First Year Students

Students interested in entering Point Park University as first year students, are considered for admission from three perspectives. First, academic abilities of applicants are evaluated on the basis of secondary school performance, the types of courses taken; the grades earned and class rank. Second, standardized national tests, such as the SAT and the American College Test (ACT), provide a means of predicting academic success at Point Park University. The third area is an evaluation of personal qualities and achievements which includes participation in extra-curricular activities, community involvement and the recommendation of guidance counselors, teachers and others who know the applicant well.

All applications for Admission are reviewed for an admission decision. No applicant is automatically denied admission. Point Park does not offer early decision to its freshmen applicants. The average Point Park first year student applicant has an cumulative 3.3 academic G.P.A. in college preparatory classes, a SAT score of 1066, or an ACT composite of 22. **Admission requirements** for freshmen applicants are:

- a cumulative 2.50 academic weighted G.P.A. on a 4.0 scale in a recommended college preparatory program
- an SAT score of 950 weighted
- an ACT composite of 18

A recommended college preparatory curriculum includes:

- 4 years of English
- 3 years of math including Algebra I, Algebra II, and Geometry
- 3 years of history or social science
- 3 years of science to include 1 year of a laboratory science

Admission into the Foundations for Success Program

Freshmen applicants *not* meeting Admission requirements may be, upon review by the Admission committee, offered admission into our Foundations for Success Program. Visit the Center for Student Success (CSS) webpage for additional information.

Applying for Admission

The documents required for a completed application include an application form, an official secondary school transcript and SAT or ACT test scores. The application fee is: paper - \$40; online - free. All freshmen admission candidates must have completed an academic program in secondary studies or, in the judgment of the Admission Committee, have achieved an equivalent competence prior to matriculation.

Dual Enrollment

A student with an exceptional academic record and a recommendation from high school officials and parents may apply for early admission at the end of the junior year. It is recommended that students interested in dual enrollment take the SAT in March or May of their junior year in high school.

Admission with Transfer Credits

Students who enter with first year status may be eligible for admission with advanced standing. Credits may be granted for the Advanced Placement (AP) Examination Program of the College Board. AP Exams will be accepted for credit if student scores a 3, 4 or 5. High school students who are taking classes at a college or university may be eligible for transfer credits. Credits earned at other colleges and universities are evaluated in accordance with the Point Park University equivalency standards and applied to the program chosen by the student. The courses to be transferred must be equivalent in content and hours to those offered by Point Park University. The grades must be a "C" or above.

Students who earn scores of 4 or 5 on the Advanced Placement English Language and Composition exam can complete ENGL 101 with that score. Students completing the International Baccalaureate Program with an IB Diploma with an international baccalaureate exam with a score of 5 or above can complete ENGL 101. Students who earn a 4 or 5 on the English Literature and Composition exam will complete ENGL 120. For more information about Advanced Standing, contact the Office of the University Registrar.

Test Optional

Point Park University offers test optional admission to students. Please review the explanation and eligibility criteria below to determine if you would like to pursue this option.

What is Test Optional Admission?

National research and empirical evidence has indicated that standardized tests are not always reliable predictors of academic success at the college level. Rather, a more holistic review is often more predictive based on a student's academic achievements in a rigorous college preparatory curriculum and his or her contributions to school and community through activities that demonstrate leadership potential and community engagement. Point Park University's adoption of a test optional policy in no way diminishes the careful attention to the evaluation of student credentials in the admission review process. To the contrary, this holistic review requires an even more thorough evaluation of a student's performance in all areas of high school performance and community contributions.

Who Should Apply as a Test Optional Candidate?

The test optional admission choice is for students who do not believe that their standardized test scores accurately indicate their true potential or reflect their accomplishments. These students may feel that an evaluation of their college preparatory curriculum and consideration of their extracurricular accomplishments and leadership experiences will provide a more accurate, holistic indication of successful college work and persistence to graduation.

Requirements:

- a. Student must have achieved a weighted cumulative GPA of 3.0 (4.0 Scale) by the end of their junior year of high school in college preparatory course as recommended in the Undergraduate Catalog
- b. Student must provide at least one letter of recommendation from a high school teacher, school counselor or administrator
- c. Student must submit:
 - i. A graded paper from a high school class or project

OR

 - ii. A writing sample of 500 words or less on a topic of your choice

OR

 - iii. A writing sample of 500 words or less answering the following question:

Describe a goal that you have set for yourself that you may or may not have yet achieved. Include examples that demonstrate your work ethic toward achieving this goal, how long you have been working towards this goal, and whether your efforts thus far have been successful.

Who is Not Eligible for Test Optional Admission?

Home schooled students are not eligible for test optional admission because the nature of the home school environment presents difficulties in determining curricular rigor and academic engagement. All home schooled students must still submit standardized test scores.

International students are still required to submit a completed admission application and standardized test scores as outlined on the [admission pages for international students](#).

Recruited student athletes are not permitted to apply test optional.

Students who have earned their General Equivalency Degree (GED) are not eligible.

Transfer Students

Point Park University accepts applications from students who have attended a regionally accredited two-year technical school, two-year community college or four-year institution of higher education. Since most transfer students will be eligible for credit transfer, it is strongly recommended that students submit their completed applications as early as possible prior to the beginning of the academic term in which they are interested. Admission decisions are made shortly after a candidate's application is completed. Transfer applicants who have a Grade Point Average (G.P.A.) of 2.00 or above are normally considered eligible for admission. An interview with an admission officer may be required prior to a final decision.

Credit for College Level Courses

Credit for college-level courses or workshops may be granted to students who have successfully completed courses or workshops for college credit and who submit for consideration an official transcript of the academic credits earned. Eligible students include those who have completed such courses while attending secondary school as well as transfer students from an accredited two-year technical school, junior or community college, and four-year institution of higher education. Credits earned at other colleges or universities are evaluated in accordance with the Point Park University equivalency standards and applied to the program chosen by the student. The courses to be transferred must be equivalent in content and hours to those offered by Point Park University. The grades must be “C” or above.

Credit may also be granted for the College-Level Examination Program (CLEP), Advanced Placement Examinations for Point Park University courses, Armed Services courses, Defense Activity for Non-Traditional Education Support (DANTES) and Experiential Learning.

Veterans

Applying for Admission

Veterans should submit the application for admission with the application fee (paper - \$40; online - free), and have educational records from high school and any other educational institution attended sent to the Office of Admission. An interview with an admission counselor is recommended for all applicants and will be required if it is determined that a veteran has not met the regular admission requirements.

Military Deployment Policy for Point Park University

Point Park University has established a policy to assist military personnel who may be called to active duty during an academic semester. The purpose of this policy is to provide guidelines regarding grading, withdrawals, and tuition and fees. The student must notify the Office of the University Registrar in writing of the activation order. The Military Leave of Absence Request should be completed. The form is located in the [Office of the University Registrar](#). The student will remain on the program guide for his or her degree upon return unless the degree program has significantly changed and the student’s adviser and/or department chair recommends that the student move to an updated program guide.

The student can select from the following three options:

1. Grading
 - A. A student can receive the grade he or she has earned to date in the enrolled class provided that more than 75 percent of the class meetings have expired, and both the faculty and student agree upon this option. The appropriate credits for the course and grade will be assigned in the official grading period at the end of the semester. A student selecting this option will not be refunded any tuition or fees.
 - B. A student can ask for an Incomplete (I grade) at the end of the course if both the faculty and student agree upon this option. The student and faculty will need to discuss the completion requirements for the course. A student selecting the incomplete grade option will have one year after return from active duty to contact the University to make arrangements to complete the course requirements and thus remove the I grade.* If the incomplete is not satisfied by this time, the grade will be converted to an “F” or other grade agreed upon by the faculty member and student when the incomplete grade request was made. The student selecting this option will not be refunded any tuition or fees.
*Any student who has received an Incomplete (I) grade, and whose course has been discontinued, or if the faculty member is no longer with the University, should contact the department chair to arrange for completion of the course.
 - C. Withdrawals
A student can elect to withdraw from one or all courses with a “W” grade at any time during the semester in which military activation occurs by informing the University Registrar. If the student selects this option, his/her tuition and fees will be refunded or credited in full, without credits

awarded for this term. Students need to be aware that choosing this option may result in the need to return funds to the University.

2. Residence Hall and other fees:

Students who are in a residence hall at Point Park University may at any time during the semester of military activation be released from their contract for room and board. These and other fees will be refunded for the unused portion of the contract on a pro rata basis.

Leave of Absence & Re-Admission

A student must fill out a Leave of Absence form if the student is a) full-time or part-time and will miss one semester or b) online and will miss two consecutive eight-week sessions. Failure to do so will require the student to go through readmission in the Office of Admission and to follow the program of study in effect during the term of return.

A student must have a cumulative G.P.A. of 2.0 or above to apply for a leave of absence. A student granted a leave of absence may return and maintain the same degree requirements that the student was following during the student's last term of attendance at the University. Any university financial aid will be maintained. There is no guarantee about State or Federal financial aid. Please see the Office of Financial Aid for more information.

Former students re-applying for admission to the University are subject to the same fees and evaluation processes as first-time applicants. Re-admitted students will continue their studies under the provisions of the graduation requirements in effect when they return to the University. If the desired degree's program has substantially changed, the student may be moved to new degree requirements.

Acceptance of Offer of Admission

All applicants admitted as full-time students are required to pay a tuition deposit of \$350 to reserve a place in the academic program of their choice. This fee is credited to tuition charges incurred in the first semester. Non-refundable deposits for fall are due May 1 and non-refundable spring deposits are due December 1.

Part-Time Studies

The Office of Admission handles applications from part-time students and is open 8:30 a.m. to 4:30 p.m. Monday through Friday and 9:00 am to 12 p.m. on select Saturdays. An applicant wishing to reach the Office of Admission after hours may leave a voice-mail message at (412) 392-3430 or e-mail enroll@pointpark.edu. An admission representative will respond as soon as possible.

Undergraduate students enrolled in fewer than 12 credits per semester are part-time students. A large percentage of the student population at Point Park University traditionally has been part-time students, many of whom are working adults completing their degrees while attending to employment and family responsibilities. Part-time students have access to online, day and evening classes and to all University facilities and services. Many programs of study can be completed on a part-time basis. For specific information, please contact the Office of Admission.

Applicants wishing to enter Point Park University as undergraduate part-time students must submit a completed admission application with the appropriate documentation. The \$20 application fee is waived if the application is submitted online. Part-time applicants are exempt from the full-time requirement of submitting SAT or ACT scores; however, all applicants using the General Equivalency Diploma (G.E.D.) test as a basis for admission must submit a record of their test scores.

The University reserves the right to require an interview or supplementary materials for any applicant (degree or non-degree) and to use these as a means for making an admission decision.

Criteria for Admission

Part-time students may enter the University either as degree candidates or as non-degree students.

1. Degree admission requires a satisfactory transcript from either a high school or post-secondary institution. Students who have a Grade Point Average of 2.00 or above are normally considered eligible for admission. In order to serve as the basis for admission, transcripts from post-secondary institutions must include a minimum of 12 earned credits or six months of training.
2. Non-degree admission, primarily for students who seek university credits but who are not formally declaring a major, requires a copy of a relevant diploma (high school or post-secondary) or a document of similar standing. Any other waiver of documentation requires the consent of the Office of Admission. Credits earned while on non-degree status may apply toward the chosen degree program. Non-degree students may establish eligibility for degree status in one of two ways: a) complete 15 credits with an average grade of “C” or above, or b) submit the appropriate transcript.
3. Special summer students (those in good standing at other institutions who wish to attend any summer session at Point Park University) qualify for non-degree admission.
4. With the exception of the summer academic sessions, international students on F-1 student visas may not attend on a part-time basis.

Acceptance of Offer of Admission

All applicants admitted as part-time students are required to pay a tuition deposit of \$50.00 to reserve a place in the academic program of their choice. This fee is credited to charges incurred in the first semester. Deposits are non-refundable.

Calendar of Studies

The University operates under a calendar consisting of two 14-week terms: the Fall term beginning in late August and the Spring term beginning in January. In addition to the two semester terms, there are various configurations for the Summer term, including six-week and 12-week sessions. The University also offers special format courses for the convenience of part-time students. Thus, part-time students taking a variety of courses in all terms can expect to earn as many as 20-30 credits in a year. Totally online programs are offered in 8 week sessions with 6 start points throughout the year.

Scheduling Options

The University schedules classes in a variety of formats, including on-line classes, hybrid classes, early morning classes, regular day classes, lunch-hour classes, late afternoon classes, early and late evening classes and a variety of Saturday classes. Part-time students are therefore able to schedule several classes per term by attending only one or two times per week.

Online Programs

The Graduate Admissions Office facilitates online program admission. Office hours are 8:30 a.m. to 4:30 p.m. Monday – Friday, and select Saturdays throughout the year. An applicant wishing to learn more about online programs should visit <http://online.pointpark.edu> or call 888-495-4144.

International Student Services and Enrollment

Students who are not citizens of or do not hold permanent residency in the U.S. are required to apply to Point Park University to study under a U.S. government visa.

International or permanent resident applicants whose primary language is not English may demonstrate English language proficiency by submitting a score from either the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) necessary for admission and scholarship. A TOEFL score of 500 or better (61 on the Internet-based test) or a test band of 6.0 on the IELTS are required for undergraduate consideration. Students may also show proficiency with a SAT Verbal score of 420 or ACT English score of 15 or higher. Students should request test scores be sent directly to Point Park University; Institution Code 2676 (TOEFL or SAT), 3530 (ACT). Test scores sent directly to Point Park University must be dated within one year of application date. Students may also prove English proficiency with official transcripts showing two on-ground university-level English Composition courses (level 100 or higher) from a U.S. institution with final grades of "B" or higher. A GPA of 2.5/4.0 is required for first year admission; 2.0/4.0 for transfer consideration. If applicants fall below the given requirements, the Office of International Students and Enrollment will work with individuals in order to create an alternative education path to ensure success.

International applicants whose primary language is English must submit a score from the SAT/ACT in order to be considered for admission and scholarship with Point Park University. Minimum scores of 18 ACT or 950 SAT are necessary along with all other application components.

English as a Second Language Program

Point Park University, in partnership with Duquesne University and ELS Language Center, provides a variety of options in English language instruction. Successful completion of Duquesne's advanced ESL or ELS level 112 allows you to matriculate to Point Park without taking the TOEFL or IELTS test to most of our programs.

Point Park University will accept proof of completion of Duquesne University's advanced level B or ELS Language Center Intensive Level 112 as satisfying the requirements for English proficiency. Students who have met Point Park's academic requirements but have not satisfied the English requirements, may apply for conditional admission based upon eventual completion of either the required Duquesne University or ELS Language Center level or one of Point Park's accepted standardized test such as TOEFL or IELTS.

To learn more about Duquesne University or ELS and possible conditional admission to Point Park University, please visit [Duquesne University](#) or [ELS](#).

Criteria for Admission

Point Park University reviews each application according to its merits and with sensitivity to the cultural and education background of the applicant. The criteria take into consideration the differences that exist between educational systems throughout the world. The International Student Services and Enrollment (ISSE) examines each application on an individual basis.

Certain criteria, however, must be met by all degree applicants. Applicants must be graduates of secondary or post-secondary level accredited institutions. In assessing each applicant's transcript, attention also is given to demonstrated success in such subjects as the sciences and arts, mathematics, social sciences, global studies, the arts and humanity courses.

International students interested in the University's degree programs who are entering as transfer or post-baccalaureate students are evaluated primarily upon their academic success and potential as determined by their

post-secondary school transcripts. Students who transfer from other United States colleges or universities must have obtained a minimum 2.00 grade point average (on a 4.00 scale) to be considered for admission.

Application Procedures

International or permanent resident students who wish to apply for admission to Point Park University as degree candidates should obtain the International Application Form online or contact the office directly. The application must be submitted with the following support documents:

All secondary and post-secondary academic records (with accompanying English translation). Originals or certified copies are required.

SAT/ACT or TOEFL/IELTS test scores

Verification of finances. An original bank statement showing appropriate funds certified within the past 30 days. (Required for I-20 generation)

Student Health Record (Required for enrollment)

For additional information on the international application procedures, please visit the [ISSE](#) webpage.

Transfer Credit Evaluation

Point Park University will award credits for candidates completing Higher Level (HL) courses in International Baccalaureate programs. Only scores of 5 or higher will be considered with a maximum of 8 credits eligible for transfer.

International Students who have completed post-secondary education either in the United States or abroad may be eligible for credit transfer to Point Park University. International students wishing to receive credits from institutions abroad should submit their original transcripts and description (or syllabus) of the post-secondary courses. The International Office reviews the documents and makes recommendations for the number of credits that can be transferred. The Registrar's Office makes the final determination and approves all transfer credits. After the review process, the students will receive a Transfer Credit Evaluation (TCE) of their program which will indicate the number of transfer credits accepted by the University.

Notification of Admission Decision

The International Student Services and Enrollment reviews all completed applications for admission. Students will be notified of the admission decision via e-mail (if available) immediately after a review of the completed application has taken place. Students residing outside the United States will receive the decision by air mail and, where feasible, by special delivery or express mail.

Students who have been admitted to Point Park University will receive a formal letter of acceptance and the Certificate of Eligibility Form I-20. The I-20 will be necessary to obtain the F-1 student visa from the United States Embassy or Consulate in the student's country.

Upon receipt of the letter of acceptance, the students must submit the non-refundable University deposit of \$350 (U. S. currency) that guarantees a place in the University and is credited to the student's first term tuition charges. An additional deposit of \$400 is also required if the students wish to reside on campus.

UNIVERSITY CHARGES

The University reserves the right to modify charges if necessary. The charges listed below are effective for the 2019-2020 academic year.

Undergraduate Tuition and Fees 2019-2020

Expenses may be computed on the following basis for each term. COPA refers to the Conservatory of Performing Arts.

Tuition

Full-time tuition (12 - 18 credits per semester) (BCAS)	\$15,590
Full-time tuition (12 - 18 credits per semester) (COPA).....	19,870
Additional credits over 18, per credit (BCAS).....	878
Additional credits over 18, per credit (COPA).....	1,127
University fee (full-time students), per semester	325
Technology Fee (full-time students), per semester.....	200
Activity Fee (full-time students), per semester.....	185
Health Services Fee (full-time students), per semester	75
Part-time tuition per credit (BCAS)	878
Part-time tuition per credit (COPA)	1,127
University fee (part-time students, per credit).....	50
Technology Fee (part-time students, per credit)	10
Health Services Fee (part-time students, per credit).....	5

Double Majors:

Students who are completing a major in a Conservatory program and also are completing a second major in a program in the School of Arts and Sciences, Communication, or Business will be charged the tuition rate for all credits taken at the Conservatory program rate. The Conservatory rate would apply to all credits including overload credits.

Fully Online Undergraduate Programs Tuition and Fees

Tuition per credit.....	\$480
Technology fee per credit	30

University Fees

Full-time Students (undergraduate - 12 or more credits), per semester.....	\$325
Part-time Students, per credit.....	50
Fully Online Programs.....	None

The University fee covers expansion of University facilities, services performed by the library, the identification card and other student services. Students enrolled concurrently in undergraduate and graduate classes at Point Park University will be charged the per credit hour rate for each respective course.

Activity Fees

Full-time Students (undergraduate - 12 or more credits), per semester	\$185
Part-time, Accelerated and Fully Online Students	None

Health Services Fees

Full-time undergraduate students, per semester	\$75
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Part-time undergraduate students, per credit.....5

Technology Fees

Full-time Students (undergraduate – 12 or more credits), per semester..... \$200
 Part-time Students, per credit..... 10
 Fully Online Students, per credit..... 30

The Activity Fee of \$185 per full-time undergraduate student is paid each term in addition to tuition and other fees. The income is applied to various student activities and services including the operation of the Student Center.

Specialized Instructional Fees

Some courses at the University require specialized instruction over and above the usual classroom presentations. Courses in this category may include independent study classes, private voice and private piano lessons, and any classes that include field trips and/or other activities that create ongoing costs to the University.

For courses in programs of this nature, a Specialized Instructional Fee is charged in addition to the cost of the actual credits involved. These fees are based on the proportionately higher cost of offering the course, not on any specific activity included in any given semester. Therefore, these fees are not refundable in whole or in part except in cases of withdrawal from the course before the end of the third week of classes during the Fall and Spring terms or at the end of the first week of classes during the Summer sessions.

Specialized Instructional Fees are published each term with the schedule of classes.

Tuition and Fees Refund Policy

Refunds to students are computed on the basis of the official date of withdrawal certified by the Office of the University Registrar. It is the responsibility of the student to notify the Office of the University Registrar in writing on the day of withdrawal and inquire with the Office of Student Accounts about a refund. Refunds of tuition will not be made to students who are suspended or dismissed. Withdrawing or dropping courses may affect a student’s financial aid awards; therefore, students should meet with the Office of Financial Aid when considering a drop or withdrawal.

Tuition and fees are refunded as follows. Please note that fees are not refunded after the seventh calendar day of the semester.

<u>Fall and Spring 15-week Courses</u>	Refund
1-7 calendar days, inclusive -all fees	100%
8-14 calendar days, Tuition Only.....	50%
More than 14 calendar days.....	None
<u>Fall and Spring Courses less than 15 weeks</u>	Refund
1-7 calendar days, inclusive -all fees	100%
More than 7 calendar days.....	None
<u>Summer Sessions (Six- and Twelve-week Terms)</u>	
1-7 calendar days, inclusive	100%
More than 7 calendar days.....	None
<u>Fully Online Programs</u>	
Final day of Schedule Change period, inclusive -all fees	100%

The advanced tuition deposit of \$350 is non-refundable.

Room and Board Costs Per Semester

Housing for each semester:

Residence Halls—Lawrence Hall and Thayer Hall

Single Room (per semester). \$4,020

Double Room (per semester).....	\$2,710
Triple Room (per semester).....	\$2,480

Suites—Conestoga and Pioneer Suites:

Fall or Spring Semester.....	\$4230
Summer Semester.....	\$3,420

Boulevard Apartments

4 Beds (per semester).....	\$4,600
6 Beds (per semester).....	\$4,500

Meal Plan Options – Available to All Students

Unlimited Meal Flex Plan with \$150 Flex (per semester).....	\$3,510
19 Meal Flex Plan with \$200 Flex (per semester).....	\$3,270
14 Meal Flex Plan with \$200 Flex Dollars (per semester).....	\$3,060
10 Meal Flex Plan with \$275 Flex Dollars (per semester).....	\$2,870
75 Block Plan with \$200 Flex Dollars (per semester).....	\$970
50 Block Plan with \$200 Flex Dollars (per semester).....	\$740
30 Block Plan with \$200 Flex Dollars (per semester).....	\$560
Flex Dollars (per semester).....	\$400

Apartment and Commuter Meal Plan:

75 Block Plan with \$200 Flex Dollars (per semester).....	\$970
50 Block Plan with \$200 Flex Dollars (per semester).....	\$740
30 Block Plan with \$200 Flex Dollars (per semester).....	\$560
Flex Dollars (per semester).....	\$400

Single rooms are available on a limited basis. Priority is given to students with junior or senior status. The \$400 housing deposit, submitted with the Housing contract, is placed in escrow for the length of time the student lives in the residence halls. Full refund of the deposit is granted upon a student’s termination of residence provided that there have been no damages and there is not a balance on the student’s account.

Room and Board Refund Policy

Unless the student cancels the Housing and Food Service Contract prior to the published cancellation date, only \$150 of the housing deposit will be refunded. The deposit will be applied to any outstanding student account balance.

Any student who voluntarily moves out of the residence halls after taking occupancy of the room and prior to the end of the term, will be subject to the following refund schedule:

- First calendar week: 90%
- Second calendar week: 75%
- Third calendar week: 50%
- Fourth calendar week: no refund

Miscellaneous Fees

Pioneer Experience Orientation Fee.....	\$130
Audit - Undergraduate (BCAS):	(50% of per credit charge)
Audit - Undergraduate (COPA):.....	(50% of per credit charge)
Audit - Graduate	(50% of per credit charge)
Credit by Examination	\$75 per test plus \$100 per credit
Credit for Experiential Learning.....	\$75 per evaluation plus \$100 per credit
Independent Study Specialized Instruction Fee	\$65 per credit
Private voice/piano fee	\$750

Late Payment Fee.....	\$75/month
Payment Plan Late Fee.....	\$25/month
Employer Reimbursed Late Fee.....	\$75/month
Deferred payment option	
5 month payment plan.....	\$25/semester
4 month payment plan.....	\$65/semester
Fully Online Program Payment Plans.....	\$35/term
10 month payment plan.....	\$25/year
9 month payment plan.....	\$50/year
8 month payment plan.....	\$115/year
Employer reimbursed.....	\$45/semester

Miscellaneous late fees may be charged by the Office of the University Registrar and by the Office of Student Accounts. These charges are listed in course books. These charges are listed in course books and on the website for Point Park University.

***Plus any Specialized Instructional Fees**

Payment Schedule

All University charges including tuition, fees, room and board, are due prior to the first day of the semester. Tuition due dates are posted on the University's website. If registration occurs after the tuition due date, payment is due immediately.

The University accepts multiple payment methods. Check or money order payments can be mailed or made in-person in the Office of Student Accounts. Payments can also be made online with a MasterCard, Discover Card, Visa Card, American Express or eCheck. A 2.55% processing fee is added to all credit card transactions. There is no charge for eCheck transactions. The University will accept cash payment in-person only. A secure payment drop box is located outside of the Office of Student Accounts for check and money order payments made after business hours. All checks returned from the bank will be assessed a \$25 service charge in addition to the amount of the check.

Students must receive a financial clearance each semester. The Office of Student Accounts will assess a monthly late fee to any student account that is not paid in full or accounts that have not made official payment arrangements by the tuition due date.

Point Park University offers several payment plan options for students. Students who do not have sufficient financial aid or who are not eligible for financial aid can select to participate in a payment plan with the University. Students must sign up for a payment plan on or before the tuition due date. For more detailed information on the payment plans students are encouraged to view the University website or visit the Office of Student Accounts.

Employer reimbursed students may defer payment of charges by enrolling in the University Employer Reimbursement program. The deferred amount is limited to the amount reimbursed by the student's employer. Students must submit the Employer Reimbursed Tuition Agreement, the deferment fee, and confirmation of employer benefits to participate. For more detailed information on the Employer Reimbursement program students are encouraged to view the University website or visit the Office of Student Accounts.

Financial Registration Terms and Conditions

All students who register for courses at Point Park University must agree to the financial registration terms and conditions. Students will agree to the terms and conditions upon signing into PointWeb. The terms and conditions are available for print on the University's website and on PointWeb.

FINANCIAL AID

The Office of Financial Aid is open 8:30 a.m. to 4:30 p.m. Monday – Friday, and select Saturdays throughout the year

Financial Aid: Full-Time Students

To make it possible for full-time students to take advantage of the educational opportunities at Point Park University, the Office of Financial Aid coordinates a variety of merit and need-based financial assistance programs. Scholarships, grants, loans, and employment are available from a variety of federal, state and institutional sources.

The steps outlined below explain how to apply for all forms of financial aid:

1. **Be admitted Point Park University.**
2. **Complete the Free Application for Federal Student Aid (FAFSA).** Completing this form will enable students to be considered for all federally funded Title IV programs, including the Federal Pell Grant Program, the Federal Direct Stafford Loan Program, financial aid from Point Park University sources, and, for Commonwealth of Pennsylvania residents, the Pennsylvania State Grant Program. The FAFSA is available online at www.fafsa.gov. The student should list Point Park University on the FAFSA, with the Title IV Code of 003357.

The federal government randomly selects some student applications for verification. Those students will be required to submit a copy of the federal tax transcript. If needed, a copy of the student's tax transcript may be requested directly from the Internal Revenue Service (www.irs.gov). The student and parent should retain copies of any financial information used to complete the FAFSA in the event that they are requested by our office.

Determining the Financial Aid Award

All financial aid awards are made in compliance with federal, state and institutional policies.

Financial aid awards for full-time students at Point Park University are determined on the basis of academic achievement, artistic or athletic talent and/or financial need. Point Park University develops a financial aid budget that takes into consideration direct costs (tuition, fees, room/board) and indirect costs (supplies, travel, and personal expenses).

The Expected Family Contribution (EFC) is determined through a standard called Federal Methodology, which measures a family's ability to pay for higher education. The FAFSA is used to collect data needed to perform the needs analysis calculations. To determine a student's financial aid eligibility, the University subtracts the student's EFC from his/her budget and awards funds available through federal, state and institutional aid programs. The University may not be able to meet full financial need as determined by the FAFSA.

All recipients of Federal Funds are subject to the Return of Title IV funds policy if they totally withdraw from all classes.

Scholarships and Awards

Scholarships and Awards for School of Arts and Sciences, School of Business and School of Communication Freshmen

Scholarships below are applicable to both domestic (U.S. Citizens and eligible non-citizens) and international students. They are considered to be merit aid and offset the cost of tuition and fees only. Point Park University awards academic merit scholarships to students with qualifying GPA and standardized test scores or who qualify under the test optional admission criteria. The awards are:

- Presidential Scholarship -
- Vice Presidential Scholarship

Trustee Scholarship
Founders Scholarship -
Point Park Opportunity Grant -

Scholarships and Awards for School of Arts and Sciences, School of Business and School of Communication Transfer Students

Scholarships below are applicable to both domestic (U.S. Citizens and eligible non-citizens) and international students. They are considered to be merit aid and offset the cost of tuition and fees only. In order to retain the scholarship each year, the student must meet the Satisfactory Academic Progress guidelines.

Transfer Presidential

The Transfer Presidential Scholarship is awarded annually (Fall and Spring semesters) for full-time transfer students who have a 3.5 GPA or higher.

Transfer Trustee

The Transfer Trustee Scholarship is awarded annually (Fall and Spring semesters) for full-time transfer students who have a 3.0-3.49 GPA.

Transfer Award

The Transfer Award is awarded annually (Fall and Spring semesters) for full-time transfer students who have a 2.5-2.99 GPA or higher.

Point Park Opportunity Grant

The Point Park Opportunity Grant is awarded for \$5,000 annually (Fall and Spring Semesters) for full-time transfer students who have a 2.0 - 2.49 GPA

Phi Theta Kappa Award

The Transfer Award is awarded for \$1,500 annually (Fall and Spring semesters) for full-time transfer students who transfer in from a community college, are members of Phi Theta Kappa and have a 2.5 GPA or higher. Eligible students are notified of the award at the time of admission. Merit aid is to be used to offset the cost of tuition and fees only.

Scholarships and Awards for Conservatory Freshmen and Transfers

Students majoring in Dance, Theatre Arts, Animation & Visual Effects, Cinema Production and Digital Arts, and Screenwriting must be admitted both academically and artistically. Total maximum of the Artistic Achievement Award and the Dean's Academic Scholarship will not exceed \$25,000 annually. Merit aid is to be used to offset the cost of tuition and fees only.

All of the scholarships below are applicable to both domestic (U.S. Citizens and eligible non-citizens) and international students. They are considered to be merit aid and offset the cost of tuition and fees only.

Artistic Achievement Award

The Artistic Achievement Award is awarded for \$3,000 - \$25,000 annually (Fall and Spring semesters) to full-time first year students who have demonstrated a high caliber of artistic ability through the audition process and/or personal interview.

To remain eligible for the Artistic Achievement Award, students must maintain a 3.0 grade point average and continue to enroll as a traditional full-time undergraduate student in the Conservatory of Performing Arts at Point Park University. These awards are merit aid and to be used to offset the cost of tuition and fees only.

Dean's Academic Scholarship For Conservatory First Year Students

The Dean's Academic Scholarship is awarded for \$5,000 annually (Fall and Spring semesters) to full-time

first year students who meet the following criteria:

- A 3.5 high school grade point average on a 4.0 scale
- A combined total of 1200 on the reading/writing and math sections of the SAT or
- A composite score of 26 on the ACT

To remain eligible for the Dean's Academic Scholarship, students must maintain a 3.0 grade point average and continue to enroll as a traditional full-time undergraduate student in the Conservatory of Performing Arts at Point Park University. Merit aid is to be used to offset the cost of tuition and fees only.

For Conservatory Transfers

Full-time transfer students who have attained a 3.5 GPA are eligible for \$5,000 per year (Fall and Spring semesters). To remain eligible for the Dean's Academic Scholarship, students must maintain a 3.0 grade point average and continue to enroll as a traditional full-time undergraduate student at Point Park University. Merit aid is to be used to offset the cost of tuition and fees only.

Additional Awards

Athletic Scholarships

Point Park University offers athletic scholarships for competition in men's and women's basketball, men's and women's cross country, men's baseball, men's and women's golf, men's and women's soccer, women's softball, men's and women's track and field, the cheer and dance team, and women's volleyball. Contact the Athletic Department for more information.

Loti C. Falk Dance Scholarship

The Conservatory of Performing Arts awards the Loti C. Falk Dance Scholarship annually to an outstanding dance student selected by the Dance faculty. Contact the COPA Dance Department chair for more information and application materials.

William K. Leech Educational Grant

This annual award is presented to a Performing Arts major who is pursuing a career in children's theater. It is named in honor of the late Mr. William K. Leech, founder and longtime producer/director/writer for the Playhouse Jr. The award is presented at the Conservatory of Performing Arts annual spring banquet. Contact the COPA Office for more information.

Vincent J. LaBarbera Scholarship

This scholarship honors the memory of a longtime faculty member and chair of the Department of Journalism and Mass Communication. Applicants must have completed at least one semester of undergraduate work in the Journalism and Mass Communication major and have earned a cumulative Point Park University G.P.A. of 3.3 or higher. This scholarship is awarded each April. Contact the School of Communication for more information and application materials.

John V. Hopkins Scholarship

This competition is held in the spring of each year and is open to full-time students who will be juniors or seniors in the upcoming fall semester. All entrants must have a cumulative Point Park University G.P.A. of 3.5 or above and must write an original essay of 1,000 to 2,000 words on a given topic. These essays must be original and prepared especially for this competition. Contact the Office of the Provost or more information and application materials.

Non-Traditional Student Scholarship

This competition is held in the spring of each year and is open to both part-time and full-time students who are at least 25 years old, pursuing their first university degree, and have little or no previous university experience. All entrants must have a cumulative Point Park University G.P.A. of 3.0 or above and complete a 500-word essay on a specific question. The value of this award is equivalent to the cost of three undergraduate

academic credits. Contact the Office of the Provost or more information and application materials.

Eberly Scholarship

The Eberly family, through its generosity, has established the Eberly Foundation Scholarship Fund at Point Park University. Students from Fayette County are eligible to receive the Eberly Scholarship. Superior academic achievement, good moral character, and financial need are all considered in the awarding of this scholarship. Contact the Office of Financial Aid for more information and application materials.

Myron Cope Scholarship

The Myron Cope Scholarship is available to junior and senior students with a 3.0 QPA who are interested in sports journalism and broadcasting. Students should submit a resume, detailing journalistic experiences to date, and then write an essay of up to 750 words on Mr. Cope's contributions and influence on sports journalism and sports coverage in Western Pennsylvania and beyond.

MARC USA Scholar Award

The MARC USA Scholar Award is for a junior or senior committed to advertising, marketing communication and/or public relations careers following graduation. Eligible students must have a 3.0 QPA and complete and application form, submit a resume and write a 500-word essay on why they are pursuing such careers.

Margy Snyder Broadcast Award

The Margy Snyder Broadcast Scholarship is available to a junior or senior student with a minimum 3.0 QPA. Students must complete an application form, write a one-page essay about what influenced them to major in broadcasting and submit a resume, three broadcast work samples and two references.

Pittsburgh Post-Gazette Scholarship and Internship

The Pittsburgh Post-Gazette Scholarship and Internship is a scholarship and internship for juniors and seniors interested in reporting, layout and design, photography or website work. Students must have a 3.0 QPA and have completed the practicum or be registered to complete it next academic year. Students must submit a portfolio with at least five work samples. Internship can be scheduled summer, fall or spring semesters.

William G. Schmid Jr. Scholarship

The William G. Schmid Jr. Scholarship is an award for sophomore, junior or senior JMC majors who will either double major or minor in any of the social sciences (History, political science, criminal justice, economics, etc.) Eligible students must have a 3.0 QPA and write a letter to the Schmid Scholarship Committee explaining their goals as a journalist and how the minor or double major will further their studies and career.

Bernard/Thomas Scholarship

The Bernard/Thomas Scholarship award is given to a student who has been active and taken a leadership role in the student media or worked for the Innocence Institute of Point Park University.

Changing your major may affect the amount of financial aid offered.

Grants

Point Park University Grant

Point Park University Grants are awarded on the basis of demonstrated financial need. The amount of the award is based on the level of the student's financial need and the availability of funds. All students who complete a Free Application for Federal Student Aid (FAFSA) will be considered for this funding.

Federal Pell Grant

The Federal Pell Grant Program provides assistance to students who demonstrate financial need according to economic criteria and program requirements established by the federal government. To be eligible students

must enroll in a degree or approved certificate/diploma program and be matriculated for their first bachelor's degree. There is a limit to the amount of Federal Pell Grant Funding you can receive during your education. You will be notified by the Department of Education if you are at your lifetime eligibility limit.

Federal Supplemental Educational Opportunity Grant (FSEOG)

This program is funded by the U.S. Department of Education and administered by Point Park University to provide assistance to students with exceptional financial need. Students with high need who qualify for a Federal Pell Grant are considered for this grant.

Pennsylvania State Grant Program*

The Pennsylvania State Grant is a resource available to Pennsylvania state residents who are enrolled at least a half-time (6 credits per semester). Eligibility is based on income information and dependency status as reported on a student's Free Application for Federal Student Aid (FAFSA) and reviewed by the Pennsylvania Higher Education Assistance Agency (PHEAA).

*Students who are not residents of Pennsylvania may be eligible for similar grants from their own state agencies. Among the states currently offering grants that may be used by students attending Point Park University are Connecticut, Delaware, Maryland, Massachusetts, Michigan, Ohio, Rhode Island, Vermont, West Virginia, and Maine. To arrange for such state grants, students should contact their appropriate state agency.

Student Employment

Students attending Point Park University in a degree program may be eligible for student employment up to a maximum of 20 hours per week while in school. Many students take advantage of these employment opportunities, recognizing the personal and professional benefits that come from working.

Federal Work Study Program (FWSP)

The federal government and Point Park University subsidize the FWSP. Eligible students may be employed during the academic year according to the guidelines established for this program.

The Financial Aid Office determines award amounts based on demonstrated need. Students interested in the program are encouraged to contact the Financial Aid Office for more information and program requirements.

Point Park University General Work

The University may have a very limited number of general part-time work positions available to students for employment within the institution. Students should contact the Office of Human Resources for more information and application materials.

Student Loans

Student loan programs make it possible for individuals to borrow funds to help cover a portion of their educational expenses. These loans, which offer long-term repayment and low-interest rates, enable students to postpone the cost of education until after graduation.

Federal Perkins Loan Program

Federal Perkins Loans are typically given to the neediest students. These loans are repaid beginning nine months after recipients graduate, withdraw or drop below 6 credits per semester. Repayment may be extended over a ten-year period, with an annual interest rate of 5 percent.

Federal Direct Loans

The federal government has maximum loan limits available to students on an annual and aggregate (lifetime) basis for undergraduate education. Students may borrow up to \$5,500 per year as first year students, \$6,500 per year as sophomores, and \$7,500 per year as juniors and seniors. The maximum lifetime borrowing

limit as a dependent undergraduate student is \$31,000. There are separate maximums for subsidized and unsubsidized loans. Subsidized loans are based on financial need and the federal government pays the interest while the student is in school. Unsubsidized loans accrue interest while the student is in school and during the six month grace period. Students may pay the interest and principal or defer both on unsubsidized loans while enrolled in school. Repayment of principal and interest for both types of loans begins six months after the student graduates, withdraws or drops below 6 credits per term.

Independent students, graduate/professional students, and some dependent undergraduate students for whom it is documented that their parent(s) cannot obtain a Federal PLUS Loan, are eligible to receive additional unsubsidized loans on an annual and aggregate basis.

Federal Parent Loan for Undergraduate Students (FPLUS)

The FPLUS loan enables parents of dependent undergraduate students to borrow up to the full amount of a Point Park University education minus other aid. The annual interest rate is variable and determined on July 1 of each year. A credit check is performed to determine eligibility.

Private Loans

A student may choose any lender when borrowing a private student loan. It is crucial though that you select a lender and a loan that best suits your academic and financial needs, since there may be differences in interest rates, fees, credit evaluation, academic progress requirements, repayment terms and borrower benefits.

The list of lenders is available through a variety of websites. **This summary information is intended only as a guide for comparison purposes.** Many other options exist for supplemental borrowing. You are **NOT** required to use any of the loans or lenders listed on this guide.

- [ELMSelect](http://www.elmselect.com) <http://www.elmselect.com>
- [Pennsylvania Private Student Loan Marketplace](http://pennsylvania.privateloanmarketplace.com/) <http://pennsylvania.privateloanmarketplace.com/>
- [Pennsylvania Student Choice](http://pennsylvania.studentchoice.org/) <http://pennsylvania.studentchoice.org/>

Student Lending Code Of Conduct

Point Park University is committed to providing students and their families with the best information and processing alternatives available regarding student borrowing. In support of this and in an effort to rule out any perceived or actual conflict of interest between Point Park University officers, employees or agents and education loan lenders, Point Park University has adopted the [Lender Code of Conduct](#).

Financial Aid Programs: Part-Time Students

Point Park University administers a generous and comprehensive program of financial aid for part-time students. The University also participates in tuition reimbursement programs available from many of the region's corporations.

All recipients of federal funds are subject to the Return of the Title IV Funds policy if they totally withdraw from all classes.

Federal Pell Grant

The Federal Pell Grant Program provides assistance to students who demonstrate financial need as a result of completing the FAFSA. To be eligible, students must enroll in a degree or approved certificate program and have not already earned a bachelor's degree. There is a limit to the amount of Federal Pell Grant funding you can receive during your education. You will be notified by the Department of Education if you are at your lifetime eligibility limit. Awards vary based on the student's enrollment status (full-time, three-quarter time, half-time or less than half-time).

Federal Supplemental Educational Opportunity Grant (FSEOG)

This program is funded by the U.S. Department of Education and administered by Point Park University to provide assistance to students with exceptional financial need. Students with high need who qualify for a

Federal Pell Grant are considered for this grant.

Federal Direct Loans

Students may apply for Federal Direct Subsidized and Unsubsidized Loans.

Federal Perkins Loan

Federal Perkins Loans are made possible through a combination of resources: funds from the U.S. Department of Education, Point Park University, and repayment from previous borrowers. Federal Perkins Loans are typically given to the neediest students. These loans are repaid beginning nine months after recipients graduate, withdraw or drop below 6 credits per semester. Repayment may be extended over a ten-year period, with an annual interest rate of 5 percent.

Pennsylvania State Grant Program

The PHEAA grant is a resource available to Pennsylvania state residents who are enrolled at least a half-time (six credits per semester). Eligibility is based on income information, dependency status and direct cost of attendance at Point Park University.

Point Park University Part-Time Grant

Point Park University offers grants to part-time students who show financial need beyond that which can be covered by other forms of aid assistance. The amount of the grant is determined based on the student's financial need and enrollment status. Part-time students taking 6-8 credits may receive up to \$500 per semester; 12+ credits may receive up to \$1000 per semester. These grants are available in fall, spring and summer terms.

All students seeking Point Park University funding must complete the Free Application for Financial Aid (FAFSA) form at www.fafsa.gov.

Alumni Grant

The Alumni Grant provides a discount on undergraduate and graduate courses taken at Point Park University by eligible students. The discount applies to tuition only. It is the responsibility of the student to apply for this discount prior to starting coursework at the University. For eligibility requirements and for more information, please contact the Office of Graduate Admissions. Merit aid is to be used to offset the cost of tuition and fees only.

Community College Grant

Point Park University has established a transfer student program for students from:

- Community College of Allegheny County
- Community College of Beaver County
- Butler County Community College
- Westmoreland County Community College

The Community College Grant is available to students who have earned an associate degree or 60 transferrable credits and want to continue their education at Point Park University. Eligible transfer students admitted to Point Park on a part-time basis will receive \$90 per credit until the completion of 60 credits. Students receiving the Community College Grant may also be eligible for other merit-based and need based financial aid. Student who receive corporate reimbursement are not eligible for the Community College Grant. Merit aid is to be used to offset the cost of tuition and fees only.

Non-Traditional Student Scholarship

This competition is held in the spring of each year and is open to both part-time and full-time students who are at least 25 years old, pursuing their first college degree, and have little or no previous college experience. All entrants must have a cumulative Point Park University G.P.A. of 3.0 or above and complete a 500-word essay on a specific question. The value of this award is the equivalent to the cost of three credits of tuition. Contact the Office of the Provost for more information and application materials. Merit aid is to be used to offset the cost of tuition and fees only.

Corporate Tuition Reimbursement

Employees of companies belonging to the Pittsburgh Downtown Partnership should check with their Human Resource Office regarding special discounts available to Pittsburgh Downtown Partnership companies.

Employees of the City of Pittsburgh receive a 20% discount of their tuition at Point Park University for on ground courses only. Please submit a letter confirming your employment to the Student Accounts Office to receive the discount.

Corporate sponsored students may defer payment of charges by completing the appropriate semester Employer reimbursed Tuition Agreement form. Students must submit the form, the application fee, and the letter from employer to participate. Employer Reimbursed Tuition Agreement forms are available on the University web site and in the Student Accounts Office.

Federal Direct Loans

Part-time students at Point Park University who take a minimum of six credits per semester may apply for a Federal Direct Loan. Loan limits, terms and conditions are the same as for full-time students.

Financial Assistance: International Student Scholarships

Point Park University offers scholarships to international students based on academic merit for study in one of its degree programs. The scholarships and awards are offered for four years of undergraduate study, provided the student continues to meet the original criteria stated in the award, adheres to the guidelines set forth by the student's visa stipulations, and meets standards of academic progress toward completion of degree. International students are not eligible for federal and state grants, but education fees can be subsidized through employment authorized through the U.S. government and the Office of International Student Services and Enrollment.

Scholarships and Awards for School of Arts and Sciences, School of Business and School of Communication First Year Students

International students who take the SAT or ACT exams are eligible for the same scholarships as domestic students. Please see that section of the catalog for additional details regarding GPA and SAT and/or ACT requirements.

The scholarships listed below are for students who do not take the SAT or ACT tests.

International Ambassador

The International Ambassador is awarded for \$12,000 annually (Fall and Spring semesters) to full-time first year students who meet the following criteria:

- A 3.0 high school grade point average in a college preparatory curriculum (based on a 4.0 scale)
- Minimum TOEFL/IELTS score of 550/7.0

To remain eligible for the International Ambassador award, students must maintain a 3.0 grade point average and continue to enroll as a traditional full-time undergraduate student at Point Park University. Merit aid is to be used to offset the cost of tuition and fees only.

International Fellow

The International Fellow is awarded for \$10,000 annually (Fall and Spring semesters) to full-time, first year student who meets the following criteria:

- A 3.0 high school grade point average in a college preparatory curriculum (based on a 4.0 scale)
- Minimum TOEFL/IELTS score of 525/6.0

To remain eligible for the International Fellow award, students must maintain a 3.0 grade point average and continue to enroll as a traditional full-time undergraduate student at Point Park University Merit aid is to be used to offset the cost of tuition and fees only.

Scholarships and Awards for School of Arts and Sciences, School of Business and School of Communication Transfers

International students who transfer into Point Park University are eligible for the same scholarship awards as domestic students.

Scholarships and Awards for Conservatory Freshmen and Transfers

Students majoring in Dance, Theatre Arts, Animation & Visual Effects, Cinema Production and Digital Arts, and Screenwriting must be admitted both academically and artistically. Total maximum of the Artistic Achievement Award and the Dean's Academic Scholarship will not exceed \$25,000 annually. Merit aid is to be used to offset the cost of tuition and fees only.

International students who take the SAT or ACT exams are eligible for the same scholarships as domestic students. Please see that section of the catalog for additional details regarding GPA and SAT and/or ACT requirements.

Employment

The United States Citizenship and Immigration Services (USCIS) allows all students, except ELS students, an opportunity to pursue the equivalency of 12 months of full-time, off-campus employment through Optional Practical Training (OPT) before or after completion of studies. OPT is helpful for gaining work experience in one's particular field of study. Students also may enroll in Curricular Practical Training (CPT) after one year of full-time studies with prior approval from the academic department and the ISSE Office. CPT is work that is both related to the student's academic field and is an integral part of the curriculum.

The USCIS has established policies on employment for international students. **These regulations prohibit international students from working off-campus without prior approval from the USCIS.** However, students who have already completed one year of academic study, and who are experiencing severe financial hardship due to conditions that occurred after their arrival in the United States are allowed to request permission to work from the USCIS.

Satisfactory Academic Progress for Financial Aid Eligibility

The U.S. Department of Education mandates that all students receiving financial aid funding must maintain "Satisfactory Academic Progress" (SAP) to ensure timely degree completion. This policy applies to both federal and institutional awards. Some state grant programs, including Pennsylvania, have different guidelines for measuring progress. There are three criteria that must be met for a student to achieve Satisfactory Academic Progress. They are:

1. Maximum Timeframe to Complete the Program
2. Successful Completion of Credits
3. Minimum GPA Requirement

At Point Park University, Satisfactory Academic Progress is measured at the end of each semester. The semesters include fall, spring and summer.

Undergraduate Students

To maintain Satisfactory Academic Progress at Point Park University, any full-time or part-time undergraduate student must meet the following requirements:

Pace

To meet financial aid satisfactory academic progress, any full-time or part-time undergraduate student must successfully complete a certain percentage of courses that have been attempted. Students who fail to pass this percentage while receiving financial aid will not be able to make pace toward completion of a degree. This chart includes courses attempted at Point Park or any other college or university.

If you have attempted:	you must have earned at least:
1 - 29 credits	60% of the total credits attempted
30 - 59 credits	67% of the total credits attempted
60 - 89 credits	67% of the total credits attempted
90 or more credits	67% of the total credits attempted

Successful completion of credits will consist of grades received of A, B, C, D, or P. Any student who receives a grade of F, I, W, NP, N or NG is considered to have NOT successfully completed the credits, but counts as attempted credits. A student is not permitted to receive federal and institutional aid if a course has been attempted more than three times.

Credits Earned & GPA Requirement

Full-time and part-time students must achieve the following grade point averages (GPA) to maintain financial aid satisfactory academic progress.

Class	Credits	Minimum GPA
First Years	1 - 29 credits earned	1.80
Sophomore	30 - 59 credits earned	2.0
Junior	60 - 89 credits earned	2.0
Senior	90+ credits earned	2.0

Maximum Timeframe to Complete

Eligibility for Financial Aid is regulated by the U. S. Department of Education for a limited period of time. The US Department of Education requires students to complete their program within 150% of the normal time it would take to earn a degree. For instance, a bachelor's degree takes 4 years (or approximately 120 credits) to complete, but it may take some students longer to earn their degree. The maximum length of time and/or attempted credits for a full-time student would be 6 years (4 x 150%) or 180 credits (120 x 150%). Part-time students would be calculated accordingly. All credits from another institution are considered attempted credits and count toward the 180 maximum. In order to keep pace for 4-year completion, it is recommended that all full-time students complete at least 30 credits per academic year.

Financial Aid Warning

Students who do not meet these minimum academic standards will be placed on financial aid warning. Students can receive financial aid while on financial aid warning, but must achieve the minimum standards prior to the completion of the next term.

Financial Aid Suspension

If a student does not meet the minimum academic standards at the end of the following term, the student will be placed on financial aid suspension. Students cannot receive any financial aid, including federal, state and institutional aid while on financial aid suspension. This will require a student to enroll for courses at his own cost if the student remains in good academic standing according to the Academic guidelines. However, an appeals process to regain financial aid eligibility is available to students who have legitimate and extenuating circumstances, such as serious illness or injury or death of a family member.

Financial Aid Appeals

Financial aid suspension can be appealed to the Financial Aid Appeals Committee. Appeal forms can be obtained by calling or visiting the Financial Aid Office. In addition to the Appeal form, a student must also submit an academic plan which must demonstrate a plan for academic success. The student must meet with a member of the Center for Student Success to construct the academic plan, which outlines future courses and grades to return to Satisfactory Academic Progress. If the appeal and the academic plan are approved, the student will be placed on financial aid probation for the number of terms that he or she successfully meets the

academic plan or comes off of probation. If the student does not meet SAP by the end of his academic plan, financial aid will be terminated.

Financial Aid Termination

If a student does not meet the specifications of the academic plan that was approved by the Appeals Committee, his/her aid will be terminated. Aid will only be reinstated at Point Park University if the student regains eligibility by attaining the required GPA and credits earned. Any courses, for which the student enrolls while the aid is terminated, must be paid for by the student. Alternative loans are available through private lenders or payment plans are available through Student Accounts.

Renewal of Financial Aid

Annual renewal of financial aid requires that returning students file the FAFSA and any other required documentation. Renewal application materials are sent in electronic format each fall semester for the next academic year.

STUDENT AFFAIRS

The mission of the Office of Student Affairs is to meet the multifaceted, co-curricular and non-academic needs of Point Park University students. Covering a broad spectrum of support programs, activities and organizations, the Office of Student Affairs provides services which address the social, health, learning, recreational, spiritual and cultural needs of students. These services comprise an integral part of college life and are available to all Point Park students.

Athletics

Point Park University currently offers 17 varsity sports that compete on the intercollegiate level. Men's sports include baseball, basketball, cross country, golf, indoor track and field, outdoor track and field, and soccer. Women's sports include basketball, cross country, golf, soccer, softball, indoor track and field, outdoor track and field, and volleyball. Co-ed sports include competitive cheer and dance.

The Point Park Department of Athletics is committed to achieving high standards both athletically and academically. Not only do the Pioneers work hard to represent their school on the field of play, they are also strong academic performers, as evidenced by Point Park's selections to the NAIA Scholar-Athlete teams.

The Pioneers have a national affiliation with the National Association of Intercollegiate Athletics (NAIA) and are a member of the River States Conference, formerly known as the Kentucky Intercollegiate Athletic Conference (KIAC). Through its Champions of Character initiative, the NAIA promotes the five core values of respect, responsibility, integrity, servant leadership, and sportsmanship.

Scholarships are available to Point Park student athletes; eligibility requirements set forth by the NAIA must be met. For example, student athletes must remain full-time students during their competitive career. Students who wish to participate on a varsity sports team should contact the head coach of the sport of interest by phone or email. Contact information for coaches can be found on the website. Tryouts are permitted to assess athletic ability.

Point Park students are admitted free to every regular season Pioneer sporting event! Point Park student body support is vital to the success of The Pioneers as they represent their school on a very competitive and challenging level of play. For information about Point Park athletics, phone 412-392-3844 or visit the [Athletics webpage](#).

Co-Curricular Transcripts

Not all learning happens in the classroom. Many of the experiences students have outside the classroom will help to develop and shape them as an adult and young professional. The Co-Curricular Transcript (CCT) is how the University helps track and identify all of the experiences that influence a student's growth.

Throughout their time at Point Park University, students will track specific activities for their CCT. The Office of Student Engagement will verify the activities, and upon graduation the student can request a CCT in addition to the academic transcript. The CCT will be an official University document that can be used to build a resume and demonstrate to potential employers the experiences that make a well-rounded candidate for any position. **NOTE:** The CCT is only available to students who enrolled at the University in fall 2014 or later.

Co-Curricular Transcript Categories

- Cultural Experiences
- Internships/Practicums/Field Experiences
- Community-Based Learning and Service
- Student Involvement and Leadership
- Honors and Awards
- Intellectual and Professional Development Experiences

For more information about Co-Curricular Transcripts visit the [CCT](#) web page.

Pioneer Experience (New Student Orientation)

The Office of Student Engagement oversees the University's new student orientation program, The Pioneer Experience. This program is designed to help new students and their families discover all that Point Park University has to offer, make new friends, and get acclimated to their new environment. Pioneer Ambassadors assist students and family members throughout the by facilitating sessions, taking place one week before classes start. This program provides a chance to meet peers, learn about campus services, and discover the range of opportunities Downtown Pittsburgh offers. For more information visit the [Pioneer Experience](#) web pages.

Commuter Resources

The Office of Student Life serves as a resource to the commuter population of Point Park University living off campus, including traditional-age students, non-traditional or adult learners, and graduate students. Essentially, any student not living in a Point Park residence hall is considered a commuter student. Visit the [Commuter Resources](#) web pages for more information on transportation and parking, lockers, dining on campus (including meal plans for commuters), and a renter's guide. You will also find information on the Commuter Lounge located on the 4th floor of Lawrence Hall, which has a TV, vending machines, microwave, copy machine, free WiFi, and comfortable furniture for commuter students to hang out, relax, or study between classes.

Housing and Occupancy Management

Housing and Occupancy Management is responsible for room selection, room assignments, and room changes, and is the liaison with Physical Plant for residence hall maintenance and repair issues. This office also oversees Move-In, Move-Out, and spring housing selection. For more information about residence halls, visit the [Living on Campus](#) web pages.

Residence Life

One of the most exciting aspects of college life for many students is the opportunity to live in a residence hall. More than a place to eat and sleep, a residence hall at Point Park University means easy access to classes, dance studios, student lounges, the library, the Student Center and the excitement of living in Downtown Pittsburgh. The residence halls at Point Park University provide an excellent environment for study, relaxation and entertainment. Students who could live at home often decide to live in one of the University residence halls so they can enhance their total college experience. More than forty percent of the full-time students reside in campus housing, and a number of different types of residence hall accommodations are available:

David L. Lawrence Hall

The former 21-story Sherwyn Hotel houses approximately 420 residents; the ninth through twentieth floors are residence hall floors. Rooms in Lawrence Hall are single, double, or triple occupancy. Each room is equipped with furniture, a private bathroom, cable TV/Ethernet ports, WiFi access, and wall-to-wall carpeting. Laundry facilities are located on the eighth floor. Telephone service is not provided. Lawrence Hall is a smoke-free building.

Clara Thayer Hall

A 10-story traditional-style residence hall, Thayer Hall accommodates approximately 184 residents; the third through eighth floors are residence hall floors. Rooms in Thayer Hall are single, double, or triple occupancy with two community bathrooms on each floor. Each room is equipped with furniture, an individual heating/air conditioning unit, WiFi access, and cable TV/Ethernet ports. Telephone service is not provided. Please be aware that not all Thayer Hall rooms have overhead lighting; you will need to provide your own lighting for those rooms. Laundry facilities are located on each floor. Thayer Hall is a smoke-free building.

Conestoga and Pioneer Suites

Conestoga and Pioneer Suites are suite-style housing. The floors are co-ed, but each suite is single gender. Each suite consists of two bedrooms, two bathrooms, a living room, and a kitchenette. Each bedroom has a loft bed, dresser, standing closet, desk, and chair for each resident. The living room is furnished with a couch, chair, coffee table, entertainment center, and a table with chairs. The kitchenette is supplied with a microwave, under-counter refrigerator and cabinets. Each suite has cable TV/Ethernet ports and WiFi access. Laundry facilities are located on each floor. Telephone service is not provided. Each suite is air-conditioned, and both Conestoga and Pioneer are smoke-free buildings.

Boulevard Apartments

The Boulevard Apartments are our newest residences. There are four apartments per floor; two 2-bedroom and two 3-bedroom. The apartments are co-ed, but each bedroom is single gender. Each bedroom has its own bathroom. The living room is furnished with a couch, chair, coffee table, entertainment center, and a table with chairs. The kitchen is supplied with a full-size refrigerator, stove, and dishwasher. Each apartment has cable TV/Ethernet ports and WiFi access. Telephone service is not provided. Each apartment is air-conditioned, and the building is smoke-free. Laundry and trash facilities are located on each floor.

The residence halls at Point Park University are devoted to establishing positive living and learning communities for our residents. Each floor in the residence halls will develop its own set of community standards at its initial floor meeting through a community compact. The community compact will address issues such as quiet hours, guests, and general day-to-day activities on the floor. In addition to the community compact, each room in the residence halls will have a roommate agreement. The roommate agreement is a mutually agreed upon contract ratified by those who occupy any given room. Just as in the community compact, the roommate agreement will outline the living standards for that room.

Residential students have access to laundry facilities and lounges. Residents are expected to provide their own cell phone; telephone service is not available in individual rooms. All residence hall rooms are equipped with cable TV and data network access ports. Each room has one connection for cable TV and one data port per resident. Wi-Fi is also available throughout the residence halls. Students are expected to provide their own cables to connect their television to the cable TV port and their computers to the data port.

The residence halls are open during Thanksgiving and Spring breaks. Students who prefer to remain in the residence halls during these periods may do so. Students may not stay in Lawrence and Thayer Halls during the Winter break. Students living in the suites and apartments are permitted to remain during any and all semester breaks. There is no food service provided during Thanksgiving, Winter, or Spring breaks. Residents may leave their personal belongings in their rooms during vacation periods if they are returning to the same room. The University will take reasonable precautions during these periods, but will not be responsible for student losses. When students leave the residence halls for the summer break, they must remove their personal property from the room. Point Park University does not provide storage.

Students residing in the residence halls are able to enter and leave the residence halls without restrictions 24 hours a day. The University maintains 24-hour security for the safety of the University residents. Resident students are required to show their Pioneer Card (student ID card) when requested by Public Safety. Resident students are permitted to have guests visit them in their rooms as long as roommates/suitemates do not object and are subject to the residence hall Guest Policy and the roommate agreement.

A variety of meal plans are available to students living in the residence halls. More information on meal plans and dining options can be found on the [Dining Services](#) web pages. Students who plan to reside in the University residence halls should complete the appropriate online [Housing & Meal Plan Contract](#). It is strongly recommended that contracts for residency be submitted as soon as possible to ensure accommodations.

For additional information on financial aid available to resident students, please refer to the Financial Aid section. Specific information regarding residence hall charges may be found in the section on University Charges.

Residential Programming

Residence Life is responsible for the implementation of all residential education programs. With the leadership of Resident Educators, residential students have the opportunity to engage in their community through various programs and activities.

FRED Programming

Freshman Residential Education Programming focuses on getting residential students acclimated to Point Park and the Pittsburgh community. Residents are given the opportunity to participate in various programs to learn about self-reflection, addressing conflict, communication, community engagement and much more.

SRED Programming

Sophomore Residential Education Programming focuses on deepening the relationship our residential sophomores have with the Point Park community. Residents are given the opportunity to participate in programs that push them out of their comfort zone to explore new ideas and interests as well as establish new campus connections.

J/SRED Programming

Junior/Senior Residential Education Programming is designed to aide our junior and senior residents as they prepare for their next steps. Residents are given the opportunity to participate in programs that focus on networking, critical thinking, and career development.

Student Life

The Office of Student Life is responsible for creating for all students, including commuters and residents, an enhanced academic experience. The Office of Student Life consists of Housing and Occupancy Management, Residence Life, the Office of Student Activities, Involvement, and Leadership (SAIL), Commuter Resources, and Health and Counseling Services. Through the programs and involvement of the various offices and departments of Student Life, all students will obtain citizenship and conflict-resolution skills, and practice civil interaction, clarity of communication, and self-awareness. For more information contact the Office of Student Life by phone at 412-392-8026, by email at studentlife@pointpark.edu, or consult the [Office of Student Life](#) web pages.

Student Activities, Involvement, and Leadership (SAIL)

The Office of Student Activities, Involvement, and Leadership (SAIL) is the campus headquarters for student activities and student organizations. The office performs a variety of functions that help maintain a dynamic and socially-interactive campus environment where students can gather and work together to create fun, exciting, and educational activities for the University community. Students can also obtain information about other events and activities in and around the City of Pittsburgh. SAIL lends valuable support to all recognized student organizations. The office also serves as a resource for students to develop their leadership skills as well as get involved in community service projects both on and off campus. In coordination with the United Student

Government (USG), SAIL also serves as a resource for those wishing to get involved in student organizations on campus. For more information contact SAIL by phone at 412-392-4735, email at sail@pointpark.edu, or visit the [SAIL](#) web pages.

Student Organizations

Student clubs and organizations at Point Park University are initiated and run by students. They provide students with co-curricular opportunities for social interaction, recreation, leadership training, and enhancement of academic interests. Students learn to organize and to work with others, pursue special interests, and make friends. Any student is welcome to start a club or organization. Two of the governing student organizations are the United Student Government (USG), the system of student governance and representation for the student body of Point Park University and approves all club and organizations, and Campus Activities Board (CAB) which is the official programming organization of the Office of Student Activities, Involvement, and Leadership (SAIL). Some of the other numerous student organizations include academic organizations such as Honors Student Organization, SAEM Club, and Confluence Psychology Alliance; interest-based organizations such as Gender & Sexuality Spectrum Alliance and Impulse Hip Hop Dance Team; and service organizations such as Strong Women Strong Girls and The Point Closet. For more information, contact SAIL by phone at 412-392-4735 or email at sail@pointpark.edu, or USG at usg@pointpark.edu, or visit the [Student Organizations](#) web pages.

Student Media

A variety of student-run media at Point Park University provide campus and community news to students, faculty and staff. The campus newspaper, *The Globe*, is an independent, student-operated weekly open to all students and is funded through the University and Student Activity Fees and published under the auspices of the Publications Board. Radio station WPPJ, supervised by the Broadcast Media Board, provides the University community with music, news, and sports. U-View is the student-operated television broadcasting network supported by the School of Communication. Interested students are able to gain valuable hands-on experience at both WPPJ and U-View through the operation of on-air and technical support services. For more information on the University's student media outlets, clubs, and organizations, visit the [Student Media](#) web pages.

Campus Activities Board

Campus Activities Board is the official programming organization of the Office of Student Activities, Involvement, and Leadership (SAIL) at Point Park University. The main goal of CAB is to provide the students of Point Park with quality activities that promote fun, personal development, learning, school spirit and pride, and foster an atmosphere conducive to social interaction among their peers. CAB gives students the opportunity to plan, market, and execute events for the Point Park community. CAB membership is open to all full-time undergraduate students at Point Park University. Email cab@pointpark.edu for more details on how to join.

United Student Government

The students of Point Park University have established a student governance system whose purpose is to act as the recognized communication channel among the students, faculty and administration of Point Park University; advocate for and act as a protective body representing the students at Point Park University; allocate funds for student organizations and clubs at Point Park University; and appoint student members on faculty and general standing committees and ad hoc committees, as appropriate. The United Student Government (USG) is composed of an executive branch and a legislative body. Governance is codified by a constitution and bylaws. Eligible students vote in elections for President and Vice President and respective legislative positions, and may serve in appointed positions.

STUDENT SUPPORT SERVICES

Alumni Relations

The [Office of Alumni Relations](#) promotes alumni engagement with the University, through events, programs, volunteer opportunities, speaking opportunities, and participation in philanthropic activities. The University maintains connections with the over 26,000 thousand graduates of Point Park graduates who live in all fifty states and 33 countries and work in virtually every field and industry.

Students have many opportunities to be engaged with Point Park alumni. Alumni come back to campus to share their expertise in the classroom, interact with students at events and support other initiatives around campus. Students interested in learning more can reach the Office of Alumni Relations at alumni@point-park.edu.

The Bookstore

The Bookstore carries Point Park University apparel and gift items, stationery supplies, leisure-reading books and magazines, snacks, and other miscellaneous items. The Bookstore also carries all required and recommended textbooks. Some titles are available as used textbooks. The Bookstore also offers several titles as a rentable option. In addition, the Bookstore buys back textbooks that have been adopted for use the next semester. Note: In order to search the online textbook listings, the semester, course department and number, and section number of each course are needed and can be found on the student's class schedule.

For more information about textbook pricing and book information, placing orders for the next semester, and Bookstore hours of operation, visit the [Bookstore](#) on the first floor of Lawrence Hall or call 412-392-3448.

Career Development

The Career Development Center helps students establish the professional skills necessary to achieve their goals, advance their professions and serve their communities. The Career Development Center is a resource and education center and assists with all aspects of career exploration and the internship and job search process. Services offered include resume and cover letter review, career exploration and planning, interview and networking preparation, individual career counseling, career fairs and workshops, job, internship and cooperative education searches, E-portfolio reviews, tips to dress for success and Myers-Briggs Type Indicator and Strong Interest Inventory Assessments. For more information, or an appointment please visit: <https://pointpark.join-handshake.com/> or contact contact the Career Development Center at 412-392-3950 or careerdev@point-park.edu.

Center for Student Success

The University's Center for Student Success is at the heart of a coordinated, campus-wide commitment to support all students, whether first-semester newcomers or graduating seniors, as they pursue a Point Park degree. Students may contact the Center for Student Success as a starting point for any type of academic question, and as a place where they can get the answers, assistance and encouragement to help them achieve academic excellence. The Center for Student Success may be reached by phone at 412-392-8153 or email at css@point-park.edu, or by visiting the office on the fifth floor of the West Penn Building.

Academic advising and guidance:

Each Point Park undergraduate student who has declared a major is assigned both a faculty advisor within their field of study, and a success coordinator. Together they assist students in a variety of advising needs including course selections, minors, concentrations and other academic options. The Pathways to Success program provides students with key points that will be covered by the faculty and coordinators each semester until graduation. For all students, the Center for Student Success staff can help with topics including:

- Transitioning to college life
- Staying on track for graduation
- Learning to use PointWeb, Point Park's online student information hub
- Getting connected to Point Park student services and resources
- Changing a major
- Declaring a double major or minor
- Planning summer courses
- Improving study skills
- Finding a manageable work-life-school balance

Computer and Technology Resources

The use of University-owned computer and technology resources by Point Park students, employees, and guests is intended for purposes relating to the mission of the University and the academic purposes for which the University exists. While the University respects the individual's rights and protection under the First Amendment, it expects all users of its resources to abide by good sense, University policy, and local, state and federal laws.

Under this policy, students have certain rights and responsibilities. Because the computer and technology-related resources at Point Park represent shared and finite resources, it is important for all users of such resources to remember that their actions can impact other's abilities to enjoy their rights. Activities that extraordinarily impair a Point Park user's ability to utilize the resources in the manner for which they are intended, or those that interfere with the operation of the University, will not be tolerated and appropriated action will be taken.

Rights

Assignment of Accounts

All Point Park students are invited to utilize a level of technology resources appropriate to their needs. Currently enrolled students are entitled to internet access and an email account. Students are expected to use their University email address for all official and academic-related correspondence with instructors and other students. This is the only email address that is acceptable for course-related correspondence. In addition, students are expected to check their Point Park email address frequently for official University announcements and information, and as a result, will be held accountable for having received that information.

Removal of Accounts

Students who graduate or leave Point Park will have their accounts removed within thirty (30) days of their departure. It is the responsibility of the departing student to extract any files from his/her account prior to its removal.

Use of Resources

Any Point Park student may use the computers in the open labs at no charge; however, users of these facilities are asked to limit their usage to academic activities only. It is expected that users of Point Park computer and technology resources will do so in a manner that supports Point Park-related activities. Non-matriculated students and resident students who are under 18 will be required to have a parent's or guardian's permission to utilize the resources.

Safety

Users of Point Park computer and technology resources are entitled to use such facilities in a safe manner. The University will take all precautions to provide safe access, but cannot guarantee a user's safety. If a computer user feels as though s/he is in danger in a lab, or through electronic means such as email harassment or electronic stalking, s/he should report such incidents to the Department of Public Safety.

Access to Information

Point Park University will not censor access to information freely available on the internet. However, it is the responsibility of the computer user to abide by all federal, state, and local laws regarding access to information, including text, pictures, audio and video recordings, and other electronic data. Certain Point Park policies will also apply to access to the institutional data, and will be implemented in accordance with Family Education Rights and Privacy Act (FERPA) and its subsequent amendments.

Freedom of Expression

Point Park reserves the right to review a computer user's individual home page for appropriate content. Content should reflect the mission, vision, and standards of the University. The information posted must not be represented as an official opinion or viewpoint of Point Park University. Computer users must abide by all federal, state, and local laws regarding posting of illegal or copyrighted information on their home pages or home directories.

Privacy

Computer users must recognize that electronic messages and files are neither secure nor private communications. While Point Park will take reasonable measures to protect information that is transmitted electronically, it cannot guarantee that such information will remain private. As the owner of all University computer and technology resources, Point Park reserves its right to inspect, log, and/or archive data files stored on University owned computers and messages transmitted across its network. Such activities will not occur as a matter of course, may occur with cause if it is necessary to investigate a suspected breach of internal policy and external law. Authorized IT Center personnel may also inadvertently view or access data files or messages while performing system maintenance or management functions, but will maintain the confidentiality of the information. Point Park University reserves the right to search data stored on its servers should it be suspected that a user is violating a policy or guideline.

Official University Information

Only those individuals who have been granted the right and responsibility to post information on the official Point Park website will be permitted to do so.

Responsibilities

Accounts

Each computer user is responsible for any activity that occurs from her/his account. Accounts are given to individuals, and are not permitted to be shared with friends, family members, classmates, co-workers, or any other individual or group.

Disclosure of Information

Unless permitted by law, or requested by law enforcement officials, no information pertaining to anyone affiliated with Point Park will be disclosed for any reason.

Policy Violations

Any Point Park student who improperly uses technology-related resources is subject to disciplinary measures, including, without limitation, revocation of network account. Activities deemed to be in violation of local, state or federal laws will be reported to the appropriate authorities.

Disciplinary processes already defined in the Undergraduate Catalog and Student Planner and Handbook will be followed where possible. Decisions pertaining to the revocation of a network account will be made based upon the severity of the infraction and the student's need for this account to perform his/her job or course studies.

International Student Services & Enrollment (ISSE)

The mission of Point Park University's [Office of International Student Services and Enrollment](#) is to assist

in the immigration, education, and cultural aspects of study in the U.S. for international students and to promote campus-wide international awareness by fostering an appreciation for diversity and by helping students understand their role and responsibilities as global citizens.

ISSE offers specialized services to international students from enrollment through graduation from Point Park University. The Office serves both graduate and undergraduate populations starting with global recruitment and continuing onward. Continuing programs include but are not limited to: credential evaluation, international student orientation, health services and insurance procedures, tuition management, advising in all appropriate areas of post-secondary education, government regulation policies and procedures, along with social, cultural, and educational programs to enhance the university experience of both the international and domestic student population alike. For more information, ISSE may be reached by phone at 412-392-4775, by email at iss@pointpark.edu, or visit the office in the 101 Wood Street Building.

Public Safety

The [Department of Public Safety](#) is at work 24 hours a day, 7 days a week to provide a safe, secure living and learning environment for the University community. Police officers are on duty 365 days a year and provide immediate response to emergencies on campus. Procedures and additional responses to other emergencies are set forth in the Public Safety section of the University website, and any questions can be addressed at the University's Department of Public Safety. The department has received accreditation from the Pennsylvania Chiefs of Police Association.

The Point Park University Annual Campus Crime and Security Report includes statistics for the previous three years on reported crimes that occurred on the campus; in certain off-campus buildings, or property owned by, or controlled by, the University; and on public property within, or immediately adjacent to, and accessible from, the campus. The report also includes institutional policies concerning campus security, such as policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault, and other matters. A copy of the report may be downloaded as a pdf from the University website or obtain a print copy by contacting the Department of Public Safety, Point Park University, 201 Wood Street, Pittsburgh, PA 15222. The University's emergency response plan can be reviewed and emergency-related questions can be addressed in the Department of Public Safety, located on the second floor of Frontier Hall.

Student Health Center

A primary concern of Point Park University is the physical and mental health and well-being of its students. To ensure students' health needs are met, the University provides medical and counseling services to currently enrolled Point Park University students.

At Point Park, the Student Health Center provides care to all students, at no charge, that includes first aid intervention, illness and injury assessment, starter doses of over-the-counter medication, health screenings (i.e., blood pressure checks, height and weight measurements), and community health referrals. In addition, the Student Health Center provides health education resource materials and is responsible for maintaining student health and immunization records.

When arranged through the Student Health Center, students are eligible for office visits at no charge with the University-contracted physician. Costs for additional services, such as x-rays, laboratory testing, etc., are the responsibility of the student.

All students must have a completed Student Health Record, including complete immunization documentation, on file in the Student Health Center. Failure to submit proper immunization documentation may result in the student's inability to register for classes and live in on-campus housing.

The staff of the Student Health Center is bound by the medical ethics of confidentiality. Information provided will not be released to a third party, including parents, without the student's written authorization, unless legally required or permitted.

Student Health Center hours are Monday-Friday, 8:00 a.m. to 3:30 p.m. For more information, visit the [Student Health Center](#) web pages or call 412-392-3800.

Counseling Services

Short-term confidential counseling services are available to students free of charge at University Counseling Services. The counselors will assist students with a number of personal and school-related problems such as stress, difficulty making adjustments, depression, anxiety, eating disorders, personal relationship concerns, relationship violence, drug and alcohol problems, and resolving conflicts with others. If additional counseling is needed, referral to outside resources will be made; the counselor will take into consideration a student's health insurance coverage. Cost of external treatment is the responsibility of the student. For more information, visit the [Counseling web page](#), email counseling@pointpark.edu or to make an appointment call 412-392-3959 during office hours, Monday-Friday 8:00 a.m. to 4:00 p.m.

Student Intervention

At Point Park University, our priority is to help you reach your goals. We are here to support you, the student, in your success and development on the path to degree completion, personal growth, and career readiness. While the number one person who can impact your success is YOU, we have many support services and resources available to help during your time at Point Park.

The University's Success and Retention Support Team coordinates and provides intervention and ongoing support for all students. We strive to offer direction to those who have questions about their Pathways to Success or course sequencing, as well as intervention for those who are experiencing academic difficulty, personal distress, or are otherwise at risk academically or financially.

The FinishLine Early Alert System is a proactive communication and early intervention tool that allows University faculty and staff to submit information that may impact a student's progress, persistence, and success. Information submitted via early alerts allow student advisors and success coordinators to reach out, offer support, and intervene with students in a timely fashion.

The objective of this program is to promote student success by:

- Providing students with timely support and referrals to appropriate campus services or resources
- Actively engaging students in their learning experience and decision-making on their degree pathway
- Helping students learn useful self-advocacy skills and how to navigate the resources available to them
- Creating more purposeful communication and documentation among faculty, advisors, and support staff

Examples of student concerns or issues include unsatisfactory academic progress (scoring poorly on tests or quizzes, poor quality or missing assignments, low mid-term progress reports, or insufficient completion of degree credit requirements) and/or exhibiting behaviors that may lead to academic difficulty (non-attendance, habitually dropping a course, or engaging in disruptive or otherwise troubling behavior).

If you would like assistance but do not know where to turn or have questions regarding the FinishLine Early Alert System, contact retention@pointpark.edu. *Information submitted through alerts and interventions is a part of each student's academic record, as defined by FERPA, and is confidentially maintained by the Office of Academic Affairs.*

Important Notice to Students: Your success is directly tied to your effort, your level of engagement, and your ability to effectively communicate. Please check your Point Park University email on a regular basis, at least once a day. This communication method is the primary form of communication between you and the University. Important timelines and directions from faculty or University offices, campus announcements, event publicity, and outreach regarding academic, personal, or financial concerns will all be communicated primarily via your Point Park University email address. Other communications may include Schoology messaging, phone calls, or U.S. Mail. For assistance in setting up your Point Park email on your mobile device(s), visit the Technology Help Desk located at 220 Thayer Hall, or call 412-392-3494. To update contact information with the University, visit the Office of the University Registrar on the 9th floor of Thayer Hall, or visit the [website](#).

ACADEMIC POLICIES

Graduation Requirements for Baccalaureate and Associate Degrees

Once a student is admitted to Point Park University, that student will need to understand and follow all academic policies and procedures in order to successfully complete a course of study. University officials such as faculty advisor and department chair can provide assistance, but it is ultimately the student's responsibility to be aware of policies relating to grading, academic process, withdrawal from courses, declaring or changing majors, and requirements for graduation. This chapter explains the general academic policies. The chapter, Academic Programs, discusses the particular degree programs, majors and general education requirements.

Point Park University awards undergraduate and graduate degrees to students through its Conservatory of Performing Arts, School of Arts and Sciences, School of Business, School of Education and School of Communication. Students must meet the minimum requirements for their particular degrees and programs of study as stated in this catalog.

The minimum cumulative and major grade point averages (G.P.A.) are set by the respective departments and may exceed that set by the University. All baccalaureate degrees require a minimum of 120 credit hours. The minimum cumulative and major grade point averages set by the University are 2.00.

Education students should consult with the School of Education for current information regarding the minimum standards required for certification.

Residency Requirements:

All candidates for the baccalaureate degree must satisfy the final 30 hours rule, this means that they must earn 30 credit hours in residence. They must also successfully complete no fewer than 12 hours (in four courses of at least three or more credit hours) in their major(s).

An individual can earn a second baccalaureate degree upon earning a minimum of 150 credits and the completion of all major requirements for two programs of study. This can be achieved in one of three ways:

- by completing the two programs at Point Park University simultaneously;
- after having been awarded a baccalaureate at Point Park University by completing a second program of study and additional credits to total at least 150 credit hours earned at Point Park University;
- after having been awarded a baccalaureate degree at another accredited college or university by completing a second program of study and at least 30 additional credit hours at Point Park University

If a particular course is required in both degree programs, it cannot be credited as part of the 30 semester hour requirement for completion of the second degree

Students pursuing the post-baccalaureate degree must meet the same residency and major(s) requirements as listed for the candidates for the baccalaureate degree.

All associate degrees require a minimum of 60 credit hours. Students pursuing associate degrees must complete the final 15 of the final 30 credits enrolled in Point Park University courses and complete at least 6 hours in their major(s).

Students must apply for graduation and degree conferral through the Office of the University Registrar. The University confers degrees completed during the academic year in December, May, and August. The University holds a formal commencement ceremony in April/May. All students who are completing degrees by the end of summer are invited to participate in commencement, although degrees are not conferred until all degree requirements have been met.

Major Status

The University does not require entering first-year students to identify a preferred course of study at the time of registration, but students may declare a major upon admission and should do so by the end of the sophomore year.

During registration, academic advisors will guide entering students toward the core curriculum and appropriate major courses or requirements. Such guidance should ensure that students acquire certain fundamental skills while completing prerequisites for study in the major.

Each school assigns an academic advisor to all new majors. Academic advisors provide advice and guidance on such matters as concentrations, minors, certifications, change of major, career goals, and job preparation. A major may be declared or changed at any time with a form signed by the chair of the intended major.

Department chair may place on probation or exclude from majoring students who cannot meet or exceed a G.P.A. of 2.00 for all departmental requirements.

Some students elect to pursue double majors. They may obtain the appropriate forms from the Registrar or school offices and should submit them as soon as possible after the completion of the first year and no later than the end of the sophomore year. Students pursuing a double major must meet the complete requirements for both degrees prior to degree conferral. Only one diploma will be issued acknowledging both majors. A list of majors can be found under Academic Programs on page 68.

The Minor

Minors can be used to enrich major fields of study, enhance learning, and improve credentials for employment. Those electing to pursue minors must coordinate this decision with their academic advisor. Declaration of a minor is a formal process and requires the filing of a form with the Registrar by the end of the sophomore year.

In most departments, requirements for the minor include 18 credits. No more than nine transfer credits may be applied toward the minor. Courses for the minor may not be taken under the Pass-No Credit or Audit option.

Conservatory of Performing Arts

Cinema Studies
Dance
Musical Theatre Minor for Actors
Musical Theatre Minor for Dancers
Screenwriting
Stage Management
Technical Theatre/Design

Civil Engineering Technology
Electrical Engineering
Environmental Health
Mathematics
Mechanical Engineering Technology

Community Engagement

Community Engagement and Social Change

Women's Gender Studies

School of Arts and Sciences

Human and Social Sciences

Global Cultural Studies
History
French Studies
Hispanic Studies
Modern Languages
Philosophy
Political Science
World Cultures and Societies

Criminal Justice & Intelligence Studies

Criminal Justice
Intelligence and National Security

School of Business

Accounting
Business Management
Digital Marketing
Economics
Emergency Medical Services (EMS)
Entrepreneurship
Finance
Fire Service Administration
Human Resource Management
Hospitality Management
Information Technology
Marketing
Nonprofit Management
Professional Sales
Public Administration

Psychology

Behavioral Science
Psychology

Literary Arts

English
English/Creative Writing
Social Justice Studies

Natural Science & Engineering Technology

Biological Science
Chemistry Minor

Grades and Grade Point Average

Faculty have primary responsibility for assigning grades, but they do not give them; rather, students must earn them. Grades represent a faculty member's impartial, professional evaluation of a student's work on a given assignment or in a given course.

At the outset of any course, the students taking it should receive a course syllabus including a clear statement of the course requirements and grading standards. Students who do not receive such a document should promptly ask their faculty member to provide it. In the unlikely event the faculty member does not comply, the requesting student has the responsibility to request the information from the appropriate department chair.

The department chair has the responsibility to assist the requesting student to obtain, in writing, a clear statement of the course requirements and grading standards.

Incomplete Grade Requests

A student who does not complete a course by the end of the term may request and may be granted, at the faculty member's discretion, an "I" (Incomplete). The "I" in a given course must be completed within a period of time set by the *faculty member*. This time period may not exceed one year from the end of the semester in which the course was taken.

An Incomplete Grade Request Form detailing the conditions under which the "I" is permitted must be signed by both the student and the *faculty member*. If the agreed upon conditions are not fulfilled, the "I" grade will be changed to the grade stipulated in section V of the Incomplete Grade Request Form. If no grade is stipulated, the "I" will be changed to an "F." The student is responsible for contacting the *faculty member* and ensuring that all expectations in regard to removal of an "I" grade and the completion of a change of grade form are met. The *faculty member* will complete the change of grade form when all expectations are met.

Pass/No Credit Option

The grade "P" (Passing) indicates that credits are earned and quality points are not computed. The grade "N" (No Credit) in a course taken under the Pass-No Credit option indicates that no credits are earned and quality points are not computed.

To encourage exploration and experimentation in academic areas in which a student may have limited familiarity, courses may be taken on a Pass/No Credit basis under the following conditions: "P" will be recorded for "A", "B", "C," and "D" grades and "N" will be recorded for an "F" grade. Neither the "P" nor the "N" will affect the G.P.A. Only general college electives may be taken on the Pass/No Credit option. Baccalaureate degree candidates may choose a maximum of eight Pass/No Credit courses, and associate degree candidates are limited to four such courses. Only one course during any term may be so elected. Courses taken under the Pass/No Credit option must be designated as such before the end of the Schedule Change period for each semester or summer session. In some instances, a course may be announced as one in which "P" and "N" will be the only grades. For example, departments may offer non-traditional courses that include travel, a practicum, field work or other components that may be difficult or impossible to evaluate through testing or other traditional means.

In any semester, a student may change his or her status to Pass/No Credit option until the end of the schedule change period, but a student may not change from a P/N to credit enrollment after the schedule change period.

Auditing a Course

The grade "AU" (Audit) indicates that no credits have been given in a course. In any semester, a student may change his or her status to audit until the end of the add-drop period, but a student may not change from audit status to credit enrollment.

Grades

All grade changes must be processed within one calendar year. Changes of the recorded grade will be considered under exceptional circumstances upon the recommendation of the faculty member, the approval

of the department chair, and the Registrar. Changes of the recorded grade resulting from a student grievance must follow the established grievance procedure contained in this catalog.

Undergraduate student academic performance is measured by computation of the Grade Point Average (G.P.A.). In this system letter grades are given the following numerical (grade point) values:

A = 4.0	B- = 2.75	D = 1.0
A- = 3.75	C+ = 2.25	F = 0.0
B+ = 3.25	C = 2.0	
B = 3.0	C- = 1.75	

The G.P.A. is determined by multiplying the numerical (grade point) value earned in each course by the number of credits assigned to that particular course, summing the total Grade Points, and dividing by the total number of credits attempted.

The effect of an “F” grade on the G.P.A. can be removed only by successful repetition of the course at Point Park University. Should a student repeat a course in an effort to improve a grade, it will be the last earned grade, whether higher or lower, that is computed in the G.P.A. Each attempt to complete the course and grade earned will be listed on the student’s transcript as the official record of the student’s academic progress.

Students may not repeat a failed course at another institution for credit or receive CLEP or DANTES credit for that course.

Grade Appeals

The parties recognize that faculty members are primarily responsible for assessing student performance, including the assignment of course grades, with respect to academic activities for which faculty members are individually responsible to teach. All course grades shall be based upon an impartial, professional evaluation of the students’ academic performances in the course. The parties further recognize that the University allows any student to appeal the legitimacy of any course grade issued to the student in accordance with University policies and procedures, which may include a hearing before one or more faculty members. In the event a student appeals a course grade, the faculty member who issued the grade shall be responsible for providing the student with a full explanation for the basis of the grade.

A student grade appeal begins with an informal discussion between the student and the faculty member who assigned the grade at issue. If the grade appeal is not resolved through the aforementioned informal discussion, the student may further pursue the issue through a written appeal to and discussion with the Department Chair. Appeals to the Department Chair must occur within four (4) weeks after the start of the semester (fall/spring) immediately following the semester in which the grade was issued. If the grade appeal is not resolved through discussion between the student and the Department Chair and the student wishes to further pursue the grade appeal, the Department Chair shall convene a committee consisting of three (3) faculty members, at least one (1) of whom shall have familiarity with the subject matter of the course resulting in the disputed grade. The committee shall consider the grade appeal in accordance with procedures established by the University, which shall not be inconsistent with the provisions of this Article, and make a recommendation regarding the grade appeal to the Associate Provost. The Associate Provost shall make the final decision regarding all grade appeals.

In all student grade appeal matters, the student bears responsibility for establishing whether any grade issued by the faculty member should be modified

Non-Transcribed Audit

Point Park University educates students in a diverse environment and prepares graduates to apply knowledge to achieve their goals, advance their professions and serve their communities.

Objectives:

1. To encourage continuing education to Point Park University alumni and community members
2. To provide for current Point Park Students to explore other academic areas and/or brush-up on particular subjects

Please Note:

- With the exception of CINE 302, Cinema Authors, under no circumstances may any course beginning with the prefix CINE be taken as a non-transcripted audit
- Under no circumstances may any course beginning with the prefix DANC be taken as a non-transcripted audit
- Any course beginning with THEA may be audited with the approval of the Instructor, Unit Head and the Chair
- Under no circumstances may any Conservatory private instruction course be taken as a non-transcripted audit including, but not limited to: Private Voice, Private Piano and/or Private Pilates

Guidelines:

- Any current Point Park University student, Point Park University alumnus, or community member may sit in on one course per semester if the faculty member has agreed to the audit, the individual meets the required prerequisites, and there is a seat available
- There will be a \$50 fee per course
- No credit will be granted, and there will be no transcript kept of this activity.
- There is no refund of the \$50 fee
- The individual will be required to be prepared for the class so as to add to the discussion.
- No tests, papers, projects, etc. will be required
- There will be a maximum of three non-students permitted in any one course.
- The status may change from a non-credit audit to a regular student at any time during the Schedule Change period by gaining acceptance to Point Park University, enrolling, and paying full tuition and fees
- A Non-Transcripted Student Audit identification card will be issued. This permits the individual access to the classroom building and provides the privilege of attending the agreed upon course. No other privileges are granted, including, but not limited to: library use, Point Park University events, and discount tickets

Procedures:

- An interested person should contact the Office of the University Registrar to be placed on a waiting list for a particular course. The Office of the University Registrar will check with the faculty member for permission to audit
- The individual will be notified the day before classes begin whether or not a seat is available.
- The individual will go to the Office of Admissions to process his/her audit request, pay the business office the \$50 fee and begin attending the class

Academic Integrity

Academic dishonesty runs counter to the goals, ideals and mission of Point Park University and will not be tolerated. Students found guilty of plagiarism and/or other academic dishonesty may be dismissed from the University. Punishment for plagiarism or other academic dishonesty may include failure in an assignment, failure in a course, or expulsion from the University. The Office of the University Registrar will notify the student involved in the incident by letter and copy of the Academic Integrity Violation Form.

Any facts which are not common knowledge and not widely disseminated locally must be credited to the source from which they came. All phraseology purported to be original must be the student's. If at any time the student's language is identical with that of the source, the latter must be identified.

Besides plagiarism, other forms of academic dishonesty carrying the same penalties for the same reasons include, but are not limited to:

1. fabricating data, evidence, facts, including but not limited to laboratory results and journalistic interviews or observations;
2. obtaining prohibited assistance from another student, regardless of whether that other student is aware of it, by looking at another student's paper (in or out of class) during a quiz, exam, or during

- work on an assignment;
3. turning in the same work in two or more different courses, regardless of whether the two courses are taught by the same professor, in the same degree program, or even at the same institution, without explicit prior approval from both instructors, because students should not obtain credit twice for doing work once;
 4. forging or altering documentation of an illness and/or absence that has been requested or required by an instructor

In cases of marked disparity between in-class and out-of-class work, the student will receive a grade no higher than the average of that student's in-class work unless it can be demonstrated that the student received no improper assistance on the out-of-class work.

Note: The following general principles about plagiarism apply primarily to writing but may apply as well to other kinds of academic work in disciplines such as mathematics, science, technology, business, computer science, and performing arts. For specific conventions and ways of avoiding plagiarism in these disciplines, check with your instructor.

The faculty of Point Park University is committed to each student's intellectual development and welcomes every student into a community that values learning. Writing is a crucial aspect of that learning, and the faculty at Point Park University strives to help students become confident, ethical, proficient writers.

Plagiarism, however, destroys any hope of intellectual growth or progress in writing. Therefore, to help students, the following policies define plagiarism, spell out ways to avoid it altogether, and indicate sanctions for plagiarism.

I. Definition of Plagiarism

Plagiarism, according to Annette T. Rottenberg in *Elements of Argument*, is "The use of someone else's words or ideas without adequate acknowledgment—that is, presenting such words or ideas as your own... Deliberate plagiarism is nothing less than cheating and theft..."

II. Avoidance of Plagiarism

Document all sources of words, paraphrases, and ideas that derive from someone else's work. Acknowledge help you received in completing your work. Also: enclose in quotation marks words copied from a source and identify that source; identify a source which you have summarized or paraphrased; note the course of an idea you have taken from someone else's work; acknowledge sources in all formats, including web pages, television, sound recordings, as well as traditional hard copy.

Instructors and appropriate stylebooks provide information on correct documentation format in academic disciplines (generally the American Psychological Association stylebook in social sciences and some other programs; the *MLA Handbook for Writers of Research Papers*, by Joseph Gibaldi, in humanities and some other programs; or the *Chicago Manual of Style* by the University of Chicago Press). Instructors reserve the right to check the originality of students' writing by various means, including submission to electronic search engines.

III. Sanctions for Plagiarism

Punishment for plagiarism or other academic dishonesty may include failure in an assignment, failure in a course, or expulsion from the University. For more information on plagiarism, check with your instructor and the following website: Purdue University Online Writing Lab, <http://owl.english.purdue.edu>.

Works Cited:

- Gibaldi, Joseph. *MLA Handbook for Writers of Research Papers*. 6th ed. New York: Modern Language Society of American, 2003.
- Rottenberg, Annette T. *Elements of Argument: A Text and Reader*. 7th ed. New York: Bedford/St. Martin's, 2003.

A student may file an appeal of a sanction with the Provost and Dean of Faculty whose decision is final and ends the appeal process.

Institutional Review Board

Research protocols involving human participants must be approved by the Point Park University Institutional Review Board. The Institutional Review Board, made up of faculty and administration is chaired by a tenured, full-time faculty member who reports to the Provost, reviews all research protocols involving human

participants to determine if the research participants are placed at risk and if their rights and welfare are adequately protected. Guidelines and required forms for research protocols are available in the Office of the Provost.

Academic Probation and Dismissal

Probation status may affect financial aid eligibility. Students on continued probation should consult the Financial Aid Office. Students admitted or placed on academic probation are subject to the following conditions:

Initial Probation

Students are placed on initial probation when they fail to meet the minimum G.P.A. requirement for their academic class level, determined as follows:

First Year (1-29 credits)	G.P.A. of 1.80
Sophomore (30-59 credits)	G.P.A. of 2.00
Junior (60-89 credits)	G.P.A. of 2.00
Senior (90+ credits)	G.P.A. of 2.00

Continued Probation

Students remain on probation if they fail a second time to attain the minimum G.P.A. requirement for their academic level. Students may remain enrolled on continued probation for a third term only if their G.P.A. has shown a marked improvement.

Dismissal

- a) Students who fail to earn the minimum required G.P.A. for the term during which they are on continuing probation are subject to dismissal
- b) Students who fail to earn a cumulative G.P.A. of 1.00 for the term during which they are on initial probation are subject to dismissal
- c) Students must maintain a cumulative G.P.A. of 2.00 in required courses in order to continue in a major. Some majors have higher minimums for remaining in the major, consult the requirements for your major in this catalog
- d) The disregard of academic rules and regulations may subject a student to dismissal

Appeal and Reinstatement

A student who has been academically dismissed from Point Park University and wishes to appeal must submit a written petition to the Office of the University Registrar within 10 days of receiving official notification. The Registrar will forward the petition to the appropriate department and/or school. Regardless of extenuating circumstances, the appeal must include the student's personal assessment of factors that led to the dismissal and outline an academic plan of action that intends to address the low grades. Students who have been academically dismissed and readmitted to the University will return on continued probation.

Course Additions and Withdrawals

The schedule for course changes, including withdrawal, is listed on the University web site and published by the Office of the University Registrar. Courses may be added or dropped from a student's academic schedule online within the add/drop period or by completing a Schedule Change form.

After the period specified, the faculty member has the option to give a grade of "W" or "F," up to and including the last day to withdraw. No withdrawals will be granted beyond the final day to withdraw. Schedule Change forms may be obtained from the Office of the University Registrar. Should a "W" or "F" be placed on a student's record, it remains a permanent part of that record.

International students must contact the University's International Student Office before initiating a course withdrawal.

Because current and future financial aid may be jeopardized by processing a "W" or "F," students are

advised to consult the Office of Financial Aid prior to completing the transaction.

Complete Withdrawal

Students wishing to withdraw from the University before or after the beginning of a term must use a Complete Withdrawal Form to drop or withdraw all classes and deliver the completed form to the Office of the University Registrar. To obtain a Complete Withdrawal form, visit the Center for Student Success. The date the Office of the University Registrar processes the completed form is the effective date of complete withdrawal.

To complete the form, you will need the following signatures or the form will not be processed:

- Center for Student Success
- Student Financial Services Center
- ISD Signature (applicable only for International Students)
- Registrar's Office Signature

All recipients of federal financial aid need to be aware that their financial aid package will be adjusted under the Return of Title IV funds policy if the student withdraws from all of his/her classes. Go to the Return of Title IV Funds policy for more information.

Medical Exception Request

Students who experience a medical issue during an academic term of such a severity that they are unable to continue or keep up with their courses may consider requesting a Medical Exception for the academic term. A Medical Exception can impact a student's academic career in a number of ways, and students are encouraged to consider alternatives before applying for a Medical Exception. Students are strongly encouraged to meet with the Center for Student Success to discuss alternatives to the Medical Exception process, which may include requesting incomplete grades.

Students with a medical condition involving a short-term or long-term disability should also consider meeting with the Student Success Coordinator - Disability Services in the Center for Student Success. Call the office at 412-392-8077, email disabilities@pointpark.edu, or visit the office on the fifth floor of the West Penn Building.

International students should meet with the International Student Services and Enrollment (ISSE) staff to discuss how a Medical Exception will affect their visa status. Call the office at 412-392-4775, email iss@pointpark.edu or visit the office on the first floor of the 101 Wood Street Building.

Except for short-term temporary issues, students must be actively attending classes in order to be permitted to live in the University residences. A student applying for a Medical Exception will be required to move out of the residence halls. Room and board charges may be able to be prorated based upon the date the student vacates the residence hall or last uses the meal plan, whichever date is later. For information on terminating a resident contract and moving out, contact the Office of Student Life by phone at 412-392-8026, email at studentlife@pointpark.edu, or visit the office on the first floor of Pioneer Hall.

Medical Exception Request Process

A Medical Exception will be granted for a full academic term only; requests for a partial term or part of a student's course load will not be granted; thus, in order to request a Medical Exception the student will be required to withdraw from all classes for the applicable academic term. Only one Medical Exception for a total of one academic term will be granted per student.

Students must request a Medical Exception Request packet from the Office of Student Affairs. The request may be made in person by visiting the office at 705-706 Student Center or by phone at 412-392-3840 or email at studentaffairs@pointpark.edu. The packet will include all forms and instructions needed to submit the documents required to request a Medical Exception. As the policy, forms, and instructions, may change from time to time, the student must follow all instructions and submit all forms as directed at the time he/she receives the Medical Exception Request packet.

Deadline to Submit Medical Exception Request

All documents related to a Medical Exception Request must be received in the Office of Student Affairs no later than fifteen (15) calendar days after the end of the academic term for which the Medical Exception is requested.

Submitting Medical Exception Request Documents

All documents must be submitted to the Office of Student Affairs, regardless of the instructions on the form. The Office of Student Affairs will distribute forms and information as required (see next section on Confidentiality of Medical Records).

Students are to submit all completed forms and supporting documentation to the Office of Student Affairs in person, by fax at 412-392-3855, email: studentaffairs@pointpark.edu or U.S. mail:

Office of Student Affairs
Point Park University
201 Wood Street
Pittsburgh, PA 15222

It is strongly recommended that students keep copies of all Medical Exception Request documents and proof of submission. The Office of Student Affairs will confirm the receipt of documents upon request.

Confidentiality of Medical Records

The Office of Student Affairs understands and takes seriously the confidentiality of the student's medical information provided during the Medical Exception process. This information is shared only with a) University staff needed to consult with regarding the merits of the request, such as the University Nurse or University Counselor, or b) person(s) permitted per the Authorization to Release Information Form if submitted by the student. All Medical Exception Request Forms and supporting documentation will be housed solely within the Office of Student Affairs. University offices such as the Offices of the University Registrar, Student Accounts and Financial Aid will be notified of the decision to grant or deny a Medical Exception Request, but not the details of the request.

Please be advised that the Complete Withdrawal Form and Leave of Absence Form are distributed to the appropriate University offices. It is not necessary or recommended to explain the medical circumstances on the leave of absence form.

Medical Exception Request Decision

A Medical Exception Request and supporting documentation will be reviewed by the Vice President of Student Affairs as soon possible after the Office of Student Affairs receives all documents related to the request. A decision will be sent to the student via U.S. Mail to the address provided on the Medical Exception Request Form.

Readmission to the University

Readmitted students are responsible for meeting all academic requirements in effect at the time they are readmitted, not at the time they were originally admitted to the University. Students granted a Medical Exception may also be required to fulfill additional requirements as a condition of granting the Medical Exception, such as obtaining clearance from their medical provider.

Attendance

The attendance policy for each course section is at the discretion of the instructor, and it is the instructor's responsibility to inform the student of the attendance policy in his or her syllabus. Instructors should not reduce a course grade for absences of less than 20% of the course contract hours caused by active participation in the following events:

- Scheduled varsity athletic competition

- Scheduled make-up season and post-season varsity athletic completion
- Classroom field trips approved by the Department Chair of the school sponsoring the field trip or Provost
- Sanctioned performing arts appearances at non-University facilities
- Specifically sanctioned events approved by the Provost
- Religious observances

Student Responsibilities

Students are encouraged to adopt schedules that maximize their class participation. Those who miss classes are responsible for missed academic work and classroom instruction. They should coordinate with instructors to complete missed assignments and obtain classroom materials, notes, and instructions. Student athletes should inform their instructors of athletic completion participation.

Notification of Extended and Serious Illness

Students who miss class for serious and extended illnesses may request the assistance of the Student Health and Counseling office in notifying their faculty members. The responsibility of arranging to make up missed assignments or to submit assignments late belongs to the student. Participation in certain University events and/or work related travel may, at the discretion of the faculty member, constitute an excused absence.

Leave of Absence

A student must fill out a Leave of Absence form if the student is a) full-time or part-time and will miss one semester or b) online and will miss two consecutive eight-week sessions. Failure to do so will require the student to go through readmission in the Office of Admission and to follow the program of study in effect during the term of return.

A student must have a cumulative G.P.A. of 2.0 or above to apply for a leave of absence. A student granted a leave of absence may return and maintain the same degree requirements that the student was following during the student's last term of attendance at the University. Any university financial aid will be maintained. There is no guarantee about State or Federal financial aid. Please see the Office of Financial Aid for more information.

Transfer Credit Policy

The University may grant transfer credits from regionally-accredited institutions. A minimum course grade of "C" (2.0) is required for consideration of transfer of course credit. Transfer courses must have comparable course learning outcomes to those at Point Park University. Transfer credits are designated with "PT" on the transcript and carry no quality points. Evaluation and acceptance of credits completed ten years or more prior to the transfer request is exceptional. The ultimate decision in such cases resides with the department chair.

Point Park University awards credit in semester hours. One credit is equivalent to 14 hours of class meeting time or equivalent instructional activities. The maximum number of credits the University will grant for work completed through any combination of two-year colleges or the first two years at a four-year college is 70 credits. The University may grant an additional 20 credits, bringing the total to 90, for courses completed at the 300 and 400 levels at four-year colleges and universities. All students must meet the University's final 30 hours residency requirement.

Students must submit official transcripts from each institution attended to the Office of Admission. Transfer students may submit course descriptions and syllabi to assist in the course evaluation process. Students should begin the transfer process as early as possible to provide accurate information during registration. Final evaluations of transfer credits are conducted by the Office of the University Registrar.

Statute of Limitations

Students are expected to make steady and timely progress in their degree programs. In the absence of more stringent rules imposed for good cause by the schools and departments, students demonstrate steady and timely progress by completing all degree requirements within a time span of 10 years. These requirements include all

for-credit experiences such as courses (whether taken at Point Park University or elsewhere), evaluations, examinations, internships, and performances.

If a student wishes to apply credits older than 10 years to his or her degree requirements, these credits will be evaluated by the appropriate department faculty. Faculty may accept or reject credits older than 10 years; their decision to accept or reject must be in writing and will become part of the student's permanent academic records. If the decision is to reject some or all of the older credits, the student's faculty advisor will help the student to develop a plan for completing his or her degree if such a plan is feasible.

Students may appeal the faculty's decision on older credits to the Provost, who has the final authority to accept or reject such credits.

Transfer Student Appeal Process

Students should review their official transfer credit evaluation for accuracy. If any omissions or errors are discovered, then students have the right to appeal the evaluation. Those appeals can occur upon admission to Point Park or during their enrollment, following the steps outlined below.

1. Upon admission to the University and receipt of the Transfer Credit Evaluation, the student should complete the Transfer Credit Appeal Form and submit it to the Office of the University Registrar. Students may complete the form to appeal decisions on transfer credit evaluations, specifically for courses that have been rejected. The Office of the University Registrar will review and correct any errors and correct errors and/or omission if appropriate
 - a. Students are responsible for gathering and submitting supporting documentation such as prior syllabi and course descriptions. An incomplete form with insufficient documentation will result in denial of said request.
2. If the situation is not resolved to the satisfaction of the student, he/she may appeal in writing within 10 calendar days to the department chair. This document must explain why the decision at the informal level should be changed. If there is a resolution, the department chair will forward the decision to the Office of the University Registrar.
3. If the student is not satisfied with the department chair review, then within 10 calendar days, they may make a written final appeal to the Associate Provost.

Post-Matriculation Transfer Credit Policy

Students currently enrolled at Point Park University who wish to earn credit for work completed at other institutions, a College Level Examination Program (CLEP), or Defense Activity for Non-Traditional Education Support (DANTES) during the summer or any other academic term (with the exception of full-time students who cross-register) must obtain permission from their academic chairperson prior to registering for the course(s). Courses must be taken at an accredited institution and must earn a grade of "C" or above. Students must request this permission by filing a *Request to Transfer Credits* form to be approved by the department chairperson and the Office of the University Registrar; therefore, credits will not be accepted for a course if a student has not obtained formal permission. International students who request to take courses at another institution must also receive permission from the International Student Services and Enrollment Office. *Students may not repeat failed Point Park University courses for credit at another institution or receive CLEP or DANTES credit for that course.*

Requests to Transfer Credits

Point Park University maintains the following policies on requests to transfer credits post-matriculation:

1. The student must have a status of sophomore or higher when taking courses at another institution. The student must complete a CLEP and DANTES before the end of their sophomore term (90 credits)
2. The student must have a G.P.A. of 2.00 or higher
3. No more than one course (3-4 credits) per semester and two courses (6-8 credits) during the summer may be taken
4. No courses may be taken elsewhere that are offered through Point Park University in the requesting semester
5. No more than a total of six courses from the time of matriculation to graduation will be permitted
6. All fundamental*, capstone and some thematic core courses must be taken in residence
7. Restrictions for specific majors and minors may apply

8. The student must adhere to the residency requirements

*COMM101, ENGL101, UNIV101-Fundamental Courses

Advanced Placement Examination (AP),

The University may grant credit for scores of three or higher on an AP examination offered by the College Entrance Examination Board (CEEB).

Armed Services

Using the American Council on Education *Guide to the Evaluation of Educational Experiences in the Armed Services*, the University may grant credit for educational experiences in the armed services. In order to be considered for Advanced Standing Credit, students must submit appropriate documentation to both enrollment offices.

University-Level Courses or Workshops

Students who have successfully completed courses or workshops for college credit through in-service training may submit an official transcript for consideration. The University may grant credit based on the American Council on Education in the *National Guide to Educational Credit for Training Programs*.

College Level Examination Program (CLEP)

CLEP enables those with education obtained in a non-traditional manner to become eligible for college credit. The University may grant credit for CLEP results at or above the level recommended by the University Entrance Examination Board. The Provost, in coordination with the appropriate department chairperson, determines course equivalencies for each examination. Students must complete a CLEP before the end of their sophomore term (90 credits). Students should be aware that a maximum total of sixty credits may be earned through a combination of CLEP and DAN TES, and that credits obtained in this fashion do not satisfy the residency requirement. Students may not repeat failed Point Park University courses for credit at another institution or receive CLEP or DAN TES credit for that course.

Credit by Examination

The University may grant matriculated students credit by examination for any course offered at Point Park University for which a CLEP test is not available and for which testing is an appropriate method of evaluation, as determined at the discretion of the department offering the course. Students must sit for the exam prior to taking the sequence course; for example, a student seeking credit by exam for ACCT 101 would have to take that exam before taking ACCT 102. Application forms for these examinations are available from the department offering the course. The Registrar must receive recommendations for credit by examination at least one full term prior to graduation. Courses in different departments must be requested on separate forms. Credits obtained in this fashion do not satisfy the residency requirement.

Defense Activity for Non-Traditional Education Support (DANTES)

The DANTES exam gives qualified military personnel the opportunity to obtain academic credit, gain admission to college, and receive professional certification on the basis of job experiences. This program is also available to civilian students at all American colleges and universities. The University may grant credit for the DANTES Subject Standardized Tests if the scores meet or exceed the level recommended by the American Council on Education. Students must complete a DANTES before the end of their sophomore term (90 credits). The University will grant no more than 30 credits for these exams. The Provost, in consultation with the appropriate department chairperson, determines course equivalencies for each examination. Students should be aware that a maximum total of sixty credits may be earned through a combination of CLEP and DANTES, and that credits obtained in this fashion do not satisfy the residency requirement. Students may not repeat failed Point Park University courses for credit at another institution or receive CLEP or DANTES credit for that course.

Experiential Learning

The University may grant credit for experiential learning to students whose life or professional experiences encompass college-level learning. Before seeking such credit, a student must have completed a minimum of six credits at Point Park University. Application forms are available from the department concerned with the academic discipline at issue. A completed application includes a petition from the student, documentation from workplace supervisors, a portfolio or other evidence of acquired learning, and any other information deemed relevant by the respective department illustrating that the student has achieved the course objectives. This documentation will be maintained for five years in the respective department. The chair will review the petition and, in some cases, request further information before making his or her recommendation. Students must submit credit applications for different departments on separate forms.

The Registrar must receive recommendations for experiential learning credit at least one term prior to graduation. Under no circumstances will a student receive more than eighteen credits for experiential learning. Credits obtained in this fashion do not satisfy the residency requirement and may not be used to satisfy internship requirements.

Recognition of Academic Achievement

Point Park students who achieve academic excellence are recognized by the University through a variety of honors and special awards.

Graduation Honors

Honors upon baccalaureate graduation are awarded as follows:

G.P.A. of 3.50 to 3.69	<i>Cum Laude</i>
G.P.A. of 3.70 to 3.89	<i>Magna Cum Laude</i>
G.P.A. of 3.90 to 4.0	<i>Summa Cum Laude</i>

Outstanding Senior Awards

The Alumni Association Outstanding Graduate Award is given to a senior in recognition of scholastic achievement, commitment to the community, a strong work ethic and service to Point Park University.

Departmental Academic Excellence Awards

Each of the University's academic departments, based on departmental criteria, identifies its most distinguished undergraduate and graduate student. The Provost will formally recognize each of the distinguished graduates.

Dean's List

The Dean's List acknowledges superior academic performance of full-time students successfully completing twelve or more credits during the fall and spring semesters. To appear on the Dean's List a student must have earned a Term Grade Point Average (T.G.P.A.) of 3.50 or better and no grade less than a "C." Part-Time students become eligible for Dean's List recognition upon the completion of 12 credits at Point Park University. Part-time students must maintain a cumulative G.P.A. of 3.50 or higher and earn no grade lower than "C" in either the fall and spring semesters. The Dean's List notation appears on the student's transcript.

Alpha Chi

Alpha Chi is a national honor scholarship society that promotes academic excellence and exemplary character among undergraduate college and university students and honors those achieving such distinction. Point Park University's Pennsylvania Eta Chapter was chartered in 1982. An invitation to join Alpha Chi is extended to those junior and senior students who meet Alpha Chi's membership criteria:

- (1) good reputation and character
- (2) junior standing (minimum of 60 credits earned at the undergraduate level)
- (3) one academic year of study and a minimum of 24 credits completed at Point Park University
- (4) ranking in the top 10 percent of class (junior or senior).

Student files are reviewed early each spring semester, and an induction ceremony is held after invitations have been extended and accepted.

Pi Lambda Theta

Founded in 1910, Pi Lambda Theta is an international honor society and professional association in education that honors excellence and fosters leadership skills and intellectual values. Membership is open to students and professionals who have met specific academic requirements.

Placements

Admitted students may be required to take placement exam(s). For the most updated placement exam information, please refer to the Academic Policies section of the Point Park University web site.

English Placement

Based on their high school transcripts, SAT scores and evaluation of their academic preparation, full-time students may be required to take an English Placement Examination during orientation and may be subsequently placed in an appropriate entry-level English course.

During their first year on campus, students must successfully complete ENGL 101. Those entering Point Park University on the basis of transfer agreements with other institutions receive full academic credit for any comparable writing course, as do those presenting adequate scores on AP examinations. The University expects its graduates to have the ability to communicate effectively. That expectation represents this institution's sustained commitment to the teaching of writing and its firm adherence to established standards.

Modern Language Placement

Modern Language faculty make the determination on course placement for students continuing post-secondary study of a modern language. Course placement for transfer students corresponds to the competency level implied by the credits transferred. Students wishing merely to demonstrate proficiency in a modern language may do so through CLEP or the Advanced Placement Examination of the CEEB.

Registration

The [Office of the University Registrar](#), located on the ninth floor of Thayer Hall, is open Monday through Friday from 8:30 a.m. to 4:30 p.m.

Registration is critically important. It is the recurring process through which students gain entry to the classes they wish to attend. Only students officially registered for a given section of a course may attend class, earn a grade, and receive credit for their work.

Using the applicable available course listing on PointWeb and the University website, currently enrolled students must register for the next term during a specified registration period. Students can register for classes with their student ID using the online registration system within PointWeb. To obtain the best selection of courses, students are encouraged not to wait until the start of the semester to register as classes can fill up quickly. Be advised that in order to proceed with the registration process, students must be cleared of academic, financial, and non-financial requisites. Full-time first year students register with the assistance of the Center for Student Success, while entering part-time students register through the Office of Graduate Admissions. Continuing students register with their school adviser. Registration is the responsibility of the student. To discharge that responsibility with confidence, students should use the pre-registration period to meet with their academic advisors. In those meetings, students can confirm the appropriateness and efficacy of their planned course of study. Academic advisors must sign off on all overloads of 19-21 credits. The associate provost must sign off on all overloads of 22 credits or above. Students on probation who want to register for more than 12 credits (full-time) or 6 credits (part-time) must have the written approval of the appropriate school department chair.

By completing the online registration process, a student is agreeing to pay all charges on the tuition and fee account when due. The student also acknowledges that failure to make a required payment by the stated deadline can result in late payment charges, inability to register for a future term, and/or withholding of a transcript and/or diploma. Further, this debt would be considered an educational loan. By completing this registration "under seal" the student is aware that collection activities may continue for up to 20 years. In event of collection procedures or a suit to collect unpaid balances on the student's account, the student will be charged all of the University's costs for collections, including legal fees, not to exceed 50% of the entire outstanding balances. The Registrar may assess fees, payable in advance, for both late registration and late schedule changes. Registration and schedule changes become official only when officially approved by the Office of the University Registrar.

Cross-Registration

Point Park University participates in the protocol of [cross-registration](#) subscribed to by the [Pittsburgh Council of Higher Education](#) (PCHE), which gives students access to courses offered at Carlow University, Carnegie Mellon University, Chatham University, the Community College of Allegheny County (all campuses), Duquesne University, La Roche College, Pittsburgh Theological Seminary, Robert Morris University, and the University of Pittsburgh.

Full-time students who are registered for twelve or more credits may cross-register for one course a semester at the host institution. Cross-registration is available during the fall and spring terms only. Before cross-registering, students must secure the written approval of their departmental advisor, the Registrar, and the school department chair. Transcripts will reflect grades and credits earned in consequence of any cross-registration.

Transcripts

Transcripts will not be released to any person or agency without proper signed authorization from the student or graduate. All transcript requests will be electronically processed and expedited through the National Student Clearinghouse. Transcripts will be sent to the student or requested third party electronically. A student or graduate may track an electronic transcript request from the NSC by email, text message or by logging in to the [NSC service website](#).

Transcripts can be ordered at a cost of \$12 for a hard paper copy and \$9 for a secure electronic copy using any major credit/debit card. A transcript request will not be honored if there is a financial obligation on the student's Point Park University account. The student will be notified by email in this instance.

Individuals may request a free unofficial transcript by completing a Transcript Request Form. Only unofficial transcripts will be processed by the Office of the University Registrar. Unofficial transcript requests will be processed in three to five working days. Persons wishing to pick up an unofficial transcript must give the Registrar 24 hour notice.

Reserve Officers Training Corps (ROTC) Program

Duquesne University - Army ROTC

The Army ROTC Program is open on a voluntary basis to all students at Point Park University through a cross-registration agreement with Duquesne University. It is an elective course structured to give the student a variety of practical experiences in leading and managing people and resources while learning about the military profession and the role it plays in our system of government. Interested students can choose to pursue a commission as a Second Lieutenant in the United States Army, Army National Guard, or Army Reserve. Courses are taken in conjunction with a student's required or normal course of study leading to a degree.

In addition, Two, Three, and Four year Scholarships are available to qualified students. Sophomores and Juniors may also choose to attend Leaders Training Course (LTC) at Fort Knox, KY during the summer for four weeks in order to synchronize Army ROTC with their academic timeline. Students may earn academic credit for attending LTC and are paid a stipend for their attendance. Army ROTC scholarships provide full and complete tuition payment, \$600/semester for books and fees, and \$300-\$500 monthly stipend during the academic year. Students who have prior enlisted service in any military branch may also seek advanced standing in ROTC en route to earning a commission. Scholarships and/or tuition assistance is also available for students who have served in the Armed Services previously or are currently serving in the National Guard or Reserve. Call (412) 807-1060 or via e-mail at Conrad.c.slyder.mil@mail.mil.

University of Pittsburgh - Air Force ROTC (AFROTC)

The AFROTC program is open to all full-time Point Park University students through a cross-registration agreement with the University of Pittsburgh. The AFROTC offers both a two- and a four-year program leading to a commission as a Second Lieutenant in the United States Air Force. As an Air Force officer, the individual will serve as a pilot, navigator, missile launch officer, engineer, computer scientist or other type of specialist. Students enrolled in the AFROTC devote a limited number of hours each week to the program with time remaining for the normal academic, social and athletic activities offered by the University. The AFROTC program is open to all full-time students who are U.S. citizens or are eligible for citizenship. In addition to the academic portion of the curriculum, each student attends one hour per week of Leadership Laboratory. The theory of leadership and management is given practical application in the Leadership Laboratory; it is a cadet-centered activity. For additional information contact the Air Force ROTC Office, University of Pittsburgh, Room 2917, Cathedral of Learning, 4200 Fifth Avenue, Pittsburgh, Pa. 15260. Telephone: (412) 624-6396/6397.

ACADEMIC PROGRAMS

Point Park University offers the Bachelor of Arts, the Bachelor of Science, the Bachelor of Fine Arts, the Associate in Arts and the Associate in Science degrees. While some of the programs of study are those traditionally found in colleges of liberal arts and sciences, others reflect the cultural, business and industrial needs of the community. Emphasizing career preparation within a broad educational context, these programs enhance the prospects of graduates seeking professional positions in today's highly competitive job market.

The University also offers multiple graduate programs. For a catalog or further information on the graduate programs, call the Graduate Admissions Office at (412) 392-3808.

Degrees and Academic Majors

CONSERVATORY OF PERFORMING ARTS

Department of Dance

- B.A. - Dance
- B.A. - Dance Pedagogy
- B.F.A. - Dance

Cinema Arts Department

- B.A. - Animation & Visual Effects
- B.F.A. - Animation & Visual Effects
- B.A. - Cinema and Media Studies
- B.F.A. - Cinema Production (with concentrations in Cinematography, Directing, Editing, Producing or Sound)
- B.A. - Writing for the Screen and Media
- B.F.A. - Screenwriting

Department of Theatre

- B.F.A. - Theatre Arts
- B.F.A. - Acting
- B.F.A. - Musical Theatre
- B.F.A-Technical Production: Design
- B.F.A. - Theatre Production: Stage Management
- B.F.A. - Theatre Production: Technical Design and Management

SCHOOL OF ARTS AND SCIENCES

Department of Humanities and Social Sciences

B.A. - Global Cultural Studies
B.A. - History
B.A. - Interdisciplinary Designed Major
B.A. - Legal Studies
B.A., B.S. - Liberal Studies with an Elected Area of Concentration
B.A., B.S. - Liberal Studies - Capstone
B.A. - Political Science

Department of Psychology

B.A. - Behavioral Sciences
B.A. - Psychology
B.A./M.A. - Psychology

Department of Literary Arts

B.A. - English
B.A. - Creative Writing
B.A. - Social Justice Studies

Department of Natural Sciences, Engineering and Technology

B.S. - Biological Sciences
B.S. - Civil Engineering Technology
B.S. - Electrical Engineering
B.S. - Electrical Engineering Technology
B.S. - Mechanical Engineering
B.S. - Mechanical Engineering Technology
B.S./M.S. - Engineering Management (4+1 Program)
B.S. - Pre-Medical and Health-Related Professions
B.S. - Specialized Professional Studies: Funeral Service
B.S. - Specialized Professional Studies: Funeral Service - Capstone

Department of Criminal Justice and Intelligence Studies

B.S. - Criminal Justice
B.S./M.S. - Dual Criminal Justice Program
B.S. - Forensic Science
B.S. - Intelligence and National Security
Certificate - Intelligence and National Security

ROWLAND SCHOOL OF BUSINESS

B.S. - Accounting
B.S. - Business Management
B.S. - Economics and Finance
B.S. - Human Resource Management
B.S. - Information Technology
B.A. - Organizational Leadership
B.S. - Public Administration

B.S. - Sports, Arts & Entertainment Management
Certificate - Emergency Medical Services Administration
Certificate - Fire Service Administration
Certificate - Human Resource Management
Certificate - Public Administration

SCHOOL OF COMMUNICATION

B.A. - Broadcast Production and Media Management
B.F.A. - Graphic & Interactive Design
B.A. - Journalism
B.A. - Multimedia
B.F.A. - Photography
B.A. - Public Relations and Advertising

SCHOOL OF EDUCATION

A.A. - Early Childhood Education
B.A. - Instructional Studies
B.A. - Pre-Kindergarten - Grade 4
B.A. - Pre-Kindergarten - Grade 4 and Special Education (Pre-K - Grade 8)
B.A. - 4th - 8th Grade, English Concentration
B.A. - 4th - 8th Grade, English Concentration and Special Education (Pre-K - Grade 8)
B.A. - 4th - 8th Grade, Mathematics Concentration
B.A. - 4th - 8th Grade, Mathematics Concentration and Special Education (Pre-K - Grade 8)
B.A. - 4th - 8th Grade, Science Concentration
B.A. - 4th - 8th Grade, Science Concentration and Special Education (Pre-K - Grade 8)
B.A. - 4th - 8th Grade, Social Studies Concentration
B.A. - 4th - 8th Grade, Social Studies Concentration and Special Education (Pre-K - Grade 8)
B.S. - Biological Sciences/Secondary Education
B.S. - Biological Sciences/Secondary Education and Special Education (Grades 7 - 12)
B.A. - Citizenship/Secondary Education
B.A. - Citizenship/Secondary Education and Special Education (Grades 7 - 12)
B.A. - English/Secondary Education
B.A. - English/Secondary Education and Special Education (Grades 7 -12)
B.S. - Mathematics/Secondary Education
B.S. - Mathematics/Secondary Education and Special Education (Grades 7 - 12)
B.A. - Social Studies/Secondary Education
B.A. - Social Studies /Secondary Education and Special Education (Grades 7 - 12)

Pre-Professional Preparation

Law School Preparation – Department of Humanities and Social Sciences

Preparation for the study of law requires a broad educational background with concentration in a major that will develop the essential analytic and expository skills. Most students will find that a liberal course of study (such as Political Science, Global Cultural Studies, or English) provides an excellent preparation for the study of law. Students preparing for law school are advised to choose a major area of study early in their college programs and to consult with their advisor in the Department of Humanities and Social Sciences.

Special Programs, Options and Courses

Point Park University Composition Program

Excellent written communication and reading skills are vital for success both in higher education and in the real-world workplace. The Composition Program at Point Park University offers courses that introduce students to the practices and approaches necessary for effective writing in academic contexts and in future careers. In order to achieve their goals, advance their professions, and serve their communities in accordance with the Point Park University Mission, all students are required to:

- read, understand, and analyze college-level texts.
- communicate in writing that is focused, organized, and appropriate for their audience and purpose.
- use sources purposefully and responsibly.
- respond intelligently to the range of traditional and digital forms of communication they will encounter as students, as members of a business or professional community, and as citizens.
- recognize and apply the conventions of edited written English.

In the interest of these goals, Point Park students must successfully complete the Core Fundamentals course, ENGL 101: College Composition. ENGL 101 prepares students to develop persuasive arguments and to write effectively using sources. ENGL 101's focus on argument makes it a good foundation for other Writing Intensive courses. Students should plan to take ENGL 101 in the Fall, Spring, or Summer of their first year.* For students who plan to take additional Writing Intensive coursework, the Composition Program regularly offers ENGL 201: Advanced Composition, a theme-based WI course that invites students to develop their writing skills by engaging in close reading and textual analysis. Students can check the University coursebook for Writing Intensive courses housed in other departments and programs on campus. For students who would like additional support, guided work time, and feedback on their writing, The Composition Program offers a one-credit Writing Studio. This one-hour workshop can be taken in conjunction with ENGL 101: College Composition or any WI-designated course.

*Please check with your advisor and consult your Degree Requirements. Some majors require that ENGL 101 be taken in a specific semester or sequence of coursework.

More about ENGL 101: College Composition

The Core Curriculum has been designed to provide each student with the opportunity to function as a problem solver, an effective researcher, and an excellent communicator. As a Fundamentals course in the Core, ENGL 101 stresses analytical reading; thesis development; collaboration and revision; and research and writing from sources. It is a prerequisite to all Writing Intensive classes. ENGL 101 is also offered in a Fundamentals-Intensive format with a Writing Lab component for students who need additional preparation for college-level writing. Placement recommendations may require students to take ENGL 101 in conjunction with an additional credit of lab or studio instruction. Students who earn F or NP grades in ENGL 101 will be required to re-take the course in conjunction with the one-credit Writing Studio course. Sections of Honors ENGL 101 are available for qualified students in Point Park's Honors Program.

Successful completion of ENGL 101 is essential for further Writing Intensive coursework and provides a

foundation for effective written communication at the university and beyond. In ENGL 101, students will:

- engage in process-oriented approaches to writing, think collaboratively about writing, and provide constructive peer feedback.
- consider audience and purpose for each rhetorical situation, with attention to the development of argument and appropriate support.
- locate, evaluate, and integrate primary and secondary sources in order to situate ideas in conversation with other authors and texts.
- follow conventions for proper source documentation and correct grammar, spelling, and mechanics.
- analyze arguments from a variety of sources.

Humanities and Social Sciences and Literary Arts majors must earn a grade of “C” or above in ENGL 101.

After completion of ENGL 101, additional Writing Intensive coursework offers students the opportunity to focus on writing within a specific discipline or area of interest and to write for varied contexts, media, and purposes. Learning conventions within a particular discipline or field enables students to meet the expectations of specialists in Point Park classes, graduate school, or in future professions. Writing Intensive classes build on what students learn in ENGL 101 by asking them to:

- conduct research using discipline-appropriate methods.
- format, structure, and design documents according to disciplinary conventions.
- cite sources in a range of documentation styles (APA, MLA, etc.).

In some cases, students with Advanced Placement (AP) or International Baccalaureate (IB) credit may be exempted from ENGL 101. Some majors may require WI coursework. Please consult your degree requirements sheet.

Honors Program

The Honors Program Mission

To facilitate a wealth of opportunities for interdisciplinary academic exploration, service to the community and world, and novel learning experiences in an enriching and diverse community of scholars and leaders.

Requirements

Honors students complete a minimum of 21 credits of honors designated courses that include core classes, independent study courses, upper-level courses or contract courses, beginning with the Honors University Experience course, taken in the first year. At least two courses must be at the 300 or 400 level. Students will enroll in three one-credit honors add-on courses – HON 299, Honors Service Learning, HON 399 Honors Experiential Learning and HON 499 Honors Capstone – to appropriate courses. Classes can be adapted as honors courses with instructor permission, and completion of a contract and approval from the honors program director, depending on the major and students’ graduate study goals or career objectives.

The student must complete all undertaken coursework with a 3.0 overall QPA and all honors coursework with a cumulative 3.5 QPA. Students who complete the Honors Program requirements will receive a certificate and recognition upon their graduation.

Application

Any student who desires a challenge may participate in the Honors Program; however, students who receive Presidential Scholarships are automatically accepted into the Honors Program, as are students who have earned a 3.5 or higher Q.P.A. in high school or other colleges and scored 1250 or higher on the SAT or a 25 ACT score. If students apply to Point Park on a test-optional basis, their portfolio score needs to be 85 for automatic acceptance. Other students can apply either upon admission to Point Park or during their enrollment.

Applications are available from the Honors Program office, 405 Lawrence Hall or the university website at www.pointpark.edu/Academics/AcademicSupport/HonorsProgram. For more, please contact the Honors Program office at honorsprogram@pointpark.edu or 412-392-8192.

Study Abroad Program

The Study Abroad Program at Point Park University is an opportunity for students, not a requirement for their degree program. Students are responsible for all paperwork associated with the study abroad program and all documents necessary for traveling abroad. Students also assume all responsibilities and risks associated with study abroad opportunities. Point Park University offers the following four study abroad opportunities:

- Regent's College, London
- American University of Rome
- University of Salford, Manchester
- CSDMA (dance conservatory), Madrid*

This list is subject to change; for the most current list of programs, consult the website.

*The CSDMA is only open to dance majors at this time.

Occasional trips to Europe are arranged by Point Park University faculty. Some of these trips are offered as three-credit courses, with the travel usually occurring over the summer. In the past, destinations have included Greece, Hungary, England, Scotland, France, Canada, Ireland, Italy, Iceland, Belgium, Brussels, and the Czech Republic.

In addition, other schools and study abroad organizations sponsor programs in which Point Park University students can participate. With these types of programs, students are responsible for researching options and working with the program directly to meet all deadlines and requirements, as well as arranging financing. Students are also responsible for meeting Point Park requirements. The study abroad coordinator has a limited amount of information available on these types of programs, and students are welcome to visit the office to browse at their leisure.

Students wishing to participate in the Point Park Study Abroad Program must meet certain participation requirements. A student must be in good standing with the University and be able to obtain academic, financial, student conduct, and Student Affairs clearances, and have no other outstanding obligations at the University in order to participate in the program. A minimum GPA of 2.5 is required; some programs require a higher GPA.

Information meetings are generally held in September and February each year; students planning to study abroad in the spring semester should attend the September meeting; students planning to study abroad during the summer or fall semester should attend the February meeting. The deadline in which to apply for the spring semester is normally on or before October 1; for the summer and fall semesters, it is normally on or before March 1. A maximum of fifteen (15) students per semester are permitted to participate in the University-sponsored study abroad programs.

For more information about Point Park University's Study Abroad program, visit the [Study Abroad](#) web pages.

The Individually-Designed Major

Recognizing that students with a special talent or interest may require more freedom in arranging a program than the established curriculum allows, the University provides the Individually-designed major. The chair of the department most closely related to the student's area of interest and faculty members from the disciplines involved design the curriculum.

An Individually-designed major is considered a privilege to be granted to students with a minimum G.P.A. of 3.00. Normally, the program will require 48 credits of course work in at least two interrelated disciplines. A maximum of 18 of these credits may be taken through cross-registration and a maximum of nine credits may

be taken on an independent study basis. To initiate the program, a student must present a written proposal and consult with the chair of the department most closely related to the student's areas of interest before the end of the sophomore year.

Post-Baccalaureate Programs

Students who already hold a baccalaureate degree from an accredited institution and who meet the requirements for admission to Point Park University may pursue a second baccalaureate degree in accounting, biotechnology, business management, human resource management, information technology, journalism and mass communication, and liberal studies. An associate degree in Engineering Technology is also available to students with baccalaureate degrees. All other baccalaureate degrees require students to complete the full curricular program.

The University also offers post-baccalaureate Bachelor of Arts programs leading to state certification in pre-kindergarten to grade 4, grades through 8 and secondary education. Participants in these programs must already hold a baccalaureate degree from an accredited institution and must meet admission requirements of the Department of Education in addition to the requirements for admission to Point Park University.

Students should see the chair or an academic advisor of the Department of Education for admission requirements before registering for classes.

Associate Degrees

The associate degree programs offered by the University permit students to continue to baccalaureate degree programs in the same major discipline without loss of credits. The requirements for the various associate degree programs offered are listed under the department headings.

Certificate Programs

The University offers certificate programs in intelligence and national security, early education/child care, K-12 principal, public administration (online), human resource management (online), fire service administration, and EMS administration. Students must declare the certificate program as their objective upon admission to the University. Prerequisites and other requirements for those programs must be completed within four years. Application for graduation must be made in the Office of the University Registrar during the student's final term at the University.

Programs Leading to State Certification in Education

Undergraduate and post-baccalaureate and graduate programs leading to state certification in early childhood and elementary education are offered by the School of Education. Other programs leading to certification in Secondary Education are provided by the Departments of Humanities and Social Sciences, Journalism and Mass Communication, and Natural Sciences, Engineering and Technology. All of these programs include course requirements that satisfy the standards set by the Pennsylvania Department of Education. Upon graduation from Point Park University, with the School of Education's recommendation and successful completion of the teacher-certification examinations, students become eligible for the Instructional I Certificate issued by the Commonwealth of Pennsylvania. Students are required to take their teacher certification examinations before beginning the student teaching assignment.

The Concentration or Focus

A concentration or focus at Point Park University refers to a special grouping of courses that provides expertise in a specific sub-field of a major discipline. For example, majors in theatre arts may focus on acting, musical theatre, stage management, or technical theatre/design. Students should consult with their academic advisors about the selection of a concentration or focus.

Internships

In order to enrich and complement classroom instruction at Point Park University, sophomores, juniors

and seniors are encouraged to pursue internship opportunities in both for-profit and non-profit organizations. Internships are coordinated by each respective academic department. Responsibility for the accreditation of internships is the sole province of the academic departments. Credits obtained through experiential learning may not be used to satisfy internship requirements.

Special Topics Courses

To make available experimental or non-traditional studies or to use the talents of a particular professor, departments periodically offer courses in special topics. These courses are designated with 295, 395, or 495 course numbers.

Independent Study

Students with special needs may request to undertake an independent study of one to six credits if a comparable course is not available on campus or through another institution of higher education. When that occurs, students must secure a faculty supervisor for their independent study and obtain permission from the department chair and the associate provost. The standard numerical course designators for independent study courses are 296, 396, and 496.

Core Curriculum Requirements

First Year Student Core Curriculum Outcomes

Students must complete 42 credits of general education courses, known as the Core Curriculum, in order to graduate. The philosophical foundation that supports the implementation of the Core Curriculum stems directly from the Point Park University Mission Statement. The purpose of the Mission and the Core is to educate students in a diverse urban environment and prepare them to apply knowledge to achieve their goals, advance their professions, and serve their communities. Therefore, the Core Curriculum offers each Point Park student the opportunity to be prepared to function as an independent learner, to work and live in a society characterized by diversity and change, and to communicate correctly and effectively. The Core Curriculum addresses the purpose, mission, and intended outcomes of Point Park University.

All first-time, full-time first year students will begin a new core curriculum. These freshmen will complete the following three fundamentals courses in their first year: UNIV 101: City-University Life, ENGL 101: College Composition, and COMM 101: Oral Communication and Presentation. Students will complete core requirements by taking courses to improve skills in the following areas: communication, information literacy, problem solving, global/cultural literacy and creativity/aesthetics.

Thematic Core Requirements

42 credits

Explore the World – (Choice 1) - 3 credits

Explore the World – (Choice 2) - 3 credits

Investigate Science - 3 credits

Investigate Mathematics - 3 credits

Interpret Creative Works - 3 credits

Understand People – (Choice 1) - 3 credits

Understand People – (Choice 2) - 3 credits

Succeed in Business - 3 credits

Appreciate & Apply the Arts - 3 credits

Discover Technology - 3 credits

Capstone - 3 credits

Transfer Students Core Curriculum Outcomes

The philosophical foundation that supports the implementation of the Core Curriculum stems directly from the Point Park University Mission Statement: *Point Park University educates students in a diverse urban environment and prepares graduates to apply knowledge to achieve their goals, advance their professions and serve their communities.* Accordingly, the Core Curriculum has been designed to provide each student with opportunity to function as a problem solver, an effective researcher, and excellent communicator.

The Core Curriculum allows students to integrate knowledge and insights from diverse fields, such as computer and information literacy, literature, mathematics, natural and social sciences, mass communication, and the arts. All core courses emphasize the development of critical thinking and written and oral communication skills. The core courses are designed to work together, regardless of the order in which they are taken. The Core Curriculum emphasizes interactive learning: students are encouraged to venture opinions, to think independently, and to seek creative solutions to intellectual, moral, and practical challenges. Thus, the Core Curriculum serves not only to promote understanding among an increasingly diverse student body, but also prepares students to participate responsibly in our highly technical, democratic society.

GRADUATE DEGREE PROGRAMS

Information on all programs is available in the Point Park University *Graduate Catalog*, which can be obtained from the Graduate Admissions Office located on the first floor of Thayer Hall or by visiting the [Graduate Admissions Office](#) website. For a catalog or information, call the office at (412) 392-3808.

Point Park University welcomes applications for admission to the following graduate programs:

- Doctorate of Education in Leadership and Administration
- Doctorate of Philosophy in Community Engagement
- Doctorate of Psychology in Clinical-Community Psychology
- Master of Arts in Adult Learning and Training (online only)
- Master of Arts in Community Psychology
- Master of Arts in Communication Technology
- Master of Arts in Curriculum and Instruction
- Master of Arts in Educational Administration
- Master of Arts in Intelligence and Global Security
- Master of Arts in Media Communication
- Master of Arts in Media Communication and Master of Business Administration (concurrent degrees)
- Master of Arts in Leadership
- Master of Business Administration
- Master of Business Administration in Global Management and Administration
- Master of Education in Athletic Coaching (online only)
- Master of Education in Secondary Education Leading to PA Certification in Grades 7-12
- Master of Education in Special Education Leading to PA Certification in Pre K - Grade 8
- Master of Education in Special Education Leading to PA Certification in Grades 7-12
- Master of Fine Arts in Writing for the Screen and Stage
- Master of Science in Clinical Community Psychology
- Master of Science in Criminal Justice Administration
- Master of Science in Engineering Management
- Master of Science in Environmental Studies
- Master of Science in Health Care Administration and Management (online only)

ACADEMIC PROGRAMS

Point Park University offers the Bachelor of Arts, the Bachelor of Science, the Bachelor of Fine Arts, the Associate in Arts and the Associate in Science degrees. While some of the programs of study are those traditionally found in colleges of liberal arts and sciences, others reflect the cultural, business and industrial needs of the community. Emphasizing career preparation within a broad educational context, these programs enhance the prospects of graduates seeking professional positions in today's highly competitive job market.

The University also offers several graduate programs. For a catalog or further information on the graduate programs, call the Graduate Admissions Office at (412) 392-3808.

The Conservatory of Performing Arts

The Conservatory of Performing Arts is comprised of professional artists/teachers dedicated to a conservatory approach to training. They believe the path that leads from student to professional, from apprentice to artist is one of education, example, discipline and experience. The Conservatory is committed to the development of craft, the engagement of imagination and the cultivation of tools that enable students to become the protagonists in their lives.

The Department of Theatre offers Bachelor of Fine Arts degrees in Acting, Musical Theatre, and Theatre Production.(Stage Management, Design or Technical Design & Management) as well as a Bachelor of Fine Arts in Theatre Arts The Department of Dance offers concentrations in Ballet, Jazz, Modern Dance and Dance Pedagogy. The Cinema Arts Department offers six programs including Animation & Visual Effects; Cinema Production with concentrations in Cinematography, Directing, Editing, Producing or Sound; and Screenwriting.

The Conservatory offers both the Bachelor of Arts and the Bachelor of Fine Arts degrees. The programs offered by the Conservatory combine specialized professional education and a full range of arts training within the framework of the liberal arts and sciences. The Department directs its efforts toward perfecting the professional abilities of its students while emphasizing those aspects of the curriculum related to human values, social responsibility and scholarship. The faculty endeavors to develop an appreciation and an awareness of what the arts world expects of its practitioners.

Students must give full-time focus to academic studies and professional classes. Regular attendance is required at lecture and laboratory sessions that are held in the University dance, theatre and art facilities, and the photographic, film and video laboratories. Students in Theatre and Dance must participate in productions that are performed for the academic community and the public. Continuing professional development is required of all majors since the University curriculum and the performance programs are designed to develop the students' potentials to the highest level. The Bachelor of Fine Arts program is open only to those students who, in the opinion of the faculty, possess the level of maturity, discipline and ambition required to complete this intensive program. Students may apply or audition at the end of their sophomore year.

Other candidates who wish to pursue a more diversified program should complete the requirements for the Bachelor of Arts program in Dance, Theatre Arts, or Cinema and Media Studies.

The faculty reserves the right at any time to recommend a change of focus or major for students who do not respond to the professional expectations of the program. All programs maintain conservatory intensity within a liberal arts context. *Please note: Non-compliance with policies of the program may result in dismissal from the program.*

Department of Dance

B.A. - Dance (with concentrations in Ballet, Jazz or Modern Dance)

B.A. - Dance Pedagogy (with concentrations in Ballet, Jazz or Modern Dance)

B.F.A. - Dance (with concentrations in Ballet, Jazz or Modern Dance)

Cinema Arts Department

B.A. - Animation & Visual Effects

B.F.A. - Animation & Visual Effects

B.A. - Cinema and Media Studies

B.F.A. - Cinema Production(with concentrations in Cinematography, Directing, Editing, Producing

or Sound)
B.A. – Writing for the Screen and Media
B.F.A. - Screenwriting

Department of Theatre

B.F.A. - Theatre Arts
B.F.A. – Acting
B.F.A. – Musical Theatre
B.F.A. – Theatre Production: Design
B.F.A. – Theatre Production: Stage Management
B.F.A. – Theatre Production: Technical Design and Management

Department of Dance

Professors: Doug Bentz (Emeritus) , B.A.; Jay Kirk, M.F.A.; Susan Stowe, B.F.A.

Associate Professors: Kiesha Lalama, M.F.A.; Judith Leifer-Bentz; Garfield Lemonijs, M.F.A. (Chair),

Assistant Professors: Mark Burrell, B.F.A.; Jason McDole, B.F.A.; Colleen Hopper, Ph.D.; Matthew Powell, B.A

Visiting Artists:

The University confers either the Bachelor of Arts or the Bachelor of Fine Arts degree upon graduates of the Dance program. All students who apply for entrance into the Dance program are required to audition for artistic acceptance. Accepted students take a prescribed core curriculum during the first year. Incoming students, who, in the judgment of the faculty, possess the level of maturity, discipline and ambition required of a more intensive program will be designated as BFA candidates and will be reassessed at the end of the first year. Bachelor of Arts candidates who wish to be considered for the Bachelor of Fine Arts degree must complete an application and submit it to the Chair before February 1 of their sophomore year. In the case of transfer students, the application must be made by February 1 of their second term at Point Park University. All other students in the dance program are candidates for the Bachelor of Arts degree.

The Dance program at Point Park University is professionally oriented, and all students accepted into the program should expect a level of training and discipline that reflects this emphasis. Many elements contribute to the success of a professional in the area of dance. Included in these elements are good physical health, intelligence, talent, dedication and a willingness to work long hours to achieve success. Students' grades in dance courses reflect the faculty's evaluation of these important elements. All of these items are an integral part of the Point Park University Dance program, and all students are expected to participate fully in the program in order to achieve these goals.

During the entire period students are pursuing a degree in Dance at Point Park University, they are continually evaluated as potential dance professionals. During their years of dance training at Point Park University, should a student fail to respond fully to the program, the faculty reserves the right to make one or more of the following recommendations: a) change in dance concentration, b) placement on departmental academic probation, c) transfer to a new academic major with a Dance minor, or d) transfer to a new academic major.

Bachelor of Arts Degree with a Major in Dance*

The department requires 120 credits with three dance concentrations in Ballet, Jazz or Modern. By carefully choosing from the available elective courses and consulting with the appropriate department chair and/or academic advisors, students may pursue a double major or one or more minors.

Program Objectives:

- Demonstrate competency of technical skill in their chosen area of concentration.
- Collaborate effectively in the artistic environment, including concise and respectful communication with fellow collaborators and swift and innovative problem solving.
- Identify and communicate (both orally and in written form) and assimilate important events in the history of dance.
- Communicate creatively, analytically, and critically (in oral, written and physical forms) about movement and dance.
- Demonstrate a holistic comprehension of dance technique and its intimate interconnectedness to health, wellness and nutrition.

Core Requirements **42 credits**

Department Major Requirements **24 credits**

- DANC 109 Elements of Production for Dancers - 2 credits
- DANC 115 Music Fundamentals for Dancers - 2 credits
- DANC 130 Production/Rehearsal/Performance I - 1 credit
- DANC 131 Production/Rehearsal/Performance II - 1 credit
- DANC 150 Body Alignment - 1 credit
- DANC 165 Nutrition for Dancers - 1 credit
- DANC 180 Dance Improvisation - 1 credit
- DANC 203 Kinesiology - 3 credits
- DANC 280 Dance Composition I - 2 credits
- DANC 224 History of Dance I - 3 credits
- DANC 225 History of Dance II - 3 credits
- DANC 355 Aesthetics of Dance - 1 credit
- DANC 365 Dance Pedagogy I - 2 credits
- DANC 403 Professional Seminar - 1 credit

Choose a Concentration in Ballet, Jazz or Modern: **36 credits**

Ballet

- BAL 111 Ballet I - 3 credits
- BAL 121 Ballet II - 3 credits
- BAL 131 Point I - 1 credit OR
 - BAL 151 Male Technique I - 1 credit
- BAL 141 Point II - 1 credit OR
 - BAL 161 Male Technique II - 1 credit
- BAL 171 Pas de Deux I - 1 credit
- BAL 181 Pas de Deux II - 1 credit
- BAL 211 Ballet III - 3 credits
- BAL 221 Ballet IV - 3 credits
- BAL 231 Point III - 1 credit OR
 - BAL 251 Male Technique III - 1 credit

BAL 241 Point IV - 1 credit OR
BAL 261 Male Technique IV - 1 credit
BAL 291 Ballet Repertoire I - 1 credit
BAL 311 Ballet V - 3 credits
BAL 321 Ballet VI - 3 credits
DANC 107 Character Dance I - 1 credit
JAZ 101 Supplemental Jazz I - 1 credit
JAZ 102 Supplemental Jazz II - 1 credit
JAZ 201 Supplemental Jazz III - 1 credit
MOD 101 Supplemental Modern I - 1 credit
MOD 102 Supplemental Modern II - 1 credit
MOD 201 Supplemental Modern III - 1 credit

Choose four (4) of the following:

DANC 105 Tap Dance I - 1 credit
DANC 106 Cultural Dance Forms - 1 credit
DANC 205 Intermediate Tap - 1 credit
DANC 230 Production/Rehearsal/Performance III - 1 credit
DANC 231 Production/Rehearsal/Performance IV - 1 credit
DANC 270 Yoga - 1 credit
DANC 281 Dance Composition II - 2 credits
DANC 380 Composition III - 2 credits
JAZ 202 Supplemental Jazz IV - 1 credit
MOD 202 Supplemental Modern IV - 1 credit

Jazz

JAZ 111 Jazz I - 3 credits
JAZ 121 Jazz II - 3 credits
JAZ 211 Jazz III - 3 credits
JAZ 221 Jazz IV - 3 credits
JAZ 311 Jazz V - 3 credits
JAZ 321 Jazz VI - 3 credits
BAL 101 Supplemental Ballet I - 1 credit
BAL 102 Supplemental Ballet II - 1 credit
BAL 201 Supplemental Ballet III - 1 credit
MOD 101 Supplemental Modern I - 1 credit
MOD 102 Supplemental Modern II - 1 credit
MOD 201 Supplemental Modern III - 1 credit
DANC 236 Contemporary Partnering I 1 credit
DANC 237 Contemporary Partnering II - 1 credit

Choose eight (8) of the following:

DANC 106 Cultural Dance Forms - 1 credit
DANC 107 Character Dance I - 1 credit
DANC 205 Intermediate Tap - 1 credit
DANC 230 Production/Rehearsal/Performance III - 1 credit
DANC 231 Production/Rehearsal/Performance IV - 1 credit

DANC 270 Yoga - 1 credit
DANC 281 Dance Composition II - 2 credits
DANC 380 Composition III - 2 credits
BAL 202 Supplemental Ballet IV - 1 credit
MOD 202 Supplemental Modern IV - 1 credit

Modern

MOD 111 Modern I - 3 credits
MOD 121 Modern II - 3 credits
MOD 211 Modern III - 3 credits
MOD 221 Modern IV - 3 credits
MOD 311 Modern V - 3 credits
MOD 321 Modern VI - 3 credits
BAL 101 Supplemental Ballet I - 1 credit
BAL 102 Supplemental Ballet II - 1 credit
BAL 201 Supplemental Ballet III - 1 credit
JAZ 101 Supplemental Jazz I - 1 credit
JAZ 102 Supplemental Jazz II - 1 credit
JAZ 201 Supplemental Jazz III - 1 credit
DANC 106 Cultural Dance Forms - 1 credit Choice One
DANC 106 Cultural Dance Forms - 1 credit Choice Two
DANC 236 Contemporary Partnering I
DANC 237 Contemporary Partnering II - 2-3 credits

Choose eight (8) of the following:

DANC 105 Tap Dance I - 1 credit
DANC 107 Character Dance I - 1 credit
DANC 205 Intermediate Tap - 1 credit
DANC 230 Production/Rehearsal/Performance III - 1 credit
DANC 231 Production/Rehearsal/Performance IV - 1 credit
DANC 270 Yoga - 1 credit
DANC 281 Dance Composition II - 2 credits
DANC 380 Composition III - 2 credits
BAL 202 Supplemental Ballet IV - 1 credit
JAZ 202 Supplemental Jazz IV - 1 credit

General Electives (not in DANC, BAL, JAZ or MOD)

18 credits

Minimum credits for B.A. degree

120 credits

Bachelor of Fine Arts Degree with a Major in Dance*

The Conservatory requires 130-134 credits with concentrations in Ballet, Jazz or Modern. This program is restricted to those who are, in the opinion of the faculty, qualified to pursue professional careers as dancers. Acceptance into the Bachelor of Fine Arts program is dependent upon the prerequisite Grade Point Average (G.P.A.) and the approval of the Dance faculty.

Program Objectives:

- Exemplify the craft and artistry of a working professional in their chosen field of study.
- Collaborate effectively in the artistic environment, including concise and respectful communication with fellow collaborators and swift and innovative problem solving.
- Identify and communicate (both orally and in written form) and assimilate important events in the history of dance.
- Communicate creatively, analytically, and critically (in oral, written and physical forms) about movement and dance.
- Demonstrate a holistic comprehension of dance technique and its intimate interconnectedness to health, wellness and nutrition.

Core Requirements **42 credits**

Department Major Requirements **45 credits**

BAL 111 Ballet I - 3 credits
 BAL 121 Ballet II - 3 credits
 DANC 109 Elements of Production for Dancers - 2 credits
 DANC 115 Music Fundamentals for Dancers - 2 credits
 DANC 130 Production/Rehearsal/Performance I - 1 credits
 DANC 131 Production/Rehearsal/Performance II - 1 credits
 DANC163 Somatic Preparation - 1 credit
 DANC 180 Dance Improvisation - 1 credit
 DANC 203 Kinesiology - 3 credits
 DANC 230 Production/Rehearsal/Performance III - 1 credit
 DANC 231 Production/Rehearsal/Performance IV - 1 credit
 DANC 280 Dance Composition I - 2 credits
 DANC 281 Dance Composition II - 2 credits
 DANC 224 History of Dance I - 3 credits
 DANC 225 History of Dance II - 3 credits
 DANC 365 Dance Pedagogy I - 2 credits
 DANC 380 Composition III - 2 credits
 JAZ 111 Jazz I - 3 credits
 JAZ 121 Jazz II - 3 credits
 MOD 111 Modern I - 3 credits
 MOD 121 Modern II - 3 credits

Choose a Concentration in Ballet, Jazz, or Modern:

Ballet **47 credits**

BAL 171 Pas de Deux I - 1 credit
 BAL 181 Pas de Deux II - 1 credit
 BAL 211 Ballet III - 3 credits
 BAL 221 Ballet IV - 3 credits
 BAL 271 Pas de Deux III
 BAL 291 Ballet Repertoire I - 1 credit
 BAL 311 Ballet V - 3 credits
 BAL 321 Ballet VI - 3 credits
 BAL 411 Ballet VII - 3 credits

BAL 421 Ballet VIII - 3 credits
BAL elective - 1 credit
DANC 107 Character Dance I - 1 credit
DANC 165 Nutrition for Dancers - 1 credit
JAZ 201 Supplemental Jazz III - 1 credit
JAZ 202 Supplemental Jazz IV - 2 credits
JAZ 301 Supplemental Jazz V - 1 credit
JAZ 302 Supplemental Jazz VI - 2 credits
JAZ 401 Supplemental Jazz VII - 1 credit
JAZ 402 Supplemental Jazz VIII - 2 credits
MOD 201 Supplemental Modern III - 1 credit
MOD 202 Supplemental Modern IV - 2 credits
MOD 301 Supplemental Modern V - 1 credit
MOD 302 Supplemental Modern VI - 2 credits
MOD 401 Supplemental Modern VII - 1 credit
MOD 402 Supplemental Modern VIII - 2 credits

Women Only:

BAL 131 Point I - 1 credit
BAL 141 Point II - 1 credit
BAL 231 Point III - 1 credit
BAL 241 Point IV - 1 credit

Men Only:

BAL 151 Male Technique I - 1 credit
BAL 161 Male Technique II - 1 credit
BAL 251 Male Technique III - 1 credit
BAL 261 Male Technique IV - 1 credit

Jazz

43 credits (women); 44 credits (men)

BAL 171 Pas de Deux I - 1 credit (Men Only)
BAL 201 Supplemental Ballet III - 1 credit
BAL 202 Supplemental Ballet IV - 2 credits
BAL 301 Supplemental Ballet V - 1 credit
BAL 302 Supplemental Ballet VI - 2 credits
BAL 401 Supplemental Ballet VII - 1 credit
BAL 402 Supplemental Ballet VIII - 2 credits
DANC 105 Tap Dance I - 1 credit OR
 DANC 205 Intermediate Tap - 1 credit
 DANC 305 Tap Dance III - 1 credit
DANC 236 Contemporary Partnering I - 1 credit
DANC 237 Contemporary Partnering II - 1 credit
JAZ 211 Jazz III - 3 credits
JAZ 221 Jazz IV - 3 credits
JAZ 311 Jazz V - 3 credits
JAZ 321 Jazz VI - 3 credits
JAZ 411 Jazz VII - 3 credits
JAZ 421 Jazz VIII - 3 credits
MOD 201 Supplemental Modern III - 1 credit
MOD 202 Supplemental Modern IV - 2 credits
MOD 301 Supplemental Modern V - 1 credit
MOD 302 Supplemental Modern VI - 2 credits
MOD 401 Supplemental Modern VII - 1 credit
MOD 402 Supplemental Modern VIII - 2 credits

MUS elective in Singing for Dancers - 1 credit
THEA 111 Introduction to Acting - 3 credits

Modern

43 credits

BAL 171 Pas de Deux I - 1 credit (Men Only)
BAL 201 Supplemental Ballet III - 1 credit
BAL 202 Supplemental Ballet IV - 2 credits
BAL 301 Supplemental Ballet V - 1 credit
BAL 302 Supplemental Ballet VI - 2 credits
BAL 401 Supplemental Ballet VII - 1 credit
BAL 402 Supplemental Ballet VIII - 2 credits
DANC 181 Contact Improvisation I - 1 credit
DANC 236 Contemporary Partnering I - 1 credit
DANC 237 Contemporary Partnering II - 1 credit
JAZ 201 Supplemental Jazz III - 1 credit
JAZ 202 Supplemental Jazz IV - 2 credits
JAZ 301 Supplemental Jazz V - 1 credit
JAZ 302 Supplemental Jazz VI - 2 credits
JAZ 401 Supplemental Jazz VII - 1 credit
JAZ 402 Supplemental Jazz VIII - 2 credits
MOD 211 Modern III - 3 credits
MOD 221 Modern IV - 3 credits
MOD 311 Modern V - 3 credits
MOD 321 Modern VI - 3 credits
MOD 411 Modern VII - 3 credits
MOD 421 Modern VIII - 3 credits
MOD 291 Modern Dance Repertory I - 1 credit

Cultural Dance Forms Options: Men Choose 2 credits; Women Choose 3 credits

DANC 105 Tap Dance I - 1-3 credits
DANC 106 Cultural Dance Forms - 1-3 credits
DANC 108 Dunham Technique I - 1 credit

Minimum credits for B.F.A. degree

130-134 credits

Dance Pedagogy

The Conservatory of Performing Arts offers a Bachelor of Arts degree in Dance Pedagogy. The Bachelor of Arts degree provides an integrated dance and pedagogy approach for students who wish to focus on teaching rather than performance. Students wishing to pursue a B.A. in Dance Pedagogy must audition for artistic acceptance, enter the Conservatory as a Dance Major, and may then apply at any time following their first year.

The degree is based on the premise that in order to become a teacher of the arts, a person must be uniquely suited by personality, training and desire. Because the arts teacher requires the most thorough education, the curriculum of this program consists of philosophical and academic foundations along with psychological and educational components.

Bachelor of Arts Degree with a Major in Dance Pedagogy

Program Objectives:

- Demonstrate competency of technical skill in their chosen area of concentration.
- Collaborate effectively in the artistic environment, including concise and respectful communication with fellow collaborators and swift and innovative problem solving.
- Identify and communicate (both orally and in written form) and assimilate important events in the history of dance.
- Communicate creatively, analytically, and critically (in oral, written and physical forms) about movement and dance.
- Demonstrate a holistic comprehension of dance technique and its intimate interconnectedness to health, wellness and nutrition.
- Develop combinations in their chosen area of concentration utilizing the fundamentals of dance training including correct alignment, kinetic organization, weight shifts, core strength and balance.

Core Requirements

42 credits

Education Requirements

9 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits

EDUC 228 Educational Psychology - 3 credits

Psychology Requirements

9 credits

PSYC 309 The Child Five to Fourteen - 3 credits

PSYC 317 Psychology of Adolescence - 3 credits

PSYC 418 Psychology of Adult Development - 3 credits

Department Major Requirements

38 credits

BAL 111 Ballet I - 3 credits

BAL 121 Ballet II - 3 credits

DANC 109 Elements of Production for Dancers - 2 credits

DANC 115 Music Fundamentals for Dancers - 2 credits

DANC 123 Analysis of Dance Techniques I - 1 credit

DANC 130 Production/Rehearsal/Performance I - 1 credit

DANC 131 Production/Rehearsal/Performance II - 1 credit

DANC 203 Kinesiology - 3 credits

DANC 280 Dance Composition I - 2 credits

DANC 224 History of Dance I - 3 credits

DANC 225 History of Dance II - 3 credits

DANC 365 Dance Pedagogy I - 2 credits

DANC 366 Dance Pedagogy II - 2 credits

DANC 367 Practicum - 4 credits

JAZ 111 Jazz I - 3 credits

MOD 111 Modern I - 3 credits

Choose two of the following:

DANC 105 Tap Dance I - 1 credit

DANC 106 Cultural Dance Forms - 1 credit

DANC 107 Character Dance - 1 credit
DANC 108 Dunham Technique - 1 credit

Choose a Concentration in Ballet, Jazz or Modern

15 credits

Ballet

BAL 211 Ballet III - 3 credits
BAL 221 Ballet IV - 3 credits
BAL 311 Ballet V - 3 credits
BAL 321 Ballet VI - 3 credits
BAL 411 Ballet VII - 3 credits

Jazz

JAZ 121 Jazz II - 3 credits
JAZ 211 Jazz III - 3 credits
JAZ 221 Jazz IV - 3 credits
JAZ 311 Jazz V - 3 credits
JAZ 321 Jazz VI - 3 credits

Modern

MOD 121 Modern II - 3 credits
MOD 211 Modern III - 3 credits
MOD 221 Modern IV - 3 credits
MOD 311 Modern V - 3 credits
MOD 321 Modern VI - 3 credits

General Electives

6 credits

Minimum credits for B.A. degree

121 credits

Cinema Arts

Professors: Fredrick Johnson, M.F.A.

Associate Professors: Laura Boyd, M.F.A.; Steven Cuden, M.F.A.; Andrew Halasz, M.F.A.; Pahl Hluchan, M.F.A.

Assistant Professors: (Chair) Cara Friez, M.F.A.; Hanijn Park, M.F.A.; Matthew Pelfrey, M.F.A.; Jonathan Trueblood, M.F.A.

Artists in Residence: Elise D'Haene, Ph.D.; Richard Hawkins, B. A

Senior Teaching Artist: John Rice, B.A.

Cinema Arts is an innovative media production program within the Conservatory of Performing Arts of Point Park University. Dedicated to a conservatory approach to training, the Cinema Arts program emphasizes professional, practical and liberal arts education, both in theory and execution. Exploring the integration of media and the arts in our society and the impact of technology on our culture, the curriculum is designed to provide practical, professional training in animation and visual effects, cinema production and screenwriting while developing a sound foundation in the arts and humanities. Theory, cinema history and aesthetics are taught as an integral part of developing communication and production skills.

The mission of the department is to educate, train, and artistically equip students with the skills necessary to compete in the commercial media industry. The Cinema Arts Department offers a four-year, 120-credit Bachelor of Arts degree in Cinema and Media Studies; as well as a Bachelor of Arts degree in Writing for the Screen and Professional Media, and a Bachelor of Arts degree in Animation & Visual Effects. In addition, the Cinema Arts Department offers a four-year 126-credit Bachelor of Fine Arts degree in Animation & Visual Effects, a 128-credit Bachelor of Fine Arts degree in Screenwriting, and a 129-credit Bachelor of Fine Arts degree in Cinema Production with concentrations in cinematography, directing, sound, editing or producing. A portfolio application is required to enter each of the degree programs. All applicants must be approved by either the Chair of the Cinema Arts Program or by the Director of Academic Administration in the Conservatory of Performing Arts. Enrollment is limited to only those students accepted into the degree program. Students transferring from other institutions should be prepared to spend potentially up to three years to complete a program and should take this into consideration before submitting their applications for admission. At the end of the academic year, the Cinema Faculty will review the academic performances of each student. In the event of unsatisfactory academic performance, the faculty reserves the right to make one of the following recommendations: a change in department major, placement on academic probation, or transfer to a new academic major outside the Cinema Arts Department.

Q.P.A Requirements:

BFA students are required to maintain a Q.P.A of 3.0 or higher.

BA students are required to maintain a Q.P.A of 2.5 or higher.

All Cinema Arts students are required to maintain a Q.P.A of 3.0 or higher to maintain their artistic scholarship.

Bachelor of Arts Degree with a Major in Animation & Visual Effects

Program Objectives

- Demonstrate an understanding of aesthetic foundational principles of design, visual perception, time and motion, and apply them effectively in creative work.
- Demonstrate increasing technical and creative proficiency in the skills and craft of animation or visual effects.
- Articulate, demonstrate and contribute in a collaborative artistic environment.
- Analyze and think critically about animation and visual effects projects.
- Communicate story effectively through picture and sound.

Core Requirements 42 credits

Department Major Requirements

48 credits

ART 213 Introduction to Drawing - 3 credits OR

ART 320 Figure Drawing - 3 credits

CINE 105 Introduction to Screenwriting - 3 credits

DIGI 101 Fundamentals of Design for Animation - 3 credits

DIGI 102 Digital Tools and Techniques - 3 credits

DIGI 201 Cinema Production for Animation and Visual Effects - 3 credits

DIGI 210 Fundamentals of Motion Graphics and Visual Effects - 3 credits

DIGI 220 Fundamentals of Animation - 3 credits

DIGI 225 Sound for Animation and Visual Effects - 3 credits

DIGI 230 Classical Animation - 3 credits
 DIGI 240 Introduction to 3D Animation - 3 credits
 DIGI 245 Visual Development for Animation - 3 Credits
 DIGI 310 Intermediate Visual Effects - 3 credits
 DIGI 311 Intermediate Motion Graphics - 3 credits
 DIGI 315 3D Character Animation - 3 credits
 DIGI 350 Community Animation Project - 3 credits

Department Electives

15 credits

Choose five courses. A minimum of six credits must be taken at the 400 level

ART 213 Introduction to Drawing - 3 credits OR

ART 320 Figure Drawing - 3 credits

CINE 205 Narrative Structure - 3 credits

CINE 210 Visual Structure - 3 credits

CINE 305 Intermediate Screenwriting - 3 credits

CINE 309 Advanced Narrative Structure - 3 credits

CINE 310 Intermediate Directing - 3 credits

CINE 320 Intermediate Editing - 3 credits

CINE 340 Intermediate Cinematography - 3 credits

DIGI 325 Character Animation and Analysis I - 3 Credits

DIGI 330 Theory of Game Design - 3 credits

DIGI 340 Concept Art - 3 credits

DIGI 345 Comics and Storyboarding - 3 credits

DIGI 354 Project in Stop Motion - 3 credits

DIGI 395 Special Topics in Digital Arts - 3 credits

DIGI 399 Animation and VFX Practicum - 1-3 credits

DIGI 410 Advanced Visual Effects - 3 credits

DIGI 420 Advanced Computer Animation - 3 credits

DIGI 430 Advanced Animation: Motion Graphics and Character Animation - 3 credits

DIGI 450 Senior Thesis - 3 credits

DIGI 451 Senior Thesis Project, Part I - 3 credits

DIGI 452 Senior Thesis Project, Part II - 3 credits

DIGI 495 Special Topics in Digital Arts - 3 credits

DIGI 498 Internship - 3 credits

DIGI 499 Independent Study - 3 credits

General Electives

15 credits

Minimum credits for B.A. degree

120 credits

* For the Animation & Visual Effects major, grades of a “D” or “F” are not considered acceptable in the following courses: **DIGI 210 ,DIGI 310, DIGI 320, DIGI 250, and DIGI 356**. Students who earn a “D” or “F” in any of these courses will be required to retake the course and earn an acceptable grade before they are permitted to enroll in any new Digital Arts, Screenwriting or Cinema Arts courses.

Bachelor of Fine Arts Degree with a Major in Animation & Visual Effects

Program Objectives

- Demonstrate an understanding of aesthetic foundational principles of design, visual perception, time and motion, and apply them effectively in creative work.
- Demonstrate professional, technical and creative proficiency in the skills and craft of animation or visual effects.
- Articulate, demonstrate and contribute in a collaborative artistic environment.
- Analyze and think critically about animation and visual effects projects.
- Communicate story effectively through picture and sound
- Identify and communication (in oral and written form) significant events and innovators from cinema, animation, visual effects and aft history.
- Synthesize techniques and principles from a range of related arts disciplines.

Core Requirements

42 credits

Department Major Requirements

57 credits

ART 213 Introduction to Drawing - 3 credits

ART 320 Figure Drawing - 3 credits

CINE 105 Introduction to Screenwriting - 3 credits

DIGI 101 Design Fundamentals for Digital Media - 3 credits

DIGI 102 Digital Tools and Techniques - 3 credits

DIGI 201 Cinema Production for Animation and Visual Effects - 3 credits

DIGI 210 Fundamentals of Motion Graphics - 3 credits

DIGI 220 Fundamentals of Animation - 3 credits

DIGI 225 Sound for Animation and Visual Effects - 3 credits

DIGI 230 Classical Animation - 3 credits

DIGI 240 Introduction to 3D Animation - 3 credits

DIGI 245 Visual Development for Animation - 3 credits

DIGI 305 History of Animation - 3 credits

DIGI 310 Intermediate Visual Effects - 3 credits

DIGI 311 Intermediate Motion Graphics - 3 credits

DIGI 315 3D Character Animation - 3 credits

DIGI 325 Character Animation and Analysis I - 3 credits

DIGI 350 Community Animation Project - 3 credits

DIGI 425 Character Animation and Analysis II - 3 credits

DIGI 451 Senior Thesis Project Part I - 3 credits

Department Electives (choose a minimum of 2 courses) 6 credits

DIGI 330 Theory of Game Design - 3 credits

DIGI 340 Concept Art - 3 credits

DIGI 345 Comics and Storyboarding - 3 credits

DIGI 354 Project in Stop Motion - 3 credits

DIGI 395 Special Topics in Digital Arts - 3 credits

DIGI 399 Animation and VFX Practicum - 3 credits

DIGI 410 Advanced Visual Effects - 3 credits

DIGI 420 Advanced Computer Animation - 3 credits

DIGI 430 Advanced Animation: Motion Graphics and Character Animation - 3 credits

DIGI 495 Special Topics in Digital Arts - 3 credits

DIGI 498 Internship - 3 credits
DIGI 499 Independent Study - 3 credits

Arts/Discipline Electives (choose a minimum of 2 courses)

6 credits

ART 210 Introduction to Architecture - 3 credits
ART 212 Graphic Design - 3 credits
ART 313 Advanced Drawing - 3 credits
CINE 205 Narrative Structure of Cinema - 3 credits
CINE 210 Visual Structure of Cinema - 3 credits
CINE 301 Cinema Studies: Various Topics - 3 credits
CINE 301 Cinema Authors: Various Topics - 3 credits
CINE 305 Intermediate Screenwriting - 3 credits
CINE 309 Advanced Narrative Structure - 3 credits
CINE 368 Writing for TV Animation - 3 credits
CINE 300+ level course - 3 credits
ENGL 365 Creative Nonfiction Workshop - 3 credits
ENGL 366 Fiction Workshop - 3 credits
ENGL 367 Poetry Workshop - 3 credits
JOUR 206 Introduction to Advertising and PR - 3 credits
MUS 101 Music Appreciation - 3 credits
PHOT 204 Black and White Photography I - 3 credits
PHOT 205 Introduction to Digital Photography - 3 credits
PHOT 316 Advertising Photography - 3 credits
SAEM 101 Introduction to the Sports, Arts, and Entertainment (SAE) Business - 3 credits
SAEM 202 SAE Marketing and Promotion - 3 credits
THEA 111 Introduction to Acting I - 3 credits
THEA 112 Introduction to Acting II - 3 credits

General Electives

9 credits

Minimum credits for B.A. degree

126 credits

* For the Animation & Visual Effects major, grades of a “D” or “F” are not considered acceptable in the following courses: **DIGI 210, DIGI 310, DIGI 320, and DIGI 356**. Students who earn a “D” or “F” in any of these courses will be required to retake the course and earn an acceptable grade before they are permitted to enroll in any new Digital Arts, Screenwriting or Cinema Arts courses.

Bachelor of Arts Degree with a Major in Cinema and Media Studies

Bachelor of Arts Degree with a Major in Cinema and Media Studies

Program Objectives:

- Think analytically and critically about visual media from a technical, aesthetic, and narrative perspective.
- Demonstrate advanced knowledge and critical understanding of the skills and craft in a range of disciplines in cinema and media.
- Identify and communicate (in oral and written form) the characteristics and distinctions of historically significant cinematic works, artists, and theories.
- Utilize the basic skills and craft of media production to tell a story and communicate meaning.

Core Requirements 42 credits

Department Major Requirements 39-42 credits

CINE 101 Introduction to Cinema - 3 credits
CINE 102 History of American Cinema - 3 credits
CINE 105 Introduction to Screenwriting - 3 credits
CINE 110 History of International Cinema - 3 credits
CINE 150 Production I - 6 credits
CINE 205 Narrative Structure of Cinema - 3 credits
CINE 210 Visual Analysis - 3 credits
CINE 250 Production II - 6 credits
CINE 301 Cinema Studies - Various Topics - 3 credits
CINE 301 Cinema Studies - Various Topics - 3 credits
CINE 302 Cinema Authors - Various Topics - 3 credits
CINE 306 Story Analysis - 3 credits
CINE 401 Cinema Studies Thesis - 3 credits

Choose one course for an advanced production requirement:

Department Major Electives

(A minimum of 3 credits must be taken at the 400 level) 12-15 credits

CINE 305 Intermediate Screenwriting - 3 credits
CINE 310 Intermediate Directing - 3 credits
CINE 315 Intermediate Producing - 3 credits
CINE 320 Intermediate Editing - 3 credits
CINE 325 Intermediate Digital Tools - 3 credits
CINE 330 Intermediate Sound - 3 credits
CINE 340 Intermediate Cinematography - 3 credits
CINE 345 Fundamentals of Documentary - 3 credits
CINE 395 Special Topics - 3 credits
CINE 405 Advanced Screenwriting I - 3 credits
CINE 406 Advanced Screenwriting II - 3 credits
CINE 410 Advanced Directing - 3 credits
CINE 415 Advanced Producing - 3 credits
CINE 420 Advanced Editing - 3 credits
CINE 425 Advanced Digital Tools - 3 credits
CINE 430 Advanced Sound - 3 credits
CINE 440 Advanced Cinematography - 3 credits
CINE 445 Documentary Production Workshop - 3 credits
CINE 495 Special Topics - 3 credits
CINE 498 Internship - 3 credits
CINE 499 Independent Study - 3 credits

General Electives 24 credits

Minimum credits for B.A. degree 120 credits

*For the Cinema Production major, grades of a “D” or “F” are not considered acceptable in the following courses: CINE 101, CINE 150 and CINE 250. Students who earn a “D” or “F” in any of these courses will be required to retake the course and earn an acceptable grade before they are permitted to enroll in any new Cinema Arts courses.

Bachelor of Fine Arts Degree with a Major in Cinema Production

Program Objectives:

- Demonstrate the foundational skills and craft of a working professional in media production.
- Demonstrate professional proficiency in one of the disciplines of media production.
- Utilize the skills and craft of a working professional in media production to tell a story and communicate meaning.
- Articulate, demonstrate and contribute in a collaborative artistic environment.
- Demonstrate an understanding of the foundational techniques of a range of art forms related to cinema production.
- Think analytically and critically about visual media from a technical, aesthetic and a narrative perspective.
- Identify and communicate (in oral and written form) the characteristic and distinctions of historically significant cinematic works and artists.

Core Requirements

42 credits

Department Major Requirements

45 credits

CINE 101 Introduction to Cinema - 3 credits
CINE 102 History of American Cinema - 3 credits
CINE 105 Introduction to Screenwriting - 3 credits
CINE 110 History of International Cinema - 3 credits
CINE 150 Production I - 6 credits
CINE 205 Narrative Structure of Cinema - 3 credits
CINE 210 Visual Analysis - 3 credits
CINE 250 Production II - 6 credits
CINE 301 Cinema Studies - Various Topics OR
CINE 302 Cinema Authors - 3 credits
CINE 306 Story Analysis - 3 credits
CINE 350 Production III - 6 credits
CINE 452 Production IV - 3 credits

Department Major Electives

21 credits

(A minimum of six credits must be taken at the 400 level)

DIGI 100-300 Level Course - 3 credits
CINE 300+ Level in Screenwriting
CINE 305 Intermediate Screenwriting - 3 credits
CINE 310 Intermediate Directing - 3 credits
CINE 315 Intermediate Producing - 3 credits
CINE 320 Intermediate Editing - 3 credits
CINE 325 Intermediate Digital Tools - 3 credits
CINE 330 Intermediate Sound - 3 credits
CINE 340 Intermediate Cinematography - 3 credits
CINE 345 Fundamentals of Documentary - 3 credits
CINE 354 Alternative Forms Workshop: Various Topics - 3 credits
CINE 395 Special Topics - 3 credits
CINE 399 Cinema Arts Practicum - 1-3 credit
CINE 405 Advanced Screenwriting I - 3 credits
CINE 406 Advanced Screenwriting II - 3 credits

CINE 410 Advanced Directing - 3 credits
 CINE 415 Advanced Producing - 3 credits
 CINE 420 Advanced Editing - 3 credits
 CINE 425 Advanced Digital Tools - 3 credits
 CINE 430 Advanced Sound - 3 credits
 CINE 440 Advanced Cinematography - 3 credits
 CINE 445 Documentary Production Workshop - 3 credits
 CINE 495 Special Topics - 3 credits
 CINE 498 Internship - 3 credits
 CINE 499 Independent Study - 3 credits

Arts/Discipline Electives (choose a minimum of 3 courses)

9 credits

ART 210 Introduction to Architecture - 3 credits
 ART 213 Intro to Drawing - 3 credits
 ART 320 Figure Drawing - 3 credits
 DIGI 100-300 Level Course - 3 credits
 ENGL 365 Creative Nonfiction Workshop - 3 credits
 ENGL 366 Fiction Workshop - 3 credits
 ENGL 367 Poetry Workshop - 3 credits
 JOUR 206 Introduction to Advertising and PR - 3 credits
 MUS 101 Music Appreciation - 3 credits
 PHOT 204 Black and White Photography I - 3 credits
 PHOT 205 Introduction to Digital Photography - 3 credits
 PHOT 316 Advertising Photography - 3 credits
 SAEM 101 Introduction to the Sports, Arts, and Entertainment (SAE) Business - 3 credits
 SAEM 201 Event Management - 3 credit
 SAEM 202 SAE Marketing and Promotion - 3 credits
 SAEM 440 Essential Fundraising Principles - 3 credits
 THEA 111 Introduction to Acting I - 3 credits
 THEA 112 Introduction to Acting II - 3 credits

General Electives

12 credits

Minimum credits for B.A. degree

129 credits

* For the Cinema Production major, grades of a “D” or “F” are not considered acceptable in the following courses: **CINE 101, CINE 150, CINE 250 and CINE 350**. Students who earn a “D” or “F” in any of these courses will be required to retake the course and earn an acceptable grade before they are permitted to enroll in any new Cinema Arts department courses.

Students who earn a “D” or “F” in an **Intermediate Elective** will not be allowed to take the following Advanced Elective within that concentration and will be required to retake the course and earn an acceptable grade before they are permitted to enroll in the Advanced Elective for that concentration.

Bachelor of Arts Degree with a Major in Writing for the Screen and Professional Media

Program Objectives

- Foundation Skills - demonstrate the essential skills and craft of a professional screenwriter in a multitude of media production environments.

- Skills within Discipline - demonstrate advanced skills and craft in one or more of the following: writing for television dramas, situation comedies, feature films, documentary & non-fiction films, adaptations, shorts, and content for the internet.
- Collaboration - articulate, demonstrate, contribute and produce written work for the screen and stage in a collaborative artistic, workshop environment.
- Historical Context - identify and communicate (orally and in written form) the characteristics and distinctions of historically significant cinematic and stage works, including movements, filmmakers, playwrights and screenwriters.
- Critical and Analytical Thought - think analytically and critically about written and visual media from a technical, commercial and narrative perspective.

Core Requirements

42 credits

Department Major Requirements

66 credits

CINE 101 Introduction to Cinema - 3 credits

CINE 102 History of American Cinema - 3 credits

CINE 105 Introduction to Screenwriting - 3 credits

CINE 110 History of International Cinema - 3 credits

CINE 150 Production I - 6 credits

CINE 205 Narrative Structure of Cinema - 3 credits

CINE 208 Classical and Modern Drama - 3 credits

CINE 305 Intermediate Screenwriting - 3 credits

CINE 306 Story Analysis - 3 credits

CINE 362, 363, 368 OR 369- 3 credits

CINE 405 Advanced Screenwriting - 3 credits

CINE406 Advanced Screenwriting II - 3 credits

CINE 412 The Professional Writer's Life - 3 credits

CINE 416 Rewriting the Script - 3 credits

Choose four courses:

CINE 301 Cinema Studies - Various Topics - 3 credits

CINE 302 Cinema Authors - Various Topics - 3 credits

CINE 308 History of TV Entertainment - 1936-2000 - 3 credits

CINE 326 Acting and Directing for Writers and Filmmakers - 3 credits

CINE 362 Writing the Situation Comedy - 3 credits

CINE 363 Writing the Hour Drama - 3 credits

CINE 364 Writing for Multimedia - 3 credits

CINE 365 Writing the Adaptation - 3 credits

CINE 367 Writing for Video Games - 3 credits

CINE 368 Writing for Television Animation - 3 credits

CINE 369 Writing the Web Series - 3 credits

CINE 395 Special Topics - 3 credits

CINE 399 Cinema Practicum I-3 credits

CINE 495 Special Topics - 3 credits

CINE 498 Internship - 3 credits

CINE 499 Independent Study - 3 credits

Professional Media Writing Requirements

Choose four courses (must include BMGT 221)
 BMGT 221 Business Communication and Research - 3 credits
 JOUR 150 Journalistic Writing and Editing - 3 credits
 JOUR 151 Broadcast Writing and Editing - 3 credits
 JOUR 220 Writing for the Multimedia and Web - 3 credits
 JOUR 255 Public Relations Writing - 3 credits
 JOUR 306 Social Media Practices - 3 credits
 JOUR 321 Public Relations Writing - 3 credits
 JOUR 341 Broadcast Copywriting - 3 credits

General Electives **12 credits**
Minimum credits for B.A. degree **120 credits**

* For the Writing for the Screen and Media major, grades of a “D” or “F” are not considered acceptable in the following courses: **CINE 105, CINE 205, CINE 305, and CINE 405**. Students who earn a “D” or “F” in any of these courses will be required to retake the course and earn an acceptable grade before they are permitted to enroll in any new Cinema Arts department courses.

Bachelor of Fine Arts Degree with a Major in Screenwriting

Program Objectives

- Demonstrate the advanced skills and craft of a professional screenwriter in a multitude of media production environments.
- Demonstrate professional skills in three or more of the following: writing for television drama, situation comedies, feature films, documentary & non-fiction films, adaptations, shorts, and content for the internet, etc.
- Articulate, demonstrate, contribute and produce written work for the screen and stage in a collaborative artistic, workshop environment.
- Identify and communicate (orally and in written form) the characteristics and distinctions of historically significant cinematic and stage works, including movements, filmmakers, playwrights and screenwriters.
- Think analytically and critically about written and visual media from a technical, commercial and narrative perspective.
- Create and present a professional level collection of work that is recognized by a panel of faculty and industry professionals.

Core Requirements **42 credits**

Department Major Requirements **75 credits**

CINE 101 Introduction to Cinema - 3 credits
 CINE 102 History of American Cinema - 3 credits
 CINE 105 Introduction to Screenwriting - 3 credits
 CINE 110 History of International Cinema - 3 credits
 CINE 150 Production I - 6 credits
 CINE 205 Narrative Structure of Cinema - 3 credits
 CINE 208 Classical and Modern Drama - 3 credits
 CINE 305 Intermediate Screenwriting - 3 credits

CINE 306 Story Analysis - 3 credits
 CINE 326 Acting and Directing for Writers and Filmmakers - 3 credits
 CINE 362, CINE 363, or CINE 368 - 3 credits
 CINE 405 Advanced Screenwriting I - 3 credits
 CINE406 Advanced Screenwriting II - 3 credits
 CINE 416 Rewriting the Script - 3 credits
 CINE 453 Senior Thesis I - 3 credits
 CINE 454 Senior Thesis II - 3 credits

Choose seven courses:

CINE 301 Cinema Studies - Various Topics - 3 credits
 CINE 302 Cinema Authors - Various Topics - 3 credits
 CINE 308 History of TV Entertainment - 1936-2000 - 3 credits
 CINE 309 Advanced Narrative Structure - 3 credits
 CINE 350 Production III: Screen writing - 3 credits
 CINE 361 Writing for Theatre - 3 credits
 CINE 362 Writing the Situation Comedy - 3 credits
 CINE 363 Writing the Hour Drama - 3 credits
 CINE 364 Writing for Multimedia - 3 credits
 CINE 365 Writing the Adaptation - 3 credits
 CINE 367 Writing for Video Games - 3 credits
 CINE 368 Writing for Television Animation - 3 credits
 CINE 395 Special Topics - 3 credits
 CINE 399 - Cinema Practicum - 1-3 credits
 CINE 495 Special Topics - 3 credits
 CINE 498 Internship - 3 credits
 CINE 499- Independent Study - 3 credits

General Electives

9 credits

Minimum credits for B.F.A. degree

126 credits

* For the Screenwriting major, grades of a “D” or “F” are not considered acceptable in the following courses: **CINE 105, CINE 205, CINE 305, CINE 405, CINE 406, CINE 416, CINE 453 and CINE 454.** Students who earn a “D” or “F” in any of these courses will be required to retake the course and earn an acceptable grade before they are permitted to enroll in any new Cinema Arts department courses.

Fine Arts

The Conservatory of Performing Arts offers a selection of courses in the Fine Arts beginning with an introduction to visual arts and continuing with the historical study of Western Art from ancient times through the modern period. Opportunities for the study of Graphic Design, Drawing and other special topics are available. These courses serve not only those students majoring in the arts, but also those interested in aesthetics, style, materials, media and especially art as a reflection of the times.

Music

The Conservatory of Performing Arts offers a selection of courses in applied and theoretical music. These courses help performing arts majors learn the practical music skills often required in their professional careers

and provide the entire college community with a broader choice of humanities electives. Students who elect to take private voice or piano for credit must arrange for a preliminary interview and/or audition.

Those students particularly interested in the study of music should fulfill the prerequisites and complete the 18-credit minor in Music.

Theatre Arts

Professors: Zeva Barzell-Canali, MFA Richard Keitel, M.F.A.; John Shepard, M.F.A; Robin Walsh, MFA.

Associate Professors: Aaron Bollinger (Chair), M.F.A.; Rochelle Klein, M.M.; Timothy Marquette, MA; Stephanie Mayer-Staley, M.F.A.; Sheila McKenna, M.F.A.; Philip Winters, M.F.A.

Assistant Professors: Tracey Brent- Chessum, Ph.D.; John McManus, B.A.; Samuel Muñoz, M.F.A.

Master Teaching Artists: Jane Howell, M.M.

Teaching Artists: Sandra Greciano, B.F.A.

The University confers either the Bachelor of Arts or the Bachelor of Fine Arts degree upon graduates of the Theatre program. All students who apply for entrance into a Theatre program are required to audition or interview, and those accepted take a prescribed curriculum during their first few years.

During the entire period students are pursuing a Theatre degree at Point Park University, they are evaluated continually as potential theatre professionals. Should a student fail to respond fully to the program, the faculty reserves the right to make one or more of the following recommendations: (a) change in theatre degree (b) placement on departmental academic probation, or (c) transfer to a new academic major.

* All sequential courses must be taken in order with strict adherence to prerequisites observed.

Outside Employment/Casting Policies

During their first year, students will fulfill their production requirement (performance: THEA 140, 141; production: PROD 100, 101) by working at the Pittsburgh Playhouse of Point Park University in order to learn the operations of the theatre and to provide crew support for all productions. Freshmen must be available for crew during all production class times throughout the term.

All students may seek outside employment/casting opportunities when such opportunities do not conflict with classes, departmental rehearsals, performances or production class requirements. All outside employment must be approved by the Department Chair. Exceptions may be granted for extraordinary circumstances. A student seeking an exception must follow procedures as described in the Outside Employment policies in the theatre student handbook prior to making any commitments, and secure permission from the Department Chair.

Departmental Casting Policies

In order to be cast in a Conservatory Theatre Company show, the following courses must be successfully completed:

Acting: THEA 101, 102, 104, 105, 113 OR

BOTH MUS 111 *AND* MUS 112; THEA 114, 115, 140 and 141

Musical Theatre: THEA 101, 102 104, 105, 122, 123, 134, 135, 136, 137, 140, 141; DANC 121, 122; MUS 111 and 112.

* Exceptions will be determined on a case-by-case basis by the Department Chair in consultation with theatre faculty.

Please note:

- First Year Students are not eligible for casting in the academic year, either in the program, or through outside employment and university clubs.
- Students on departmental probation are ineligible for casting.
- All Production classes must be taken in numerical sequence.
- The theatre program conducts auditions at a professional level. As in the profession, an audition does not guarantee a role.
- Students receiving scholarships must audition for all Conservatory Theatre Company productions, and accept offered roles.

Bachelor of Fine Arts in Theatre Arts

The Bachelor of Fine Arts in Theatre Arts cultivates the multiple talents and interests of creative students seeking to self-design a program that immerses them in theatre making, with opportunities for collaborations with other Conservatory arts programs. In the tradition of liberal arts education, this program allows flexibility and autonomy to study, experience, and integrate a variety of theatrical disciplines and related fields. After two years of study in performance techniques, students may choose from various areas of emphasis within the Conservatory of Performing Arts to continue course of study: Directing, Playwriting, Design, Technical Production, and Stage Management. Additionally, students have options to pursue a minor, double major, study abroad and/or complete the degree in three years.

Program Objectives

Upon completion of this program, a student will be able to:

- Demonstrate competence in performance, playwriting, directing, or production.
- Recognize the range of opportunities for careers in theatre and related areas; develop a personal career plan that promotes independent artistic and intellectual development.
- Place theatre in historical, cultural, and stylistic contexts through written and oral analysis of theatrical works.
- Effectively communicate complex theatrical ideas, concepts, and requirements to professionals and laypersons; demonstrate teamwork in theatre production.
- Demonstrate competence in an area other than performance, including major related fields like directing, playwriting, business, or media and technology for the performing arts (through a progressive sequence of related courses) or in another discipline (through a minor or double major).

Core Requirements

42 credits

Required Courses in the Thematic Core for Theatre Majors

THEA 225 History of Theatre I - Explore the World
THEA 226 History of Theatre II - Explore the World
THEA 470 - Senior Capstone

Department Major Requirements

57 credits

THEA 101 Acting Level I - 2 credits
THEA 102 Acting Level II - 2 credits
THEA 104 Voice and Speech I (Semester I) - 2 credits
THEA 105 Voice and Speech I - 2 credits
THEA 109 Elements of Stagecraft I - 2 credits
THEA 114 Stage Movement I - 2 credits
THEA 115 Stage Movement II - 2 credits
THEA 118 Stage Make-up - 1 credit
THEA 119 Ensemble Lab I - 2 credit
THEA 140 Production I - 2 credits
THEA 141 Production II - 2 credits
THEA 210 Directing I- 3 credits
THEA 211 Directing II- 3 credits
THEA 218 Ensemble Lab II- 2 credits
THEA 219 Ensemble Lab III- 2 credits
THEA 250 Script Analysis - 2 credits
THEA 260 Devised Performance I- 3 credits
THEA 261 Devised Performance II- 3 credits
THEA 270 Improvisation- 2 credits
THEA 280 Playwriting I - 3 credits
THEA 290 Contemporary Drama -3 credits
THEA 292 Intro to Performance Studies- 3 credits
THEA 303 Shakespeare: Page to Stage- 3 credits
THEA 318 Ensemble Lab IV - 2 credits
THEA 319 Ensemble Lab V- 2 credits
THEA 374 Experimental Theatre I- 3 credits
THEA 403 Professional Seminar- 3 credits

Self-Directed (26 credits)

Recommended Concentrations below or see listing for Minors :

Playwriting (17 credits)

THEA 250 Text Analysis- 2 credits
THEA 280 Playwriting I - 3 credits
THEA Playwriting Elective- 3 credits
THEA 290 Contemporary Drama: Plays & Playwrights- 3 credits
CINE 170 Intro to Screenwriting- 3 credits
ENGL 365 Creative Nonfiction Workshop I- 3 credits

Directing (15 credits)

THEA 106 Introduction to Stage Management - 3 credits
THEA 210 Directing I- 3 credits

THEA 211 Directing II - 3 credits
THEA 307 Directing III - 3 credits
THEA 308 Directing IV - 3 credits

Minimum credits for B.A. degree

125 credits

Bachelor of Fine Arts Degree with a Major in Acting

The Bachelor of Fine Arts in Acting immerses you in both a program and a city endowed with a rich, vibrant theatre culture. Distinguished, artistically active faculty provide you with an eight semester rigorous training program designed to prepare you for a career in the professional theatre.

Technique courses in Acting, Voice, Speech and Movement are complemented by courses including theatre history, improvisation, text analysis, singing and professional preparation, with possible electives such as acting for the camera, directing and playwriting.

Students experience a steady synthesis of training and practice in our production program through our Conservatory Theatre Company, our student run theatre company and in student films with our Cinema department.

Through collaboration with visiting artists in the classroom and production, and a senior showcase in New York, we provide opportunities to ensure a strong foundation for your professional career in acting.

From inception to graduation, the BFA acting program emphasizes your unique talents and teaches you how to cultivate and apply techniques that best develop you as a person and actor.

Program Objectives: Upon completion of this program, a student will be able to:

- Demonstrate proficiency, flexibility and range as an actor. (effectively analyzing plays and characters, putting oneself imaginatively into the circumstances, being believable within the style, playing actions, talking and listening and taking creative risks.)
- Fully utilize vocal and physical skills as means of clear, creative and effective expression.
- Understand and be conversant with theatre history, styles and significant theatrical works and artists, applying relevant knowledge to the structure of a role.
- Demonstrate the ability to work collaboratively to create a performance (including knowledge of the appropriate chain of command, professional expectations, rehearsal skills, spatial awareness and safety.)
- Develop and implement a beginning career plan that demonstrates comprehension of the business aspects of a career in acting and utilizes effective tools to showcase skills.

Core Requirements

42 credits

Required Courses in the Thematic Core for Theatre Majors

THEA 225 History of Theatre I - Explore the World
THEA 226 History of Theatre II - Explore the World
THEA 400 Senior Showcase - Capstone

Department Major Requirements

82 credits

THEA 101 Acting Level I -2 credits
THEA 102 Acting Level II -2 credits
THEA 104 Voice & Speech I -2 credits
THEA 105 Voice & Speech II -2 credits

THEA 109 Elements of Stagecraft I -2 credits
 THEA 113 Singing for Actors -2 credits
 THEA 114 Stage Movement I -2 credits
 THEA 115 Stage Movement II -2 credits
 THEA 118 Stage Makeup -1 credit
 THEA 140 Production I -2 credits
 THEA 141 Production II -2 credits
 THEA 205 Acting III -2 credits
 THEA 206 Acting IV -2 credits
 THEA 207 Stage Movement III -2 credits
 THEA 208 Stage Movement IV -2 credits
 THEA 213 Voice & Speech III -2 credits
 THEA 214 Voice & Speech IV -2 credits
 THEA 223 Studio I -2 credits
 THEA 224 Studio II -2 credits
 THEA 250 Script Analysis -2 credits
 THEA 270 Improvisation for the Actor -2 credits
 THEA 301 Acting V -2 credits
 THEA 302 Acting VI -2 credits
 THEA 304 Voice & Speech V -2 credits
 THEA 305 Voice & Speech VI -2 credits
 THEA 309 Acting for the Camera -3 credits
 THEA 311 Stage Movement V -2 credits
 THEA 312 Stage Movement VI -2 credits
 THEA 323 Studio III -2 credits
 THEA 324 Studio IV -2 credits
 THEA 325 Modern Drama I -3 credits
 THEA 326 Modern Drama II -3 credits
 THEA 403 Professional Seminar - 3 credits
 THEA 411 Stage Movement VII -2 credits
 THEA 412 Stage Movement VIII -2 credits
 THEA 413 Voice & Speech VII -2 credits
 THEA 414 Voice & Speech VIII -2 credits
 THEA 415 Acting VII -2 credits
 THEA 416 Acting VIII -2 credits

General Electives

5 credits

Minimum credits for B.F.A degree in Acting

129 credits

Bachelor of Fine Arts Degree with a Major in Musical Theatre

Program Objectives:

Upon completion of this program, a student will be able to:

- Demonstrate a professional competency as an actor-singer with requisite technical skills including acting, voice production, and dance and exhibit the ability to perform various styles with continued growth and artistry.

- Display competence and knowledge of the musical theatre repertoire as well as significant development in vocal technique and vocal performance with the achievement of basic musical skills including sight-singing, musicianship, music theory and piano.
- Identify the business aspects and possibilities of the theatrical performer and develop the repertoire and techniques for auditions; launch a personal career plan to showcase skills and competencies.
- Establish a fundamental understanding of world theatre history and an awareness of theatre in historical, cultural, and stylistic context and achieve the ability to analyze text, lyrics, and music and apply this knowledge in theory and practice.
- Display comprehension and interpersonal skills sufficient to work in both collaborative and individual roles in matters of theatrical interpretation with a conceptual understanding of the collaborative processes of text and performance.

Core Requirements

42 credits

Required Courses in the Thematic Core for Theatre Majors

THEA 225 History of Theatre I - Explore the World
 THEA 226 History of Theatre II - Explore the World
 THEA 400 Senior Showcase - Capstone

Musical Theatre

69 credits

MUS 111 Private Voice I - 1 credit
 MUS 112 Private Voice II - 1 credit
 MUS 123 Music Theory/Piano/Sightsinging Part I - 2 credits
 MUS 124 Music Theory/Piano/Sightsinging Part II - 2 credits
 MUS 211 Private Voice III - 1 credit
 MUS 212 Private Voice IV - 1 credit
 MUS 311 Private Voice V - 1 credit
 MUS 312 Private Voice VI - 1 credit
 MUS 411 Private Voice VII - 1 credit
 MUS 412 Private Voice VIII - 1 credit
 THEA 101 Acting Level I -2 credits
 THEA 102 Acting Level II -2 credits
 THEA 104 Voice & Speech I -2 credits
 THEA 105 Voice & Speech II -2 credits
 THEA 109 Stagecraft -2 credits
 THEA 118 Stage Makeup -1 credit
 THEA 137 Foundations of Musical Theatre - 1 credit
 THEA 138 Musical Theatre History - 2 credit
 THEA 140 Production I -2 credits
 THEA 141 Production II -2 credits
 THEA 205 Acting III -2 credits
 THEA 206 Acting IV -2 credits
 THEA 213 Voice & Speech III -2 credits
 THEA 214 Voice & Speech IV -2 credits
 THEA 223 Ensemble Singing: Applied Musicianship I -2 credits
 THEA 224 Ensemble Singing: Applied Musicianship II -2 credits
 THEA 237 Musical Theatre Techniques I - 2 credits
 THEA 238 Musical Theatre Techniques II - 2 credits

THEA 301 Acting V -2 credits
 THEA 304 Voice & Speech V -2 credits
 THEA 321 Repertoire - 2 credits
 THEA 322 Junior Musical Theatre Lab - 4 credits
 THEA 337 Musical Theatre Techniques III - 2 credits
 THEA 338 Musical Theatre Techniques IV - 2 credits
 THEA 403 Professional Seminar - 3 credits
 THEA 409 Advanced Topics in Musical Theatre - 2 credits
 THEA 437 and 438 Musical Theatre Techniques V and VI - 4 credits

Dance Technique Requirements

14 credits

DANC 105 Tap Dance I - 1 credit
 BAL 111 Ballet I - 3 credits
 BAL 121 Ballet II - 3 credits
 BAL, DANC, JAZ, MOD electives

General Electives

6 credits

Minimum credits for B.F.A degree in Musical Theatre

131 credits

Bachelor of Fine Arts Degree with a Major in Theatre Production*

The Bachelor of Fine Arts in Theatre Production provides you a breadth of understanding, encourages independent thought, and offers high quality of practice in a demanding environment to advance professional competence in Stage Management, Technical Theatre and Design. Housed within the Conservatory of Performing Arts, our program is a powerhouse of creativity and opportunity that enables you to gain practical experience beginning your first semester and to build a first-rate portfolio. 15+ productions in multiple venues are supported by faculty, staff, master teachers and directors who are all professional artists, technicians and stage managers.

Program Objectives:

Upon completion of this program, a student will be able to:

- Demonstrate the foundational skills of a well-rounded working professional in Theatre Production, with specific and advanced skill and craft in one discipline of Theatre Production.
- Comprehend business aspects of Theatre; develop a personal career plan and the tools to showcase skills and competencies.
- Competently discuss world theatre history, styles, and significant theatrical works and artists as a whole, evaluating the role of Theatre Production therein
- Contribute to a collaborative artistic environment through articulate and clear oral and written communication skills.
- Enlist and create innovative systems to support and promote artistic vision of Theatre, and as means to complement Theatre traditions and practices.

Core Requirements

42 credits

Required Courses in the Thematic Core for Theatre Majors

THEA 225 History of Theatre I - Explore the World

THEA 226 History of Theatre II - Explore the World

Department Major Requirements

62 credits

PROD 100 Technical Practicum I -2 credits`
PROD 101 Technical Practicum II -2 credits
PROD 113 Stage Operations -2 credits
PROD 124 Design Fundamentals & Drawing -3 credits
PROD 126 Costume Construction -2 credits
PROD 132 Stage Management I -3 credits
PROD 140 Theatre Safety -2 credits
PROD 142 Drafting and CAD -3 credits
PROD 145 Script Analysis -2 credits
PROD 200 Technical Practicum III -2 credits
PROD 201 Technical Practicum IV -2 credits
PROD 213 Carpentry for the Theatre -2 credits
PROD 224 Scene Painting -2 credits
PROD 226 Scene Design I -3 credits
PROD 227 Lighting Design I -3 credits
PROD 228 Costume Design I -3 credits
PROD 229 Audio Design -2 credits
PROD 243 The Acting/Directing Process -3 credits
PROD 245 Properties I -2 credits
PROD 300 Technical Practicum V -2 credits
PROD 301 Technical Practicum VI -2 credits
PROD 326 Scene Design II -3 credits
PROD 327 Lighting Design II -3 credits
PROD 328 Costume Design II -3 credits
PROD 343 Electricity of the Theatre -2 credits
PROD 400 Senior Project I -2 credits

Technical Design and Management

25 credits

PROD 212 Computer Applications for Managers -3 credits
PROD 313 Technical Design -2 credits
PROD 440 Production Management -3 credits
PROD 450 Professional Preparation for Design Tech -3 credits

Choose one courses from the following:

PROD 346 Theatre Architecture and Décor - 3 credits
PROD 348 Costume History - 3 credits

Choose two courses from the following:

PROD 333 Adv. Stage Management & AEA - 3 credits
PROD 413 Technical Management -3 credits
PROD 426 Scene Design III -3 credits
PROD 427 Lighting Design III -3 credits
PROD 428 Costume Design III -3 credits

Choose three courses from the following:

PROD 361 Advanced CAD -2 credits
PROD 362 Metalworking -2 credits
PROD 363 Automation -2 credits
PROD 371 Advanced Costume Construction -2 credits
PROD 373 Costume Crafts -2 credits
PROD 382 Properties II -2 credits
PROD 391 Audio Engineering -2 credits
PROD 392 Video Production -2 credits
PROD 393 Vectorworks -2 credits

**Minimum credits for B.F.A degree in Theatre Production
Technical Design and Management**

129 credits

Design

27 credits

PROD 222 Computer Applications for Designers -3 credits
PROD 313 Technical Design -2 credits
PROD 346 Theatre Architecture and Décor - 3 credits
PROD 348 Costume History - 3 credits
PROD 450 Professional Preparation for Design Tech -3 credits

Choose two courses from the following:

PROD 413 Technical Management -3 credits
PROD 426 Scene Design III -3 credits
PROD 427 Lighting Design III -3 credits
PROD 428 Costume Design III -3 credits

Choose one course from the following:

PROD 363 Automation -2 credits
PROD 373 Costume Crafts -2 credits
PROD 393 Vectorworks -2 credits

Choose one course from the following:

PROD 362 Metalworking -2 credits
PROD 372 Makeup for Production -2 credits
PROD 382 Properties II -2 credits
PROD 392 Video Production -2 credits

Choose two courses from the following:

PROD 323 Advanced Drawing -2 credits
PROD 361 Advanced CAD -2 credits
PROD 371 Advance Costume Construction -2 credits
PROD 391 Audio Engineering -2 credits

Minimum credits for B.F.A degree in Theatre Production

Design

131 credits

Stage Management

20 credits

PROD 212 Computer Applications for Managers -3 credits
PROD 333 Advanced Stage Management & AEA Contract -3 credits
PROD 382 Properties II -2 credits
PROD 383 Stage Movement for Stage Managers -2 credits
PROD 440 Production Management -3 credits
PROD 451 Professional Preparation for Stage Managers -3 credits

Choose one course from the following:

PROD 346 Theatre Architecture and Décor - 3 credits
PROD 348 Costume History - 3 credits

Choose one course from the following:

PROD 363 Automation -2 credits
PROD 372 Makeup for Production -2 credits
PROD 381 Reading Music -2 credits
PROD 391 Audio Engineering -2 credits
PROD 392 Video Production -2 credits

**Minimum credits for B.F.A degree in Theatre Production
with Concentration in Stage Management**

124 credits

Minors in Conservatory of Performing Arts

Cinema Studies Minor (18 credits)

Prerequisites: Minor is open to students from all departments, EXCEPT Cinema & Digital Arts

Required Courses (9)

CINE 101 Introduction to Cinema Techniques - 3 credits
CINE 102 History of American Cinema - 3 credits
CINE 110 History of International Cinema - 3 credits

Electives (9)

CINE 301 Cinema Studies* - 3 credits
(This course covers various topics, which can include: Five International Masters, Five American Masters, Cinema of the 1970's, Cinema of the 1990's, French New Wave, The Comedy, Shakespeare on Film, and additional courses)

CINE 302 Cinema Authors* - 3 credits
(This course covers various filmmakers, which can include: The Coen Brothers, Martin Scorsese, Woody Allen, Stanley Kubrick, Steven Spielberg, and additional courses)

CINE 395 or 495 Special Topics - 3 credits
(Upon instructor approval)

CINE 499 Independent Study - 3 credits
(Upon instructor approval)

Other Requirements

- A grade of 'C' (2.0) or better is required in all courses used to satisfy the minor
- At least 12 hours must be earned at Point Park University within the department
- No credit by exam may be given
- Internship credit cannot be used toward the minor

* Students cannot choose more than two courses of either CINE 301 or CINE 302

Dance Minor (23 credits)

Prerequisites: (12 credits)

Artistic Audition and

DANC 111 Jazz Dance I - 3 credits

DANC 118 Jazz Dance II - 3 credits

DANC 121 Classical Ballet I - 3 credits

DANC 122 Classical Ballet II - 3 credits

Two courses from: (2)

DANC 105 Tap Dance I - 1 credit

DANC 106 Cultural Dance Forms - 1 credit

DANC 107 Character Dance I - 1 credit

DANC 108 Dunham Technique I - 1 credit

One to three courses from: (3)

DANC 115 Music Fundamentals for Dancers - 2 credits

DANC 116 Pas de Deux I - 1 credit

DANC 150 Body Alignment - 1 credit

DANC 236 Contemporary Partnering I - 1 credit

DANC 280 Dance Composition I - 2 credits

DANC 323 History of Dance I - 3 credits

Choose one emphasis from: (6)

Ballet

DANC 221 Classical Ballet III - 3 credits

DANC 222 Classical Ballet IV - 3 credits

Modern

DANC 119 Modern Dance II - 3 credits

DANC 218 Modern Dance IV - 3 credits

Jazz

DANC 112 Jazz Dance II - 3 credits

DANC 211 Jazz Dance III - 3 credits

Applied Music Minor (18 credits)

Prerequisites: Audition and exam by arrangement with Coordinator of Music Education.

Required

MUS 101 Music Appreciation - 3 credits

MUS 206 Music Theory - 3 credits

MUS 113 Private Piano I - 1 credit (Pre: MUS 106, DANC 115, or audition)
MUS 114 Private Piano II - 1 credit (Pre: MUS 113)
MUS 201 Point Park University Singers - 3 credits (1 credit each course x 3 semesters) OR
MUS 201 Point Park University Singers - 1 credit AND
MUS 223 Ensemble Singing - 2 credits
MUS 220 Musicianship - 2 credits (Pre: audition)

Two credits vocal study per placement:

MUS 203 Voice Class I - 2 credits OR
MUS 204 Voice Class II - 2 credits (Pre: MUS 203 or permission) OR
MUS 111 Private Voice I - 1 credit (Pre: MUS 204 or audition) AND
MUS 112 Private Voice II - 1 credit (Pre: MUS 111)

Three additional credits in applied music by selecting either Voice or Piano:

Voice Option: (3 credits from the following, per placement)

MUS 204 Voice Class II - 2 credits (Pre: MUS 203 or permission)
MUS 111 Private Voice I - 1 credit (Pre: MUS 204 or audition)
MUS 112 Private Voice II - 1 credit (Pre: MUS 111)
MUS 211 Private Voice III - 1 credit (Pre: MUS 112)
MUS 212 Private Voice IV - 1 credit (Pre: MUS 211)
MUS 311 Private Voice V - 1 credit (Pre: MUS 212)

Piano Option: (need all three courses)

MUS 213 Private Piano III - 1 credit (Pre: MUS 114)
MUS 214 Private Piano IV - 1 credit (Pre: MUS 213)
MUS 313 Private Piano V - 1 credit (Pre: MUS 214)

Musical Theatre Minor for Actors (18 credits)

Prerequisites: Audition, Sophomore Standing and THEA 101,102, 104, 105, and 113

Required

BAL 111 Classical Ballet I - 3 credits
BAL 121 Classical Ballet II - 3 credits
JAZ 111 Jazz Dance I - 1 credit
JAZ 121 Jazz Dance II - 1 credit
MUS 111 Private Voice I - 1 credit
MUS 112 Private Voice II - 1 credit
MUS 123 Music Theory/Piano/Sightsinging Part I - 2 credit
MUS 124 Music Theory/Piano/Sightsinging Part II - 2 credit
THEA 200 Principles of Acting for Musical Theatre I - 2 credit
THEA 201 Principles of Acting for Musical Theatre II - 2 credit

Musical Theatre Minor for Dancers (26 credits)

Prerequisite: Audition, First Year Standing (second semester) and DANC 121, DANC 122, DANC 111, MUS 203 Voice Class – 3 credits

Required

JAZ 111 Jazz Dance I – 3 credits
JAZ 121 Jazz Dance II – 3 credits
BAL 111 Classical Ballet I - 3 credits
BAL 121 Classical Ballet II - 3 credits
MUS 111 Private Voice I - 1 credit
MUS 112 Private Voice II - 1 credit
MUS 123 Music Theory/Piano/Sightsinging Part I – 2 credits
MUS 124 Music Theory/Piano/Sightsinging Part II – 2 credits
THEA 200 Musical Theatre Techniques I – 2 credits
THEA 201 Principals of Acting for Musical Theatre II – 2 credits
THEA 111 Introduction to Acting I – 2 credits
THEA 112 Introduction to Acting II – 2 credits

Screenwriting Minor (18 credits)

CINE 105 Introduction to Screenwriting - 3 credits
CINE 205 Narrative Structure - 3 credits
CINE 305 Intermediate Screenwriting - 3 credits

Choose three from:

CINE 306 Story Analysis - 3 credits
CINE 308 History of TV Entertainment - 1936-2000 - 3 credits
CINE 326 Acting and Directing for Writers and Filmmakers - 3 credits
CINE 361 Writing for Theatre - 3 credits
CINE 362 Writing for Situational Comedy - 3 credits
CINE 363 Writing for One Hour Drama - 3 credits
CINE 364 Writing for Multimedia - 3 credits
CINE 365 Writing for Adaptation - 3 credits
CINE 367 Writing for Video Games - 3 credits
CINE 368 Writing for TV Animation - 3 credits
CINE 405 Advanced Screenwriting I - 3 credits
CINE 406 Advanced Screenwriting II - 3 credits
CINE395 or 495 Special Topics (upon instructor approval) - 3 credits
CINE 499 Independent Study (upon instructor approval) - 3 credits

Other Requirements

- A grade of 'C' (2.0) or better is required in all courses used to satisfy the minor
- At least 12 hours must be earned at Point Park University within the department
- No credit by exam may be given
- Internship credit cannot be used toward the minor

Stage Management Minor (24 credits)

Prerequisites: Interview with the Coordinator of Theatre Production

PROD 100-101 Two Practicum Courses as (ASM or SM) - 4 credits
PROD 113 Stage Operations - 2 credits
PROD 124 Fundamentals of Design and Drawing- 3 credits
PROD 132 Stage Management I- 3 credits
PROD 142 Drafting and CAD - 3 credits
PROD 227 Lighting I - 3 credits
PROD 333 Advanced Stage Management & AEA Contract- 3 credits

Choose one from:

THEA 101 Introduction to Costume Design - 3 credits
PROD 243 The Acting/Directing Process -3 credits

Technical Theatre/Design Minor (20-24 credits)

PROD 100 Technical Practicum I - 2 credits
PROD 101 Technical Practicum II - 2 credits
PROD 113 Stage Operations - 2 credits
PROD 124 Fundamentals of Design and Drawing- 3 credits
PROD 132 Stage Management I- 3 credits

Choose two from:

PROD 142 Drafting and CAD - 3 credits
PROD 224 Scene Painting -2 credits
PROD 226 Scene Design I - 3 credits
PROD 227 Lighting I - 3 credits
PROD 228 Costume Design I - 3 credits
PROD 229 Audio Design -2 credits
PROD 245 Properties I -2 credits

Choose one from:

PROD 313 Technical Design -2 credits
PROD 326 Scene Design II -3 credits
PROD 327 Lighting Design II -3 credits
PROD 328 Costume Design II -3 credits

Choose one from:

PROD 126 Costume Construction -2 credits
PROD 213 Carpentry for the Theatre -2 credits
PROD 343 Electricity of the Theatre -2 credits
PROD 440 Production Management -3 credits

Graduate Studies

The Department of Cinema Arts offers a graduate degree in a Master of Fine Arts in Writing for the Screen and Stage. For a graduate catalog or information, visit the website or please call [Graduate and Adult Enrollment Office](#) at (412) 392-3808.

School of Arts and Sciences

Point Park University's School of Arts and Sciences is comprised of five academic departments: Humanities and Social Sciences (HSS), Literary Arts (ENGL), Natural Sciences , Engineering and Technology (NSET), and Criminal Justice & Intelligence Studies (CJIS).

Department of Humanities and Social Sciences

- B.A. - Global Cultural Studies
- B.A. - History
- B.A. /B.S. - Interdisciplinary Designed Major
- B.A. - Legal Studies
- B.A. /B.S. - Liberal Studies with an Elected Area of Concentration
- B.A. /B.S. - Liberal Studies - Capstone
- Post-Baccalaureate B.A. /B.S. - Liberal Studies
- B.A. - Political Science

Department of Psychology

- B.A. - Behavioral Sciences
- B.A. - Psychology
- B.A/ M. A. -Psychology

Department of Literary Arts

- B.A. - English
- B.A. -Creative Writing
- B.A. - Social Justice Studies

Department of Natural Sciences, Engineering and Technology

- B.S. - Biological Sciences

B.S. - Civil Engineering Technology
B.S. - Electrical Engineering
B.S. - Electrical Engineering Technology
B.S. - Mechanical Engineering
B.S. - Mechanical Engineering Technology
B.S./M.S. - Engineering Management (4+1 Program)
B.S. - Specialized Professional Studies: Funeral Service
B.S. - Specialized Professional Studies: Funeral Service - Capstone

Department of Criminal Justice and Intelligence Studies

B.S. - Criminal Justice
B.S./M.S. - Criminal Justice (5-Year program)
B.S. - Intelligence and National Security
Post-Baccalaureate B.S. - Intelligence and National Security
Certificate Program in Intelligence and National Security
B.S. - Forensic Science

The Department of Humanities and Social Sciences

Professors: Amy Kim Bell, M.A.; Robert Fessler, Ph.D.; Nathan Firestone, J.D.; Bahman Homayoonfar, M.A.; Edward Meena, M.Ed., M.A.; Channa Newman, Ph.D. (chair)
Associate Professors: J. Dwight Hines, Ph.D.; Robert Ross, Ph.D.;
Assistant Professors: Jehnie Burns, Ph.D.

The Department of Humanities and Social Sciences casts a wide net: students interested in writing, politics, law, or history are drawn together to share, learn and inspire each other. These programs appeal to students who like to question, probe and challenge. A humanities degree prepares students for a career field or for an advanced degree.

All Humanities and Social Sciences students are required to achieve minimum proficiency in writing prior to completing their degree. This means that each student must receive a grade of a “C” or better in both ENGL 101. Students not meeting this requirement will be required to repeat the course to improve their grade. Supplemental instructional support through writing studio courses is available to all students.

Global Cultural Studies

It has become a well-recognized truism that we now live in a global community. What’s less appreciated, perhaps, is that it takes vastly more than technology and business skills to be an effective agent in that community. It takes global wisdom. It takes cultural capital. The B.A. in Global Cultural Studies serves as a progressive alternative to the more specialized programs currently en vogue in the academy. This new humanities-based, cross-disciplinary major provides its graduates with 1) an understanding of the complexities of the world in which we live, grounded in a familiarity with its historical, philosophical, political, social, cultural, aesthetic, and environmental elements; and 2) the critical thinking and communication skills needed to make agile, confident, and informed decisions.

The B.A. provides a deep and broad foundation for students hungry for knowledge in the traditional university disciplines but who also see the necessity of confronting the new global issues and realities. Graduates from the major will be well prepared for the emerging transnational careers. Majors in GCS will be encouraged to use their 18 elective credits for a minor in one of the following: Psychology; Environmental Health; Civil Engineering Technology; Public Administration; Business Management. Students also will be encouraged to spend a semester abroad.

Bachelor of Arts Degree with a major in Global Cultural Studies

Program Objectives

1. Articulate an understanding of critical perspectives on the intersection of global, national, and local processes.
2. Interpret the ways in which various political-economic and cultural processes contribute to inequality and social change.
3. Communicate a basic understanding of world history, culture, economics, and politics.
4. Demonstrate a proficiency in at least one foreign language (the foreign language requirement).
5. Exhibit a sense of responsibility and/or commitment to issues of social justice.

Core Requirements

42 credits

Required Courses in the Thematic Core

GCS 425 Practicum OR GCS 426 Senior Thesis - Capstone

Department General Requirements

24 credits

Humanities and Social Sciences (15)

PHIL 100 Intro to Philosophy OR any PHIL 200+ level - 3 credits

Select four of the following:

GCS/SOC 225 Anthropology of Belief - 3 credits

HIST 201 History of Western Civilization I - 3 credits

HIST 202 Western Civilization since the Sixteenth Century - 3 credits

POLS 205 World Geography - 3 credits

PSYC 227 Cross Cultural Psychology - 3 credits

Language Sequence (9)

Must include a minimum of three semesters in the same foreign language (courses in translation excluded) - 9 credits

Department Major Requirements

33 credits

GCS 205 Languages of the World - 3 credits

GCS 215 Modernity, Colonial and Capitalism - 3 credits

GCS/SOC 315 Modern World Systems - 3 credits

GCS/SOC 402 Wealthy White Males - 3 credits

Select five of the following courses: 15

GCS 230 Literature, Performing Arts and Politics: A Global View - 3 credits

GCS/SOC 310 Human Rights in Theory and Practice - 3 credits

GCS/POLS 320 Political Geography of the Middle East - 3 credits

GCS/SOC 335 Revolutions - 3 credits

GCS 340 Global Political Ecology - 3 credits

GCS 350 Civilizations and Their Discontents - 3 credits

GCS/PHIL 360 Marx and Marxism - 3 credits

GCS/SOC 390 Study Abroad Project I - 3 credits

GCS/SOC 415 Women: Historical and Global Perspectives - 3 credits
 GCS/SOC 490 Study Abroad Project II - 3 credits
 GCS 295/395/495 Special Topics - 3 credits
 HIST 418 History of Money - 3 credits

Select three of the following courses: 9

MLNG/SOC 228 Eastern European Literature/Culture - 3 credits
 HIST/SOC 312 Regional Studies: Africa - 3 credits
 FREN/HIST 215 French Culture - 3 credits
 SPAN/HIST 216 Spanish Culture - 3 credits
 SOC/MLNG 260 Japanese Culture - 3 credits
 SOC/HIST 261 Regional Studies: India - 3 credits
 GCS/ENGL/MLNG 375 Popular Culture - 3 credits
 HIST/SOC 263 World History: Central and South America - 3 credits

General Electives	21 credits
Minimum credits for B.A. degree	120 credits

History

To prepare students for careers as historians, curators, archivists, conservationists, librarians, information retrieval specialists, journalists and teachers, the department offers a major in History leading to the Bachelor of Arts degree. This program requires 39 credits in history and related disciplines with concentrations offered in three areas of study: United States History, World History and Economics/Political Science.

Bachelor of Arts Degree with a major in History

Program Objectives

1. Identify and explain historical events that have impacted their generation.
2. Define, interpret, and explain the value of word-meaning in history.
3. Analyze the cause and effect of historical events.
4. Locate, analyze, evaluate and use primary and secondary sources.
5. Compose written analyses using appropriate research methodologies and standard written English.

Core Requirements	42 credits
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Required Courses in the Thematic Core

HIST 412 Seminar in History and Political Science - Capstone

Department General Requirements	30 credits
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Social Sciences

HIST 201 History of Western Civilization I - 3 credits
 HIST 202 Western Civilization since the Sixteenth Century - 3 credits
 POLS 205 World Geography - 3 credits
 Economics Elective - 3 credits
 Political Science Elective - 3 credits

Mathematics/Logic

PHIL 103 Introduction to Logic or Mathematics Elective - 3 credits

Language Sequence

Must include a minimum of a two course sequence in the same foreign language (courses in translation excluded) - 12 credits

Department Major Requirements**30 credits****Group 1 - United States History (5 courses) 15 credits**

HIST 203 History of the United States I - 3 credits

HIST 204 History of the United States II - 3 credits

HIST 360 History of the 1960's - 3 credits

HIST 372 History of the American Revolution - 3 credits

HIST 373 Old South, Civil War and Reconstruction - 3 credits

HIST 378 The United States Since World War I - 3 credits

HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits

HIST 295, 395, 495 Special Topics in History - 3 credits

HIST 296, 396, 496 Special Topics in History - 3 credits

HIST 455 History Practicum -3 credits

POLS 335 American Foreign Policy - 3 credits

Group 2 - World History (5 courses) 15 credits

HIST 215 French Culture - 3 credits

HIST 216 Spanish Culture - 3 credits

HIST/SOC 263 World History: Central and South America - 3 credits

HIST 312 Regional Studies: Africa - 3 credits

HIST 322 Renaissance and Reformation - 3 credits

HIST 327 Twentieth Century Europe - 3 credits

HIST 334 History of England - 3 credits

HIST 337 Hitler and Nazism - 3 credits

HIST 352 History of Modern Russia - 3 credits

HIST 355 World War II - 3 credits

HIST 295, 395, 495 Special Topics in History - 3 credits

HIST 296, 396, 496 Special Topics in History - 3 credits

In addition to the listed history subjects, numerous special topics courses are offered, including:

Labor History

The Age of Exploration

The West: Myth and Reality

Technology and Society

Culture and History Medieval History

The Civil Rights Movement

Native American History

Europe in Transition

Renaissance and Reformation

(A maximum of nine credits listed as I - HIST 295, HIST 395, HIST 495 and/or

- HIST 296, HIST 396, HIST 496 may be taken to partially fulfill requirements of Groups 1 and 2.)

General Electives

18 credits

Applied History Emphasis: Courses in Anthropology, Archaeology, Architecture, Archival Collections, Art, Geography, Historic Preservation, Museum Studies

Journalism Emphasis: Courses in Economics, English, History, Journalism and Mass Communication, Political Science

Pre-Law Emphasis: Courses in Accounting, Business Management, English, Law, Political Science, History

Minimum credits for B.A. degree

120 credits

Interdisciplinary Designed Major

The Interdisciplinary Designed Major is for advanced students who wish to combine two to three areas of concentration into a single degree program. Students must present an initial proposal and are admitted to the major upon approval of the Program Director. The Program Director will then advise and coordinate both courses and advisors from more than one discipline to facilitate the degree. At the conclusion of study, each Interdisciplinary Major will accomplish a senior thesis, project, or a term of service that contributes to their area concentrations. The resources of Point Park University, and its array of courses and interests, are all accessible to the Interdisciplinary Designed Major. The result is a degree which offers the unique advantage of a wide range of courses while working closely with individual advisors. Students are as well encouraged to take courses in neighboring Universities and abroad. This program is tailor made for advanced students who wish to explore beyond the boundaries of one traditional course of study, bringing concert and coherence into innovative intellectual life.

Bachelor of Arts/Sciences Degree with an Interdisciplinary Designed Major

Program Objectives

1. Substantiate their designed curriculum by employing their fields of study in an individual project that constitutes substantial research, community service, professional engagement, or direct work which is the direct outcome of their chosen unique fields of concentration.
2. Synthesize at least two distinct disciplines into a perspective which addresses both traditional academic study and the acquisition of professional acumen in a unique form that has practical implications for either professional life or graduate study.
3. Demonstrate fluency and advanced ability in all programs they have studied, and to bring this ability into a third, synthetic, application that bears directly on their projected academic and professional goals.
4. Be grounded in a Cosmopolitan, Liberal Arts Foundation to facilitate the spectrum that studying more than one discipline opens up on human inquiry, imagination and possibility.
5. Create a concrete presentation and demonstrable project that concert their study into an original undertaking with applied outcomes in the world at large.

6. Integrate a Liberal Arts Foundation with their chosen fields and demonstrate the applicability of their field to further development.

Core Requirements **42 credits**

Required Courses in the Thematic Core

HUMA 496 Senior Seminar Thesis Project - Capstone

Department General Requirements **24 credits**

Humanities and Social Sciences (6)

Any combination of:

PHIL 100+ level - 6 credits OR

Any combination of:

HIST 300+ level - 6 credits OR

HIST 201 History of Western Civilization I - 3 credits

HIST 202 Western Civilization since the Sixteenth Century - 3 credits

Language Sequence

Must include a minimum of a two course sequence in the same foreign language (courses in translation excluded) - 12 credits

Approved Credit in the Liberal Arts may be substituted for Humanities and Social Sciences and/or Cultural Studies General Requirements.

Senior Seminar/Thesis Project and/or Community Service

HUMA 495 - 3 credits

Department Major Requirements **54 credits**

The Department requires combining 18 hours in two to three disciplines. Students must submit a proposal combining two to three disciplines, with 18 hours of coursework in each. Courses are normally on the 200 to 300 level. The major must receive the approval of the Director, who will coordinate advisors in each of the disciplines. After completion of the coursework, the major must complete a senior thesis, project, or community service as directed by the Department Director.

Discipline 1 – 18 credits

Discipline 2 – 18 credits

Discipline 3 OR General Electives – 21 credits

Minimum credits for B.A. degree **120 credits**

Legal Studies

The Legal Studies program is a four year program for traditional students as well as transfer students who bring to Point Park a wide range of credits. There is also a Capstone Program for students with an Associate's Degree. Legal Studies is a Pre-Professional degree oriented toward entry into Law School or legal professions. The program provides a solid, cosmopolitan liberal arts background focused upon critical thinking, logical argumentation, the interpretation of complex issues as well as the fundamental principles that animate the life of a Democratic society. This Liberal Arts program seeks to promote depth, history, ethics, judgment, theories

of justice, administrative complexity and social reality in preparing students to engage fully in the manner in which the law, and its institutions, underlie the strength of a Democratic society.

Bachelor of Arts Degree with a major in Legal Studies

Program Objectives

1. Demonstrate a firm grounding in the Liberal Arts and Social Sciences in general as the foundation and background for understanding Legal Studies in particular, as this engages the relationship of law to social, philosophical, political, scientific, and professional studies.
2. Articulate and demonstrate fluency in writing, expression, and research in order to present and support effectively ideas in both written and oral argument formats.
3. Formulate, research, defend and substantiate thesis positions and interpretation, and to express the relationship of interpretation and analysis to theory, tradition and practice. Show the ability to apply advanced critical thinking skills to analysis of the issues of law that are presented.
4. Develop familiarity with seminal cases in American constitutional law and those that illustrate the most basic areas of criminal and civil law such as contract, tort and property law.
5. Understand, demonstrate and apply different methods of legal interpretation including historic and sociological jurisprudence, textual analysis, precedent by the use of relevant case study as applied to practical as well as theoretical legal issues.
6. Understand, appreciate, and apply the political structure, procedure, social norms and mandates to the defense, justification for, and exercise of law to practical ends.
7. Understand, explain and apply specific structures and procedures of law on the federal level in the United States and specifically in the Commonwealth of Pennsylvania.
8. To situate chosen areas of expertise in Legal Studies to the greater context of Liberal and Humanistic studies, in terms of social order, values, fundamental human, as well as property rights, and the exercise thereof in a democratic society.

Core Requirements

42 credits

POLS 412 Seminar in History and Political Science - 3 credits

Department Major Requirements

60 credits

Language Sequence (12)

Must include a minimum of a two semester sequence in the same foreign language (courses in translation excluded). - 12 credits

HIST 203 History of the United States I - 3 credits

PHIL 100 Introduction to Philosophy - 3 credits

PHIL 103 Introduction to Logic OR

PHIL 201 Critical Thinking - 3 credits

PHIL 240 Ethics in the Professions - 3 credits

POLS 102 American National Government - 3 credits

POLS 202 State and Local Government - 3 credits

POLS 209 Law and Society - 3 credits

POLS 215 Introduction to Legal Studies - 3 credits

POLS 305 Trial Law and Procedure - 3 credits

POLS 308 Principles of Criminal Justice - 3 credits

POLS 402 Constitutional Law - 3 credits

POLS 408 International Law - 3 credits

And any four of the following:

- BMGT 201 Business Law I - 3 credits
- BMGT 202 Business Law II - 3 credits
- JOUR 418 Communication Law and Regulation - 3 credits
- PADM 210 Public Administration - 3 credits
- PADM 311 Labor Management Relations in Government - 3 credits
- PADM 312 Introduction to Administrative Law - 3 credits
- PHIL 305 Philosophy of Law - 3 credits
- POLS 295, POLS 395 or POLS 495 - 3 credits

General Electives

18 credits

Minimum credits for B.A. degree

120 credits

Liberal Studies

The Liberal Studies Program offers a four year program, as well as a program designed for transfer students who have a wide range of credits. Both these options feature an “Elected Area of Concentration” designed by the student and the Director of Interdisciplinary Studies and Faculty Advisors. There is also a Capstone Program for Students with an Associate’s Degree and a Post Baccalaureate course of study for those whose career goals have been reached, but who wish to continue with their studies within a structured environment tailored to fulfill professional goals. The Capstone and Post Baccalaureate Programs offer options of a designed area of concentration, or a concentration in Public Administration, Information Sciences, or International Studies. All Programs lead to a Bachelor of Arts or Science degree grounded in the Liberal Arts applied to disciplined areas of concentration. These Programs have special appeal to those seeking a unique integrated approach to focused areas of concentration and expertise.

Bachelor of Arts or Science Degree with a major in Liberal Studies and an Elected Area of Concentration

Program Objectives

1. Demonstrate a grounding in the Liberal Arts as the foundation for a unique course of studies based on empowering academic and professional fields in a holistic fashion that adds to the application and understanding of their studies.
2. Be competent in literacy skills and modes of expression used across the board in the Liberal Arts.
3. Demonstrate fluency in the Liberal Arts traditional curriculum as the integrated foundation that edifies areas of curricular concentration.
4. Demonstrate both proficiency and competence in their chosen areas of concentration, utilizing the skills demanded of the elected area of concentration in a fashion consistent with the Program Objectives of the area of Concentration chosen.
5. Identify, articulate and express literacy in the Liberal Arts at large, and fluency in their concentration, in a fashion that focuses their intellect and critical skills toward a discipline. Graduates will be competent in Liberal Arts perspectives in general, and in their concentration in particular, and be able to identify and demonstrate the intersection and integration of the two.

Core Requirements	42 credits
Department General Requirements	36 credits

Humanities and Social Sciences (30)

- ENGL 252+ level - 3 credits
- ENGL 252+ level - 3 credits
- HIST course any level - 3 credits
- HIST course any level - 3 credits
- PHIL 100 or 202+ level - 3 credits
- PHIL 216+ level - 3 credits
- PSYC 200+ level - 3 credits
- PSYC 200+ level - 3 credits
- SOC 111 OR SOC/SOCW or GCS 200+ level - 3 credits
- SOC/SOCW or GCS 200+ level - 3 credits

Approved Transfer Credit in the Liberal Arts may be substituted for Department General Requirements.

Language Sequence (6)

Must include a minimum of a two semester sequence in the same foreign language (courses in translation excluded). - 6 credits

Area of Concentration Requirements **24 credits**

The Program requires 24 Credit Hours in a discipline agreed upon after consultation with the Director of Interdisciplinary Studies and Appropriate Faculty Advisor. Four courses must be at 300+ level.

Professional Options:

Applied Arts (24)

Select eight courses of advisor approved Applied Arts and Integrated Arts courses. Four courses must be at the 300+ level.

Information Technology (26)

- CMPS 103 Introduction to Program Development with C/C++ - 4 credits
- CMPS 201 Information Networks - 3 credits
- CMPS elective - 3 credits
- Select four additional CMPS courses at the 300+ level

International Studies (24)

- POLS 207 Public Policy Issues - 3 credits
- POLS 335 American Foreign Policy - 3 credits
- POLS 372 International Relations - 3 credits
- POLS 408 International Law - 3 credits
- Select four additional POLS courses

Public Administration (24)

- PADM 210 Public Administration - 3 credits
- PADM 212 Administrative Behavior in the Public Service - 3 credits

PADM 301 Operational Methods for Public Management - 3 credits
PADM 308 Theories of Public Organization - 3 credits
Select four additional PADM courses; two courses must be 300+ level

General Electives 18 credits
Minimum credits for B.A./B.S. degree 120 credits

Capstone Program Bachelor of Arts or Science Degree with a major in Liberal Studies

Program Objectives

1. Demonstrate a grounding in the Liberal Arts as the foundation for a unique course of studies based on empowering academic and professional fields in a holistic fashion that adds to the application and understanding of their studies.
2. Be competent in literacy skills and modes of expression used across the board in the Liberal Arts.
3. Demonstrate fluency in the Liberal Arts traditional curriculum as the integrated foundation that edifies areas of curricular concentration.
4. Demonstrate both proficiency and competence in their chosen areas of concentration, utilizing the skills demanded of the elected area of concentration in a fashion consistent with the Program Objectives of the area of Concentration chosen.
5. Identify, articulate and express literacy in the Liberal Arts at large, and fluency in their concentration, in a fashion that focuses their intellect and critical skills toward a discipline. Graduates will be competent in Liberal Arts perspectives in general, and in their concentration in particular, and be able to identify and demonstrate the intersection and integration of the two.

Prerequisites to the Program 12 credits
ENGL 101 College Composition I - 3 credits
POLS 250 Introduction to the Study of Government Systems - 3 credits
PSYC 150 Psychological Foundations - 3 credits
SOC 150 Sociological Foundations - 3 credits

Department General Requirements 30 credits
Information Technology (3)
CMPS 111 Information Literacy - 3 credits

Humanities (9)
PHIL 100 Intro to Philosophy or any 200+ level Philosophy course - 3 credits
ENGL 250, 251, 252, 253, 254, 255 - 3 credits
ENGL 250, 251, 252, 253, 254, 255 - 3 credits OR
Humanities elective (at 200+ level) - 3 credits

Social Sciences (6)
Social Sciences elective - 3 credits
Social Sciences 200+ level elective - 3 credits

Natural Sciences (6)
Two Natural Sciences electives - 6 credits

(MATH 175 Elem. Statistics is required for Business Management and Computer Science Options)

Social Sciences (6)

POLS 102 American National Government - 3 credits

POLS 205 World Geography - 3 credits

Department Major Requirements

24-26 credits

Choose one of the following:

Designed Option in a chosen discipline (24 credits)

24 credits in chosen discipline, 12 in 300+ level courses

Professional Options:

Applied Arts (24)

Select eight courses of advisor approved Applied Arts and Integrated Arts courses. Four courses must be at the 300+ level.

Information Technology Option (26 credits)

CMPS 103 An Introduction to Program Development with C/C++ - 4 credits

CMPS 201 Information Networks - 3 credits

CMPS Elective - 3 credits

Four CMPS courses at the 300+ level - 16 credits

International Studies Option (24 credits)

POLS 207 Public Policy Issues - 3 credits

POLS 335 American Foreign Policy - 3 credits

POLS 372 International Relations - 3 credits

POLS 408 International Law - 3 credits

Four POLS courses - 12 credits

Public Administration Option (24 credits)

PADM 210 Public Administration - 3 credits

PADM 212 Administrative Behavior in Public Service - 3 credits

PADM 301 Operational Methods in Public Services - 3 credits

PADM 308 Theories Public Organization - 3 credits

Two PADM courses - 6 credits

Two PADM courses at the 300+ level - 6 credits

Optional hours of General Electives to fulfill 120 hour degree requirement.

Associates Degree from Community or Junior College

60 credits

Minimum credits for B.A. or B.S. degree

120 credits

Post-Baccalaureate Program Bachelor of Arts or Science Degree with a major in Liberal Studies

Program Objectives

1. Demonstrate a grounding in the Liberal Arts as the foundation for a unique course of studies based on empowering academic and professional fields in a holistic fashion that adds to the application and understanding of their studies.
2. Be competent in literacy skills and modes of expression used across the board in the Liberal Arts.
3. Demonstrate fluency in the Liberal Arts traditional curriculum as the integrated foundation that edifies areas of curricular concentration.
4. Demonstrate both proficiency and competence in their chosen areas of concentration, utilizing the skills demanded of the elected area of concentration in a fashion consistent with the Program Objectives of the area of Concentration chosen.
5. Identify, articulate and express literacy in the Liberal Arts at large, and fluency in their concentration, in a fashion that focuses their intellect and critical skills toward a discipline. Graduates will be competent in Liberal Arts perspectives in general, and in their concentration in particular, and be able to identify and demonstrate the intersection and integration of the two.

Prerequisites to the Program

21 credits

CMPS 111 Information Literacy - 3 credits

ENGL 250 World Literature I - 3 credits

ENGL 251 World Literature II - 3 credits

POLS 102 American National Government - 3 credits

POLS 250 Introduction to the Study of Government Systems - 3 credits

PSYC 150 Psychological Foundations - 3 credits

SOC 150 Sociological Foundations - 3 credits

Department Major Requirements

24-26 credits

Choose one of the following:

Designed Option in a chosen discipline (24 credits)

24 credits in chosen discipline, 12 in 300+ level courses

Information Technology Option (26 credits)

CMPS 103 An Introduction to Program Development with C/C++ - 4 credits

CMPS 201 Information Networks - 3 credits

CMPS Elective - 3 credits

Four CMPS courses at the 300+ level - 16 credits

Public Administration Option (24 credits)

PADM 210 Public Administration - 3 credits

PADM 212 Administrative Behavior in Public Service - 3 credits

PADM 301 Operational Methods in Public Services - 3 credits

PADM 308 Theories Public Organization - 3 credits

Two PADM courses - 6 credits

Two PADM courses at the 300+ level - 6 credits

International Studies Option (24 credits)

POLS 207 Public Policy Issues - 3 credits

POLS 335 American Foreign Policy - 3 credits
POLS 372 International Relations - 3 credits
POLS 408 International Law - 3 credits
Four POLS courses - 12 credits

Minimum credits for B.A. or B.S. degree

24-26 credits

Political Science

To meet the needs of pre-law students and to prepare students for careers in government, journalism, business and education, the major in Political Science leading to the Bachelor of Arts degree requires 30 credits in Political Science with a concentration required in one of two areas of study: Government and Law or International Studies.

Bachelor of Arts Degree with a major in Political Science

Program Objectives

1. Relate the evolution of a country's political system to general historical events in that country.
2. Relate a region's past and present political systems to the geographical characteristics of that region.
3. Analyze the American system of government using knowledge of significant events in its legislative, executive, and judicial history.
4. Analyze the systems of government in other countries and examine their relationships to the American system of government.
5. Read current literature in their profession, assimilate and integrate the ideas found in this literature, and communicate these ideas effectively in written and oral form with the aid of modern technology.

Core Requirements

42 credits

POLS 412 Seminar in History and Political Science - 3 credits

Department General Requirements

24 credits

Language Sequence (12)

Must include a minimum of a two course sequence in the same foreign language (courses in translation excluded) - 12 credits

Mathematics/Logic (3)

PHIL 103 Introduction to Logic OR
Mathematics elective - 3 credits

Social Sciences (9)

HIST 201 History of Western Civilization I OR
HIST 202 Western Civilization since the Sixteenth Century - 3 credits
HIST 203 History of the U.S. I OR
HIST 204 History of the U.S. II - 3 credits
POLS 102 American National Government - 3 credits

Department Major Requirements

30 credits

POLS 401 Political Thought and Theory - 3 credits

Choose five courses:

POLS 202 State and Local Government - 3 credits

POLS 207 Public Policy Issues - 3 credits

POLS 330 The American Presidency - 3 credits

POLS 335 American Foreign Policy - 3 credits

POLS 350 Nationalism - 3 credits

POLS 358 Governments and Politics of the Middle East - 3 credits

POLS 372 International Relations - 3 credits

POLS 376 Soviet Foreign Policy - 3 credits

Choose a Concentration in Government and Law or International Studies:**Government and Law**

General Electives recommended in ACCT, CMPS, ENGL, and POLS

Choose four courses:

BMGT 201 Business Law I - 3 credits

BMGT 202 Business Law II - 3 credits

JOUR 418 Communications Law and Regulation - 3 credits

PADM 210 Public Administration - 3 credits

PADM 211 Public Personnel Management - 3 credits

PADM 214 Public Budgeting and Finance - 3 credits

PADM 301 Operational Methods for Public Management - 3 credits

PADM 303 Process of Public Administration - 3 credits

PADM 312 Introduction to Administrative Law - 3 credits

PADM 410 Advanced Seminar in Applied Public Management - 3 credits

PADM 411 Public Administration Internship - 3 credits

POLS 209 Law and Society - 3 credits

POLS 305 Trial Law and Procedure - 3 credits

POLS 308 Principles of Criminal Justice - 3 credits

POLS 402 Constitutional Law - 3 credits

POLS 408 International Law - 3 credits

International Studies

General Electives recommended in FREN, SPAN, and POLS

Choose four courses:

ECON 421 International Economics - 3 credits

HIST 215 French Culture - 3 credits

HIST 216 Spanish Culture - 3 credits

HIST/SOC 263 World History: Central and South America - 3 credits

HIST 264 World History: Asia - 3 credits

HIST 312 Regional Studies: Africa - 3 credits

HIST 327 Twentieth Century Europe - 3 credits

HIST 334 History of England - 3 credits

HIST 337 Hitler and Nazism - 3 credits

HIST 352 History of Modern Russia - 3 credits

POLS 205 World Geography - 3 credits
POLS 408 International Law - 3 credits

In addition to the listed Political Science subjects, many special topics courses are offered, including:

The Third World
Law and Morality
Terrorism Gangs: A Global View
Street Law
Africa: Land In Crisis
Medical Law
Contemporary Public Policy
Environmental Law

General Electives **24 credits**

Government and Law Concentration: Courses in Accounting, Computer Science, English, Political Science, and Public Administration

International Studies Concentration: Courses in French, History, Spanish, and Political Science

Minimum credits for B.A. degree **120 credits**

Minors in the Humanities and Social Sciences

The minors for the Department of Humanities and Social Sciences listed below are available to all students at Point Park University. The minor consists of a minimum of 18 credits.

French Studies Minor (21 credits)

FREN 101 Elementary French I - 3 credits
FREN 102 Elementary French II - 3 credits OR
 FREN 201 Intermediate French I - 3 credits
FREN 202 Intermediate French II - 3 credits
FREN 215 French Culture - 3 credits
MLNG 225 Representations of Minorities in World Literature - 3 credits
MLNG 220 French Literature in Translation - 3 credits
MLNG 295 Selected Topics MLNG - 3 credits

Global Cultural Studies Minor (18 credits)

ENGL 375 American Popular Culture - 3 credits
MLNG 225 Representations of Minorities in World Literature - 3 credits
PSYC 227 Cross-cultural Psychology - 3 credits
Three of the following:
MLNG 295 Selected Topics MLNG - 3 credits
MLNG 228 Eastern European Literature and Culture - 3 credits
FREN 215 French Culture - 3 credits
SPAN 216 Spanish Culture - 3 credits
FREN 295 Selected Topics MLNG - 3 credits

Hispanic Studies Minor (21 credits)

SPAN 101 Elementary Spanish I - 3 credits

SPAN 102 Elementary Spanish II - 3 credits or

SPAN 201 Intermediate Spanish I - 3 credits

SPAN 202 Intermediate Spanish II - 3 credits

SPAN 211 Introduction to the Cultures of the Caribbean - 3 credits

MLNG 221 Spanish Literature in Translation - 3 credits

MLNG 225 Representations of Minorities in World Literature - 3 credits

MLNG 295 Selected Topics MLNG - 3 credits

History Minor (18 credits)

Eighteen credits in History (200+ level) - 18 credits

Modern Languages Minor (18 credits)

6 credits at the Elementary level (101 and 102 or equivalent) in the modern language

6 credits at the Intermediate-level (201 and 202 or equivalent) in the modern language

AND

6 credits in modern language courses at the 200 level or above (culture courses)

OR

6 credits in 300+ language courses

Philosophy Minor (18 credits)

Prerequisite:

PHIL 100 Introduction to Philosophy - 3 credits

Minor:

PHIL 103 Introduction to Logic - 3 credits AND

Five additional courses in Philosophy - 15 credits

Political Science Minor (18 credits)

Eighteen credits in Political Science (200+ level) - 18 credits

World Cultures and Societies Minor (18 credits)

SOC 111 World Cultures - 3 credits

PSYC 227 Cross-cultural Psychology - 3 credits

GCS/ MLNG 205 Languages of the World - 3 credits

HIST 295 World History - 3 credits

POLS 408 International Law - 3 credits OR

POLS 250 Introduction to the Study of Government - 3 credits

A sixth course could come from other departments provided that it is a course that emphasizes a broad perspective- both historically and geographically.

The Department of Psychology

Professors: J. Robert McNerney, Ph.D.; Sharna Olfman, Ph.D.; Brent Dean Robbins (Chair), Ph.D.; William Purcell, Ph.D.

Associate Professors: Matthew Allen, Ph.D.; Britney Brinkman, Ph.D.; Jill Thomas, Ph.D.

Assistant Professors: Todd Avellar, Ph.D.; Sarah Schulz, Ph.D.

The Department of Psychology includes bachelor-level programs in psychology and behavioral sciences. The psychology program includes clinical, child, community and forensic concentrations.

All Psychology and behavioral sciences students are required to achieve minimum proficiency in writing prior to completing their degree. This means that each student must receive a grade of a “C” or better in both ENGL 101. Students not meeting this requirement will be required to repeat the course to improve their grade. Supplemental instructional support through writing studio courses is available to all students.

Behavioral Sciences

The program, leading to the Bachelor of Arts degree in Behavioral Sciences, provides broad insights into the behavior of human beings as individuals, as members of a specific social group and as citizens of a world society. The major requires 36 to 45 credits in Behavioral Science courses, 42 credits of core requirements, 27 credits of department general requirements, and 9 to 18 credits in general electives for a total of 123 credits.

For students majoring in Behavioral Sciences, the Department offers three concentrations that provide specialized training and preparation in distinct professional areas. The Social Work concentration is designed to provide preparation for students pursuing careers in social work. The Industrial Social Work concentration is more specific and prepares students for social work careers within industry. The Sociology concentration offers students the option of a more general academic program.

Bachelor of Arts Degree with a major in Behavioral Sciences

Program Objectives

1. Describe major theoretical perspectives in the behavioral sciences and apply them to the analysis of human behavior and social structures.
2. Critically evaluate the validity of competing theories and models of human behavior and social structures.
3. Gather data from interviewing and observing human subjects, analyze and interpret the data, and critically evaluate theories that provide valid insight into and understanding of the human condition.
4. Communicate effectively in a professional setting in both written and oral forms following standards and guidelines of the American Psychological Association.
5. Describe the role of society and culture in human behavior and social structures.

Core Requirements

42 credits

Required Courses in the Thematic Core

SOC 150 Sociological Foundation - Understand People

SOCW 412 Senior Thesis - Capstone

Department Major Requirements

60 credits

MATH 175 Elementary Statistics - 3 credits

PHIL 100 Intro to Philosophy OR any PHIL 200 + level - 3 credits

POLS 102 American National Government OR any POLS 200 + level- 3 credits
 PSYC 203 Theories of Personality- 3 credits
 PSYC 204 Abnormal Psychology- 3 credits
 SOCW 202 Social Issues- 3 credits
 SOCW 221 Introduction to Social Work- 3 credits
 SOCW 326 Social Welfare Policy- 3 credits
 SOCW 352 Research Methods in Human Sciences- 3 credits
Choose Four Any Psyc 300+ Level Courses – 12 credits
Choose One Any 100 Level CENG, GCS, SJS, SOC, or SOCW course- 3 credits
Choose Two Any 200+ Level CENG, GCS, SJS, SOC, or SOCW course- 6 credits
Choose One Any 300+ Level CENG, GCS, SJS, SOC, or SOCW course- 3 credits

Language Sequence: 9 credits (2 in spoken language, 1 additional MLNG course)

General Electives **18 credits**
Minimum credits for B.A. degree 120 credits

Psychology

The program leading to the Bachelor of Arts degree in Psychology requires a minimum of 39 credits in Psychology, tailored to an individual student's needs, such as preparation for graduate school or for a vocation immediately following graduation. Students can receive specialized training in specific areas by electing to take one of four recommended course sequence: Clinical, Child Psychology, Community Psychology, Forensic Psychology, or Religion and Spirituality. Students can also elect to take a more broadly based sequence of courses. During the junior or senior year, selected students are encouraged to participate in an Institutional Practicum, which requires one day a week of training and instruction at a local hospital or other mental health facility.

Bachelor of Arts Degree with a major in Psychology

Program Objectives

1. Describe major theoretical perspectives in psychology and apply them to the analysis of human behavior.
2. Critically evaluate the validity of competing theories and models of human behavior.
3. Gather data from interviewing and observing human subjects, analyze and interpret the data, and generate theories that provide valid insight into and understanding of the human condition.
4. Communicate effectively in a professional setting in both written and oral forms following standards and guidelines of the American Psychological Association.

Core Requirements **42 credits**

Required Courses in the Thematic Core

PSYC 114 Technological Literacy for Psychology- Discover Technology
 PSYC 412 Senior Thesis - Capstone

Department General Requirements **21 credits**

Humanities and Social Sciences (6)

PHIL 100 Introduction to Philosophy OR any PHIL 200+ level - 3 credits

Choose one course:

SOC 111 World Cultures - 3 credits OR

SOC or SOCW elective 200+ level - 3 credits

Language Sequence (9)

2 course sequence in the same foreign language(courses in translation excluded)

1 course required in MLNG, or PSYC 227, GCS 175

Natural Sciences (3)

MATH 175 Elementary Statistics - 3 credits

Department B.A. Major Requirements

39 credits

PSYC 151 Theoretical Foundations to Psychology - 3 credits

PSYC 201 Critical Thinking in Psychology - 3 credits

PSYC 202 Story of Psychology in Perspective - 3 credits

PSYC 203 Theories of Personality - 3 credits

PSYC 204 Abnormal Psychology - 3 credits

PSYC 209 The Child from Conception to Nine - 3 credits

PSYC 313 Social Psychology- 3 credits

PSYC 348 Psychology of Diversity- 3 credits

PSYC 352 Research Methodology in Human Sciences - 3 credits

Select 2 Courses: (6)

PSYC 207 Children's Play: Psychological Aspects - 3 credits

PSYC 214 Psychology of Emotion - 3 credits

PSYC 220 Hypnosis - 3 credits

PSYC 227 Cross-cultural Psychology - 3 credits

PSYC 231 Interpersonal Relationships - 3 credits

PSYC 251 Psychology of Gender - 3 credits

PSYC 252 Psychology of Sexual Behavior - 3 credits

PSYC 262 Childhood: Sociocultural Issues - 3 credits

PSYC 263 Psychology of Parenting - 3 credits

PSYC 266 Art Therapy- 3 credits

PSYC 267 Zombies and Psychological Life- 3 credits

Select 4 Courses: (12)

PSYC 304 Counseling Theories and Practice - 3 credits

PSYC 305 Counseling Practicum - 3 credits

PSYC 306 Abusive Behavior - 3 credits

PSYC 309 The Child from Five to Fourteen - 3 credits

PSYC 313 Social Psychology - 3 credits

PSYC 314 Psychological Tests and Measurements - 3 credits

PSYC 316 Existential and Phenomenological Psychology - 3 credits

PSYC 317 Psychology of Adolescence - 3 credits

PSYC 318 Music and Psychological Life- 3 credits

PSYC 319 Psychology of Consciousness - 3 credits

PSYC 320 Criminal Psychopathology - 3 credits

PSYC 321 Happiness, Well-being and Human Strengths - 3 credits

PSYC 340 Children and the Law - 3 credits
PSYC 348 Psychology of Diversity - 3 credits
PSYC 350 Community Psychology - 3 credits
PSYC 351 Clinical-Community Psychology - 3 credits
PSYC 361 Forensic Psychology: Clinical Approach - 3 credits
PSYC 365 Children's Mental Health - 3 credits
PSYC 366 Child and Family Therapy - 3 credits
PSYC 377 Eco psychology- 3 credits
PSYC 418 Psychology of Adult Development - 3 credits
PSYC 455 Institutional Practicum I - 3 credits
PSYC 456 Institutional Practicum II - 3 credits
PSYC 295, 395, 495 Special Topics - 3 credits
PSYC 296, 396, 496 Independent Study - 3 credits

**Recommended Courses for Concentrations in Psychology
Clinical (12+6)**

Choose Four:

PSYC 304 Counseling Theories and Practices - 3 credits
PSYC 305 Counseling Practicum - 3 credits
PSYC 306 Abusive Behavior - 3 credits
PSYC 314 Tests and Measurements - 3 credits
PSYC 321 Happiness, Well-Being and Strengths - 3 credits
PSYC 351 Clinical-Community Psychology - 3 credits
PSYC 365 Children's Mental Health - 3 credits
PSYC 366 Child and Family Therapy - 3 credits

AND:

PSYC 455 Institutional Practicum I - 3 credits
PSYC 456 Institutional Practicum II - 3 credits

Child Psychology (6+12)

PSYC 309 The Child from Five to Fourteen - 3 credits
PSYC 455 Institutional Practicum - 3 credits

AND Choose Four:

PSYC 207 Children's Play: Psychological Aspects - 3 credits
PSYC 262 Childhood: Social Issues and Cross-cultural Perspectives - 3 credits
PSYC 263 Parenting and Parenthood - 3 credits
PSYC 317 Psychology of Adolescence - 3 credits
PSYC 340 Children and the Law - 3 credits
PSYC 361 Forensic Psychology: Clinical Approaches - 3 credits
PSYC 365 Children's Mental Health - 3 credits
PSYC 366 Child and Family Therapy - 3 credits

Community Psychology (15+3)

PSYC 313 Social Psychology - 3 credits
PSYC 321 Happiness, Well-Being and Strengths - 3 credits
PSYC 350 Community Psychology - 3 credits
PSYC 351 Clinical-Community Psychology - 3 credits

PSYC 455 Institutional Practicum - 3 credits

AND Choose One:

PSYC 214 Psychology of Emotion - 3 credits

PSYC 227 Cross-Cultural Psychology - 3 credits

PSYC 231 Interpersonal Relationships - 3 credits

PSYC 251 Psychology of Gender - 3 credits

PSYC 252 Psychology of Sexual Behavior - 3 credits

PSYC 312 Organizational Behavior - 3 credits

Forensic Psychology (18)

Choose six:

PSYC 245 Introduction to Forensic Psychology - 3 credits

PSYC 320 Criminal Psychopathology - 3 credits

PSYC 340 Children and the Law - 3 credits

PSYC 350 Community Psychology - 3 credits

PSYC 361 Forensic Psychology: Clinical Approaches - 3 credits

PSYC 420 Advanced Forensic Psychology - 3 credits

SOC 215 Sociology of Criminal Behavior - 3 credits

Psychology of Religion and Spirituality (15)

PSYC 216 Psychology of Religion and Spirituality -3credits

Choose four:

PSYC 217 Psychology of Evil and Human Destruction -3credits

PSYC 218 Psychology of Women's Spirituality -3credits

PSYC 227 Cross- Cultural Psychology -3 credits

PSYC 293 Special Topics in Psychology of Religion -3 credits

PSYC 316 Existential and Phenomenological Psychology -3 credits

PSYC 319 Psychology of Consciousness - 3 credits

PSYC 321 Happiness, Well-Being, & Human Strength- 3 credits

PSYC 322 Transpersonal Psychology -3 credits

PSYC 323 Indigenous Psychology -3 credits

PSYC 393 Advanced Special Topics in Psychology of Religion and Spirituality -3 credits

General Electives

18 credits

Minimum credits for B.A. degree

120 credits

B.A./M.A. Psychology

Core Requirements

42 credits

Required Courses in the Thematic Core

PSYC 412 Senior Thesis - Capstone

Department General Requirements

21 credits

Humanities and Social Sciences (6)

PHIL 100 Introduction to Philosophy OR any PHIL 200+ level - 3 credits

Choose one course:

SOC 111 World Cultures - 3 credits OR
SOC or SOCW elective 200+ level - 3 credits

Language Sequence (12)

Must include a minimum of a two course sequence in the same foreign language (courses in translation excluded) - 12 credits

Natural Sciences (3)

MATH 175 Elementary Statistics - 3 credits

Department B.A. Major Requirements

27 credits

PSYC 151 Theoretical Foundations to Psychology - 3 credits

PSYC 201 Critical Thinking in Psychology - 3 credits

PSYC 202 Story of Psychology in Perspective - 3 credits

PSYC 203 Theories of Personality - 3 credits

PSYC 204 Abnormal Psychology - 3 credits

PSYC 209 The Child from Conception to Nine - 3 credits

PSYC 352 Research Methodology in Human Sciences - 3 credits

Select 2 Courses: (6)

PSYC 207 Children's Play: Psychological Aspects - 3 credits

PSYC 214 Psychology of Emotion - 3 credits

PSYC 220 Hypnosis - 3 credits

PSYC 227 Cross-cultural Psychology - 3 credits

PSYC 231 Interpersonal Relationships - 3 credits

PSYC 251 Psychology of Gender - 3 credits

PSYC 252 Psychology of Sexual Behavior - 3 credits

PSYC 262 Childhood: Sociocultural Issues - 3 credits

PSYC 263 Psychology of Parenting - 3 credits

B.A. General Electives

18 credits

M.A Requirements

18 credits

PSYC 503 - Foundations of Community Psychology (3)

PSYC 511 - Humanistic and Phenomenological Approaches to Psychology (3)

PSYC 531 - Psychopathology in the Context of Society and Culture (3)

PSYC 561 - Social Psychology and Cultural Transformation (3)

PSYC 563 - Program Development, Evaluation and Assessment (3)

PSYC 631 - Ethical and Professional Issues (3)

Research Methods

6 credits

PSYC 551 - Quantitative Research Methods (3)

PSYC 552 - Qualitative Research Methods (3)

PSYC 692 - Thesis Continuation (1)

Choose One: 3 credits

PSYC 652 Community Practicum (3)

PSYC 691 Thesis (3)

PSYC 693 Research Practicum (3)

Electives – Choose Three

9 credits

PSYC 524 - Child and Society (3)

PSYC 525 - Lifespan Development (3)

PSYC 532 - Mental Health & Well-Being: Individual and Collective (3)

PSYC 541 - Brain, Body and Experience (3)

PSYC 555 Critical Race Studies (3)

PSYC 556 Girls' & Women's Mental Health (3)

PSYC 557 Integrative Mental Health (3)

PSYC 558 Introduction to Grant Writing (3)

PSYC 559 LGBTQ Studies (3)

PSYC 560 Mindfulness: Buddhist & Contemplative Psychology (3)

PSYC 595 - Special Topics in Clinical-Community Psychology (3)

PSYC 642 - Critical Theory in the Social Sciences (3)

PSYC 643 - Dynamics of Social Systems (3)

PSYC 646 - Psychology of Religion and Spirituality (3)

PSYC 647 - Psychology of Sex and Gender (3)

PSYC 648 - Psychology of Diversity and Social Justice (3)

PSYC 649 - Psychology of Emotion and Motivation (3)

PSYC 652 - Community Practicum I (3)

PSYC 653 - Community Practicum II (3)

PSYC 693 Research Practicum

PSYC 694 Research Practicum II (3)

PSYC 695 - Advanced Special Topics in Clinical-Community Psychology (3)

Minimum credits for B.A./M.A. degree

144 credits

Minors in the Department of Psychology

The minors for the Department of Psychology listed below are available to all students at Point Park University. The minor consists of a minimum of 18 credits.

Behavioral Sciences Minor (18 credits)

Prerequisites:

SOC 150 Sociological Foundations - 3 credits

PSYC 150 Psychological Foundations - 3 credits

Minor:

SOCW 202 Social Issues - 3 credits

PSYC 203 Theories of Personality - 3 credits

Four additional courses in Behavioral Sciences with emphasis on Sociology.

Recommended sequence for the four additional courses (as well as for History, Political Science, Social Sciences and Psychology majors interested in social work):

SOC 205 Social Inequality in America - 3 credits

SOC 308 American Ethnic Groups - 3 credits

SOCW 309 Sociology of the African-American Experience - 3 credits

SOCW 352 Research Methodology in Human Sciences - 3 credits

Psychology Minor (18 credits)

Prerequisite:

PSYC 150 Psychological Foundations - 3 credits

Minor:

PSYC 203 Theories of Personality - 3 credits AND
Five additional courses in Psychology

Recommended sequences for the five additional courses:

Business Leadership:

PSYC 210 Industrial Psychology - 3 credits
PSYC 307 Leadership Training for the Business World - 3 credits
PSYC 311 Managerial Psychology - 3 credits
PSYC 312 Organizational Behavior - 3 credits
SOC 210 Sociology of Work - 3 credits

Child Development:

PSYC 207 Children's Play: Psychological Aspects - 3 credits
PSYC 209 The Child from Conception to Nine - 3 credits
PSYC 306 Abusive Behavior - 3 credits
PSYC 309 The Child from Five to Fourteen - 3 credits
PSYC 317 Psychology of Adolescence - 3 credits

Counseling:

PSYC 204 Abnormal Psychology - 3 credits
PSYC 251 Psychology of Women - 3 credits
PSYC 304 Counseling Theories and Practices - 3 credits
PSYC 305 Counseling Practicum - 3 credits
PSYC 314 Psychological Tests and Measurements - 3 credits

Education Majors:

PSYC 207 Children's Play: Psychological Aspects - 3 credits
PSYC 208 Learning and Motivation - 3 credits
PSYC 209 The Child from Conception to Nine - 3 credits
PSYC 309 The Child from Five to Fourteen - 3 credits

One course:

SOC 205 Social Inequality in America - 3 credits OR
SOC 308 American Ethnic Groups - 3 credits OR
SOCW 309 Sociology of the African-American Experience - 3 credits

Graduate Studies

The Department of Psychology offers a Master of Arts in Clinical-Community Psychology degree and a Doctorate of Psychology in Clinical-Community Psychology. For a graduate catalog or information, visit the website or please call [Graduate Admissions Office](#) at (412) 392-3808.

The Department of Literary Arts

Professors: Amy Kim Bell, M.A.; Portia K. Weston, Ed.D.

Associate Professors: Karen Dwyer, Ph.D.; Kirstin Hanley, Ph.D.; Dwight Hines, Ph.D.; Sarah Perrier, Ph.D. (Chair), Robert Ross, Ph.D.

Assistant Professors: Barbara Barrow, Ph.D.; Christopher Girman, Ph.D.; Jessica McCort, Ph.D.

Literary Arts offers three majors: English, Creative Writing, and Social Justice Studies. These programs invite students to immerse themselves in the ingenuity, creativity, and vitality of language and to recognize the power that language has to shape how we experience our world. Following programs of study that draw on classics and contemporaries alike, students in these majors work closely with their faculty and their peers to hone their ability to read closely, speak clearly, engage with ideas, and interpret complex literary, creative, or social ideas with precision, ingenuity, and sensitivity. All majors will prepare students for broad-ranging professional opportunities upon graduation.

Students in English and Creative Writing are required to demonstrate minimum proficiency (a grade of “C” or better) in English 101. In order to maintain good standing within their programs and graduate in a timely manner, students in both majors must also maintain a minimum of a 2.5 cumulative GPA in their Literary Arts courses.

English

The program leading to a Bachelor of Arts degree with a major in English is directed toward two objectives: (a) the understanding of literary works of the past and present in an effort to extend the student’s knowledge of human thought, emotion, and experience and (b) the development of those skills necessary to communicate effectively, persuasively, clearly, and concisely through both the written and spoken word. The major in English requires a total of 120 credits.

Bachelor of Arts Degree with a major in English

Program Objectives

In order to advance in their professions and serve their communities through a mastery of critical thinking, clear, logical written and oral communication, and the ability to think creatively and collaboratively within diverse cultural, historical, and theoretical contexts, students will pursue the following goals:

Students upon completion of a B.A. in English will be able to:

1. Interpret, analyze, and evaluate literary texts.
2. Analyze texts within global, cultural, historical, or theoretical contexts.
3. Identify and explain multiple literary genres, such as poetry, fiction, drama, and nonfiction prose.
4. Write three or more of the following:
 - a. Argument,
 - b. Literary Analysis,
 - c. Research,
 - d. Exposition,
 - e. Poetry, fiction, or creative nonfiction,
 - f. Meta-cognitive or reflective writing.

Core Requirements

42 credits

Required Courses in the Thematic Core

ENGL 120 Introduction to Literary Studies

ENGL 420 Senior Seminar: Craft and Critique - Capstone

Department Major Requirements

57 credits

Humanities Requirement (12)

Students must complete 12 credits of coursework in Social Justice Studies, Philosophy, Psychology, Sociology, Behavioral Science, History, Modern Languages, or Global Cultural Studies. 9 of the 12 credits must be taken at the 200-level (or higher). At least two different fields of study must be represented.

Language Sequence (9)

Must include a minimum of a two semester sequence in the same foreign language (courses in translation excluded) - 9 credits

Literary Arts Requirements

ENGL 252, 253, 254 OR 255 - 3 credits

ENGL 260, 261, 262 OR 263 - 3 credits

ENGL 335 History of the English Language OR

ENGL 302 Linguistics - 3 credits

ENGL 338 Literary Criticism - 3 credits

Choose eight courses: 5 of 6 themes must be represented. 3 credits may be at the 200-level.

Theme 1: Surveys

ENGL 250 World Literature: Drama, Poetry - 3 credits

ENGL 251 World Literature: Novels - 3 credits

ENGL 252 The Art of the Essay - 3 credits

ENGL 253 The Art of Poetry - 3 credits

ENGL 254 The Art of the Short Story - 3 credits

ENGL 255 Theoretical Approaches to the Study of Literature - 3 credits

ENGL 260 British Literature I - 3 credits

ENGL 261 British Literature II - 3 credits

ENGL 262 American Literature I - 3 credits

ENGL 263 American Literature II - 3 credits

Theme 2: Topics

ENGL 300 Topics 1 - 3 credits

ENGL 301 Topics 2 - 3 credits

Theme 3: Authors

ENGL 305 Authors 1 - 3 credits

ENGL 306 Authors 2 - 3 credits

Theme 4: Language and Theory

ENGL 302 Linguistics - 3 credits

ENGL 315 Language and Theory 1 - 3 credits

ENGL 316 Language and Theory 2 - 3 credits

ENGL 335 History of the English Language - 3 credits

Theme 5: Historical Period and Traditions

ENGL 340 Periods and Traditions 1 - 3 credits

ENGL 341 Periods and Traditions 2 - 3 credits
ENGL 342 Periods and Traditions 3 - 3 credits
ENGL 343 Periods and Traditions 4 - 3 credits
ENGL 344 Periods and Traditions 5 - 3 credits

Theme 6: Creative Writing

ENGL 200 Creative Writing - 3 credits
ENGL 365 Creative Nonfiction Workshop 1 - 3 credits
ENGL 366 Fiction Workshop 1 - 3 credits
ENGL 367 Poetry Workshop 1 - 3 credits
ENGL 401 Nonfiction Workshop 2 - 3 credits
ENGL 402 Nonfiction Workshop 3 - 3 credits
ENGL 403 Fiction Workshop 2 - 3 credits
ENGL 404 Fiction Workshop 3 - 3 credits
ENGL 405 Poetry Workshop 2 - 3 credits
ENGL 406 Poetry Workshop 3 - 3 credits
ENGL 411 Creative Nonfiction Workshop 4 - 3 credits
ENGL 412 Fiction Workshop 4 - 3 credits
ENGL 413 Poetry Workshop 4 - 3 credits

General Electives

21 credits

Minimum credits for B.A. degree

120 credits

Creative Writing

Creative Writing offers an opportunity for students with a passion for literature and the arts to develop their interest in writing through hands-on workshop classes and literary seminars.

Students pursuing the major in Creative Writing will complete a series of workshop courses intended to help them focus on practicing and refining their craft. Creative Writing students will also take a slate of broad-ranging and diverse literature courses so that they may constantly be engaging with the life of a literary text from the first draft's raw inspiration to the published work's ongoing vitality.

Bachelor of Arts Degree with a major in Creative Writing

Program Objective

1. Assess the technique of literary texts, attending to both writerly and readerly concerns, in order to demonstrate an understanding of craft as an analytical subject. (Craft)
2. Identify major genres, traditions, themes, forms, and periods or movements in literature and the arts and reflect an understanding of those genres' conventions. (Genres)
3. Write and revise texts in at least two genres emphasizing the integrity of the workshop process, the necessity of revision and editing, and the ongoing vitality of the text outside of the author's original intention. (Write/Revise)
4. Examine, identify, and adopt aesthetic principles based on study of model texts, workshop texts, and their own writing and place their own work within a larger tradition. (Aesthetic Development)
5. Compose a portfolio of work demonstrating their development as writers and critical thinkers working to master the Creative Writing program's essential skills and values, including craft and the recursive nature of the creative process. (Synthesis)

Core Requirements 42 credits

Required Courses in the Thematic Core

ENGL 200 Creative Writing

ENGL 420 Senior Seminar: Craft and Critique – Capstone

Department Major Requirements 57 credits

Humanities Requirement (12)

Students must complete 12 credits of coursework in Social Justice Studies, Philosophy, Psychology, Sociology, Behavioral Science, History, Modern Languages, or Global Cultural Studies. 9 of the 12 credits must be taken at the 200-level (or higher). At least two different fields of study must be represented.

Language Sequence (9)

Must include a minimum of a two semester sequence in the same foreign language (courses in translation excluded) - 12 credits

Literary Arts Requirements

ENGL 365 Creative Nonfiction Workshop 1 - 3 credits

ENGL 366 Fiction Workshop 1 - 3 credits

ENGL 367 Poetry Workshop 1 - 3 credits

Choose eight courses: 5 of 6 themes must be represented. 3 credits may be at the 200-level.

Theme 1: Surveys

ENGL 250 World Literature: Drama, Poetry, Epic - 3 credits

ENGL 251 World Literature: Novels - 3 credits

ENGL 252 The Art of Essay - 3 credits

ENGL 253 The Art of Poetry - 3 credits

ENGL 254 The Art of Short Story - 3 credits

ENGL 255 Theoretical Approaches to the Study of Literature - 3 credits

ENGL 260 British Literature I - 3 credits

ENGL 261 British Literature II - 3 credits

ENGL 262 American Literature I - 3 credits

ENGL 263 American Literature II - 3 credits

Theme 2: Topics

ENGL 300 Topics 1 - 3 credits

ENGL 301 Topics 2 - 3 credits

Theme 3: Authors

ENGL 305 Authors 1 - 3 credits

ENGL 306 Authors 2 - 3 credits

Theme 4: Language and Theory

ENGL 302 Linguistics - 3 credits

ENGL 315 Language and Theory 1 - 3 credits

ENGL 316 Language and Theory 2 - 3 credits

ENGL 335 History of the English Language - 3 credits

ENGL 338 Literary Criticism - 3 credits

Theme 5: Historical Period and Traditions

ENGL 340 Periods and Traditions 1 - 3 credits

ENGL 341 Periods and Traditions 2 - 3 credits
ENGL 342 Periods and Traditions 3 - 3 credits
ENGL 343 Periods and Traditions 4 - 3 credits
ENGL 344 Periods and Traditions 5 - 3 credits

Theme 6: Creative Writing

ENGL 401 Nonfiction Workshop 2 - 3 credits
ENGL 402 Nonfiction Workshop 3 - 3 credits
ENGL 403 Fiction Workshop 2 - 3 credits
ENGL 404 Fiction Workshop 3 - 3 credits
ENGL 405 Poetry Workshop 2 - 3 credits
ENGL 406 Poetry Workshop 3 - 3 credits
ENGL 411 Creative Nonfiction Workshop 4 - 3 credits
ENGL 412 Fiction Workshop 4 - 3 credits
ENGL 413 Poetry Workshop 4 - 3 credits

General Electives

21 credits

Minimum credits for B.A. degree

120 credits

Bachelor of Arts Degree with a major in Social Justice Studies

The interdisciplinary major in Social Justice Studies will prepare students to identify social problems, recognize a range of potential solutions to those problems, and work toward bringing about those solutions.

Program Objectives

1. Articulate major conceptualizations of social justice
2. Recognize, in various historical and contemporary cultural texts, iterations of social injustice
3. Identify, through classroom and practical experience, the ways in which particular forms of organizing and advocacy can be used toward bringing about social justice
4. Engage in writing as a tool for social justice advocacy
5. Develop an original research project related to social justice

Core Requirements

42 credits

Required Courses in the Thematic Core

SJS 101 Foundations of Social Justice - Understanding People - 3 credits
SJS 405 Social Justice Senior Thesis-Capstone - 3 credits

Department Major Requirements

60 credits

Lit Arts Sequence (12)

At least 9 credits must be at the 200+ level

Required in SJS Major (12)

SJS 150 Introduction to Cultural Anthropology **OR** 3 credits
 SJS 175 Introduction to Human Geography
CENG 250 Advocacy and Social Change - 3 credits
SJS 325 Global Political Economy - 3 credits
SJS 400 Social Justice and Community Research - 3 credits

Thematic Studies in Social Justice: 36 credits across three themes. Minimum of 9 credits per theme, no more than 15 credits in any one. 3 credits may be below 200- level.

Theme 1: Understanding Injustice

- SJS 150 Introduction to Cultural Anthropology - 3 credits
- SJS 175 Introduction to Human Geography - 3 credits
- SJS 200 Understanding Injustice 1 - 3 credits
- SJS 300 Understanding Injustice 2 - 3 credits
- CINE 302 Cinema Authors: Film and Politics - 3 credits
- SOCW 350 Sex, Gender and Identity Politics - 3 credits
- SJS 350 Advanced Social Theory - 3 credits

Theme 2: Articulating Social Justice

- SJS 201 Articulating Social Justice 1 - 3 credits
- SJS 301 Articulating Social Justice 2 - 3 credits
- CENG 300 Human Rights in Theory and Practice- 3
- CENG 300 Human Rights in Theory and Practice - 3 credits
- CENG 360 Feminist Theory - 3 credits
- SJS 370 Global Social Justice - 3 credits

Theme 3: Organizing, Advocacy and Direct Practice

- SJS 260 Economic Tools for Advocacy - 3 credits
- SJS 202 Organizing & Advocacy 1 - 3 credits
- SJS 302 Organizing & Advocacy 2 - 3 credits
- SJS 203 Direct Practice 1 - 3 credits
- SJS 303 Direct Practice 2 - 3 credits
- SOCW 326 Social Welfare Policy - 3 credits
- PSYC 348 Psychology of Diversity - 3 credits
- SJS 355 Social Innovation and Entrepreneurship - 3 credits
- SJS 401 Internship/Practicum - 3 credits

General Electives

18 credits

Minimum credits for B.A. degree

120 credits

Minors in Literary Arts

English Minor (18 credits)

Prerequisites:

ENGL 101 College Composition - 3 credits

Minor:

Choose one course:

- ENGL 120 Introduction to Literary Studies - 3 credits
- ENGL 250 World Literature: Drama, Poetry, Epic - 3 credits
- ENGL 251 World Literature: Novels - 3 credits
- ENGL 252 The Art of the Essay -3 credits

ENGL 253 The Art of Poetry -3 credits
ENGL 254 The Art of the Short Story -3 credits
ENGL 255 Theoretical Approaches to the Study of Literature -3 credits

Choose one course:

ENGL 260 British Literature I -3 credits
ENGL 261 British Literature II -3 credits
ENGL 262 American Literature I -3 credits
ENGL 263 American Literature II -3 credits

Choose three courses:

ENGL literature course (300+ level)

Choose one course:

ENGL course (200+level)

Creative Writing Minor (18 credits)

Literature Requirements

Choose two courses:

ENGL 252 The Art of the Essay - 3 credits
ENGL 253 The Art of Poetry- 3 credits
ENGL 254 The Art of the Short Story - 3 credits
ENGL 255 Approaches to the Study of Literature - 3 credits

Choose one course:

ENGL 308 Contemporary Literature - 3 credits
ENGL 261 British Literature II - 3 credits
ENGL 263 American Literature II - 3 credits

Writing Requirements

Choose two courses:

ENGL 365 Creative Nonfiction Workshop I - 3 credits
ENGL 366 Fiction Workshop I - 3 credits
ENGL 367 Poetry Workshop I - 3 credits

Choose one course:

ENGL 401 Creative Nonfiction Workshop I - 3 credits
ENGL 402 Creative Nonfiction Workshop II - 3 credits
ENGL 403 Fiction Workshop I - 3 credits
ENGL 404 Fiction Workshop II - 3 credits
ENGL 405 Poetry Workshop I - 3 credits
ENGL 406 Poetry Workshop II - 3 credits
ENGL 411 Creative Nonfiction Workshop IV- 3 credits
ENGL 412 Fiction Workshop IV -3 credits
ENGL 413 Poetry Workshop IV - 3 credits

Social Justice Studies Minor (18 credits)

SJS 101 Foundations of Social Justice- 3 credits

SJS 150 OR SJS 175 - 3 credits

SJS 325 OR SJS 350 - 3 credits

Three additional classes from those listed below- 9 credits

(One of which must be from Theme 2 AND Theme 3)

Theme 1: Understanding Injustice

SJS 150 Introduction to Cultural Anthropology - 3 credits

SJS 175 Introduction to Human Geography - 3 credits

SJS 200 Understanding Injustice 1 - 3 credits

SJS 300 Understanding Injustice 2 - 3 credits

CINE 302 Cinema Authors: Film and Politics - 3 credits

SOCW 350 Sex, Gender and Identity Politics - 3 credits

SJS 350 Advanced Social Theory - 3 credits

Theme 2: Articulating Social Justice

SJS 201 Articulating Social Justice 1 - 3 credits

SJS 301 Articulating Social Justice 2 - 3 credits

CENG 300 Human Rights in Theory and Practice - 3 credits

CENG 360 Feminist Theory - 3 credits

SJS 370 Global Social Justice - 3 credits

Theme 3: Organizing, Advocacy and Direct Practice

SJS 260 Economic Tools for Advocacy - 3 credits

SJS 202 Organizing & Advocacy 1 - 3 credits

SJS 302 Organizing & Advocacy 2 - 3 credits

SJS 203 Direct Practice 1 - 3 credits

SJS 303 Direct Practice 2 - 3 credits

SOCW 326 Social Welfare Policy - 3 credits

PSYC 348 Psychology of Diversity - 3 credits

SJS 355 Social Innovation and Entrepreneurship - 3 credits

SJS 401 Internship/Practicum - 3 credits

The Department of Natural Sciences, Engineering and Technology

Professors: Robert Draper, M.Sc., M.S.N.E.; Laura Frost, Ph.D.; Robert Garson, Ph.D.; Donald Keller, Ph.D.; Diane Krill, Ph.D.; Mark Marnich, Ed.D., Matthew Opdyke, Ph.D.

Associate Professors: Gregg Johnson (Chair), Ph.D.; Matthew Pascal, Ph.D.; Daniel Reed, M.S.

Assistant Professors: Brendan Mullan, Ph.D.; Pattabhiraju Mundru, Ph.D., Aram Parsa, Ph.D.;

Instructors: Anthony Gaglierd, B.A.; Kristy Long, M.S.; Rebekah Young, M.S..

The Department of Natural Sciences, Engineering and Technology has programs in the following areas of study: Biological Sciences, Pre-Medical and Health-Related Professions program, Specialized Funeral Services, Civil Engineering Technology, Electrical Engineering, Electrical Engineering Technology, Mechanical Engineering, and Mechanical Engineering Technology. These programs leading to the Bachelor of Science degree provide the specialized education needed for a career along with a substantial general education to enable graduates to pursue advanced degrees and to relate their technical and scientific knowledge to humanistic, social and cultural activities. A close association between the technical and scientific disciplines within the department allows for a meaningful alliance between application and theory.

The programs leading to the Bachelor of Science degree with majors in Civil, Electrical and Mechanical Engineering Technology are accredited by the Engineering Technology Accreditation Commission of ABET (www.abet.org).

All NSET students must complete the 100-level courses in the Department General Requirements and Major Requirements before registering for any 400-level courses in their major.

Biological Sciences

The program leading to the Bachelor of Science degree with a major in Biological Sciences offers four concentrations; Bioinformatics, Cellular/Molecular Biology, Environmental and Organismal Biology. The program is designed to provide an introduction to the breadth of the field and allow students to focus study in one concentration. The concentrations promote deeper learning in the chosen area of study to prepare students for graduate or professional school or to embark upon a career path. The curriculum encourages students to participate in available internships with various agencies, including government and industry. A minor in a complementary area is highly recommended.

Program Objectives

1. Recognize structure-function relationship in biological systems including membranes, nucleic acids, proteins, cells and organelles.
2. Relate the principles of cellular energetics.
3. Describe how mutation leads to evolution and species diversity.
4. Distinguish the processes involved in duplication, expression and inheritance of genetic material.
5. Compare and contrast major biological characteristics of prokaryotic and eukaryotic cells including:
 - a. Cell structures
 - b. Replication, inheritance/recombination, expression and regulation of gene expression
 - c. Relate methods of microbial control, including physical, chemical and chemotherapeutic
6. Evaluate, interpret and discuss scientific journal articles.
7. Plan, design and execute an experiment following the tenets of the scientific method.
8. Communicate effectively in both written and oral formats.

9. Demonstrate proficiency in the lab with the following:
 - a. Microscopy
 - b. Basic analysis of DNA and proteins
 - c. Field and environmental techniques
 - d. Lab safety
10. Characterize the roles of humans in and on the environment.

Bachelor of Science Degree with a major in Biological Sciences

Core Requirements	42 credits
Required Courses in the Thematic Core	
CHEM 101 General Chemistry I - Investigate Science	
MATH 180 College Algebra - Investigate Mathematics	
BIOL 449 Biology Seminar - Capstone	
Department General Requirements	28 credits
BIOL 101 General Biology I - 3 credits	
BIOL 102 General Biology II - 3 credits	
BIOL 103 General Biology Laboratory I - 1 credit	
BIOL 104 General Biology Laboratory II - 1 credit	
CHEM 102 General Chemistry - 3 credits	
CHEM 103 General Chemistry Laboratory I - 1 credit	
CHEM 104 General Chemistry Laboratory II - 1 credit	
MATH 175 Elementary Statistics - 3 credits	
MATH 190 Calculus I - 4 credits	
PHYS 101 Physics I - 3 credits	
PHYS 102 Physics II - 3 credits	
PHYS 103 Physics Laboratory I - 1 credit	
PHYS 104 Physics Laboratory II - 1 credit	
Department Major Requirements	26 credits
BIOL 205 Botany OR	
BIOL 206 Zoology - 3 credits	
BIOL 210 Evolution OR	
BIOL 235 Ecology - 3 credits	
BIOL 216 Introductory Microbiology - 4 credits	
BIOL 222 Introduction to Genetics - 4 credits	
BIOL 350 Molecular/Cellular Biology - 4 credits	
CHEM 221 Organic Chemistry - 3 credits	
CHEM 222 Organic Chemistry/Biochemistry - 3 credits	
CHEM 223 Organic Chemistry Laboratory - 2 credits	
Choose a Concentration	12-14 credits
Bioinformatics Concentration	
ET 204 Programming for Engineering Technology- 3 credits	

BTEC 300 Receptors, Signaling Pathways, and Cellular Control Mechanisms- 3 credits

BTEC 310 Bioinformatics- 3 credits

BTEC 450 Drug Discovery and Development- 3 credits

Cellular /Molecular Concentration

BIOL 320 Biochemistry - 3 credits

BIOL 365 Developmental Biology - 3 credits

BIOL 420 Immunology - 3 credits

BTEC 300 Receptors, Signaling Pathways, and Cellular Control Mechanisms - 3 credits

Environmental Concentration

BIOL 205 Botany- 3 credits

BIOL 235 Introduction to Ecology- 3 credits

BIOL 341 Environmental Health- 3 credits

BIOL 443 Application in Environmental Science- 3 credits

Organismal Concentration

BIOL 206 Zoology - 3 credits

BIOL 225 Anatomy and Physiology I - 4 credits

BIOL 226 Anatomy and Physiology II - 4 credits

BIOL 410 Comparative Vertebrate Anatomy - 3 credits

Directed Electives

6 credits

General Electives

6 credits

Minimum credits for B.S. degree

120-122 credits

Pre-Medical and Health-Related Professions Program

The Pre-Medical and Health-Related Professions program serves students of all majors. Students are advised by faculty advisors who assist them in tailoring a curriculum that meets all prerequisite courses/requirements for their chosen programs/schools. As medical schools, physician assistant programs and other programs can vary widely in their admissions requirements, students need attentive advising and need to identify target programs fairly early on in their undergraduate programs. This program also serves students who wish to study veterinary medicine, or attend any graduate program in the medical/health professions.

The program committee will serve as the primary point of contact for affiliate programs like Lake Erie College of Osteopathic Medicine (LECOM) and for admission of students into the program. All student updates, GPA confirmations, student inquiries and committee letters will also be the responsibility of the Committee.

Admittance into the program is directed by the committee and the criteria to remain in the program includes maintaining a GPA of 3.0 or higher, and remaining in good academic and social standing within the University.

Electrical Engineering

The program leading to the Bachelor of Science degree in Electrical Engineering prepares graduates for immediate employment throughout the engineering enterprise and for further study in a wide variety of analytical and creative fields including engineering, law, business, and technical communication.

The first three years of the program include a sequence of required electrical engineering courses as well as several mathematics and science courses that provide critical background for the major. All of these courses must be taken on the schedule recommended by the faculty in order for full-time students to finish the program within four academic years. The senior year in the program is devoted to the study of four technical electives and to the completion of a full-year capstone design experience.

The Bachelor of Science degree program in Electrical Engineering has been designed in full compliance with applicable criteria of the Engineering Accreditation Commission of ABET (www.abet.org). The program is not yet accredited by ABET, but the faculty intend to pursue accreditation at the earliest possible time after graduates are produced. This accreditation, once granted, will be applied retroactively so that all graduates will hold a degree from an accredited program.

The program adheres to the principles and practices of outcomes-based education. Routine use of assessment and evaluation provide for a process of continuous improvement and responsiveness to all stakeholders. The operating statements of outcomes-based education are the program educational objectives and the student outcomes as described below.

Program Educational Objectives

Program educational objectives are statements of the knowledge and skills that recent graduates of an educational program are expected to demonstrate in their personal and professional lives. The faculty in consultation with the program's industrial advisory committee have established the four objectives listed below for graduates of the Bachelor of Science degree program in Electrical Engineering. These objectives are reviewed regularly to ensure that they continue to express the core values of the program and the needs of the engineering profession.

1. Graduates will apply their knowledge and skills in service to their professions.
2. Graduates will communicate and collaborate effectively in both professional and social settings.
3. Graduates will improve their knowledge and skills through additional formal education, participation in learned societies, and pursuit of professional licensure.
4. Graduates will consider the legal, ethical, and social implications of their work.

Student Learning Outcomes

Student outcomes are statements of the knowledge and skills that students in an educational program are expected to demonstrate by the time of graduation. The faculty have established the 12 outcomes listed below for students pursuing a Bachelor of Science degree program in Electrical Engineering. Students' success in achieving these outcomes is measured regularly using a variety of assessment tools such as in-class problems and surveys.

1. Students will analyze and design electrical systems, components and processes.
2. Students will test electrical systems, components and processes, analyze the resulting data, and make iterative improvements.
3. Students will develop computer hardware and software to support the analysis, design and operation of electrical systems, components, and processes.
4. Students will solve engineering problems by using standard formulas, graphs, tables, and software while recognizing the limitations of these techniques.
5. Students will solve engineering problems by applying principles of mathematics, science, and engineering.

6. Students will collaborate in laboratory and classroom settings to fulfill technical requirements in a timely manner.
7. Students will produce clear, precise, and effective technical documents and oral presentations.
8. Students will plan and manage technical projects.
9. Students will be prepared to grow professionally through independent learning, continuing education, and participation in technical societies.
10. Students will take the Fundamentals of Engineering examination as the first step toward professional licensure.
11. Students will be familiar with the laws and codes governing professional practice.
12. Students will understand their personal and professional roles in society.

Bachelor of Science Degree with a major in Electrical Engineering

Core Requirements

42 credits

Required Courses in the Thematic Core

CHEM 101 General Chemistry I - Investigate Science

EGR 402 Engineering Design II - Capstone

MATH 190 Calculus I - Investigate Mathematics + 1 departmental credit

NSET 101 Introduction to the Natural Sciences and Engineering Technology - Discover Technology

Department Major Requirements

89 credits

CHEM 103 General Chemistry Laboratory I - 1 credit

EE 101 Circuit Analysis I - 3 credits

EE 102 Circuit Analysis II - 3 credits

EE 103 Circuit Analysis Laboratory I - 1 credit

EE 104 Circuit Analysis Laboratory II - 1 credit

EE 221 Electronics I - 4 credits

EE 222 Electronics II - 4 credits

EE 331 Electrical Power I - 4 credits

EE 332 Electrical Power II - 4 credits

EE 351 Digital Electronics I - 3 credits

EE 352 Microprocessors I - 3 credits

EE 375 Signals and Systems - 4 credits

EGR 401 Engineering Design I - 3 credits

ET 204 Programming for Engineering Technology - 3 credits

ET 405 Fundamentals of Engineering Examination I - 0 credits

ET 406 Fundamentals of Engineering Examination II - 0 credits

MATH 210 Calculus II - 4 credits

MATH 230 Linear Algebra I - 3 credits

MATH 300 Calculus III - 4 credits

MATH 310 Differential Equations - 3 credits

MATH 330 Mathematical Statistics - 3 credits

MET 101 Statics - 3 credits

MET 102 Dynamics - 3 credits

PHYS 103 Physics Laboratory I - 1 credit

PHYS 104 Physics Laboratory II - 1 credit

PHYS 201 Fundamentals of Physics I - 3 credits

PHYS 202 Fundamentals of Physics II - 3 credits

Technical Electives (minimum of 16 credits from the following):

- EE 415 Electromagnetics - 4 credits
- EE 425 Power Electronics - 4 credits
- EE 435 Electrical Distribution Systems - 4 credits
- EE 445 Control Systems - 4 credits
- EE 455 Digital Electronics II - 4 credits
- EE 465 Communication Electronics - 4 credits
- EE 467 Digital Signal Processing - 4 credits

Minimum credits for B.S. degree

131 credits

Mechanical Engineering

The program leading to the Bachelor of Science degree in Mechanical Engineering prepares graduates to make an immediate and substantial contribution as they enter the work force as professional engineers. The emphasis is on acquiring the wide variety of analytic and creative skills required by an engineer. Due attention is also paid to aspects of law and business practice.

The first three years of the program include a sequence of required mechanical engineering courses as well as several mathematics and science courses that provide critical background for the major. All of these courses must be taken on the schedule recommended by the faculty in order for full-time students to finish the program within four academic years.

The Bachelor of Science degree program in Mechanical Engineering has been designed in full compliance with applicable criteria of the Engineering Accreditation Commission of ABET (www.abet.org). The program is not yet accredited by ABET, but the faculty intend to pursue accreditation at the earliest possible time after graduates are produced. This accreditation, once granted, will be applied retroactively so that all graduates will hold a degree from an accredited program.

The program adheres to the principles and practices of outcomes-based education. Routine use of assessment and evaluation provide for a process of continuous improvement and responsiveness to all stakeholders. The operating statements of outcomes-based education are the program educational objectives and the student outcomes as described below.

Program Educational Objectives

1. Graduates will have the basic knowledge and fundamental concepts required by a practicing mechanical engineer.
2. Graduates will show competency in using modern tools for design and analysis.
3. Graduates will demonstrate strong problem solving skills.
4. Graduates will possess effective oral and written communication skills.
5. Graduates will be committed to lifelong learning and self-improvement.
6. Graduates will understand the role and responsibilities of a mechanical engineer in society.

Student Learning Outcomes

Student outcomes are statements of knowledge and skills that students are expected to demonstrate by the time of graduation. These outcomes are derived from the program educational objectives but are more specific because they describe demonstrable abilities that can be observed and assessed by the faculty. As with the program educational objectives, the student outcomes are developed by the internal and external constituencies of the program.

1. Students will analyze and design structural systems.
2. Students will analyze and design mechanical systems in motion.
3. Students will analyze and design thermal systems and processes.
4. Students will use engineering software in design and analysis and will create engineering software.
5. Students will apply mathematics, physics, chemistry and material properties.
6. Students will collaborate in classroom and laboratory settings.
7. Students will produce effective documents and oral presentations.
8. Students will plan and manage technical projects.
9. Students will grow professionally through independent learning.
10. Students will take the Fundamentals of Engineering examination as a first-step towards professional licensure.
11. Students will have knowledge of professional laws and codes.
12. Students will understand the personal and professional roles of an engineer in society.

Bachelor of Science Degree with a major in Mechanical Engineering

Core Requirements

42 credits

Required Courses in the Thematic Core

CHEM 101 General Chemistry I - Investigate Science

EGR 402 Engineering Design II - Capstone

NSET 101 Introduction to the Natural Sciences and Engineering Technology - Discover Technology

Department Major Requirements

90 credits

CHEM 102 General Chemistry II - 3 credits

CHEM 103 General Chemistry Laboratory I - 1 credit

CHEM 104 General Chemistry Laboratory II - 1 credit

EE 101 Circuit Analysis I - 3 credits

EE 102 Circuit Analysis II - 3 credits

EE 103 Circuit Analysis Laboratory I - 1 credit

EE 104 Circuit Analysis Laboratory II - 1 credit

EGR 401 Engineering Design I - 3 credits

ET 204 Programming for Engineering Technology - 3 credits

ET 405 Fundamentals of Engineering Examination I - 0 credits

ET 406 Fundamentals of Engineering Examination II - 0 credits

MATH 181 Pre-Calculus - 4 credits

MATH 190 Calculus I (Investigate Mathematics + 1 credit) - 1 credits

MATH 210 Calculus II - 4 credits

MATH 230 Linear Algebra I - 3 credits

MATH 300 Calculus III - 4 credits

MATH 310 Differential Equations - 3 credits

MATH 330 Mathematical Statistics - 3 credits

ME 101 Statics - 3 credits

ME 102 Dynamics - 3 credits

ME 212 Properties of Materials - 3 credits

ME 213 Strength of Materials - 3 credits

ME 214 Strength of Materials Lab- 1 credit

ME 215 Thermodynamics - 3 credits
ME 320 Kinematics of Machine Element - 4 credits
ME 331 Engineering Design Using Pro/ENGINEER - 3 credits
ME 405 Heat Transfer - 4 credits
ME 406 Heat Transfer - 1 credit
ME 411 Fluid Mechanics - 3 credits
ME 412 Fluid Mechanics Lab- 1 credit
ME 416 Mechanical Vibrations - 3 credits
ME 421 Machine Design Theory and Project - 4 credits
ME 424 Finite Element Analysis - 3 credits
ME 425 FEA with ANSYS - 2 credits
PHYS 103 Physics Laboratory I - 1 credit
PHYS 104 Physics Laboratory II - 1 credit
PHYS 201 Fundamentals of Physics I - 3 credits
PHYS 202 Fundamentals of Physics II - 3 credits

Minimum credits for B.S. degree

134 credits

Engineering Technology

The programs leading to the Bachelor of Science degree offer three majors: Civil, Electrical, and Mechanical Engineering Technology. These programs are designed to develop the knowledge and skills necessary to use, manage, and improve existing technologies.

All Engineering Technology majors study a common core curriculum of science, technology, and humanities courses. Advanced technical courses specific to the major are generally taken during the last three years of the program. Technical courses are offered sequentially by terms; hence, the failure to schedule them as offered may delay progress in fulfilling degree requirements.

During their senior year, Engineering Technology students will take the Fundamentals of Engineering examination, the first step toward registration as a Professional Engineer with the State Registration Board for Professional Engineers of the Commonwealth of Pennsylvania. Engineering Technology majors must maintain a 2.25 G.P.A. in their Department General Requirements and Department Major Requirements.

Civil Engineering Technology

Upon graduation, a graduate of the Bachelor of Science degree program in Civil Engineering Technology should be capable of successfully carrying out the duties of a Civil Engineering Technologist. The following program educational objectives list the abilities a successful Civil Engineering Technologist will possess within a few years after graduation.

Program Educational Objectives

1. Graduates will apply their knowledge and skills in service to their professions.
2. Graduates will communicate and collaborate effectively in both professional and social settings.
3. Graduates will improve their knowledge and skills through additional formal education, participation in learned societies, and pursuit of professional licensure.
4. Graduates will consider the legal, ethical, and social implications of their work.

Graduates of the Bachelor of Science degree program in Civil Engineering Technology are well-prepared to undertake positions of technical and managerial responsibility in industry and government and to continue

their education in graduate school. To ensure this high level of preparation, faculty in the program emphasize the need for students to acquire, practice, and demonstrate a core group of skills called outcomes.

Student Learning Outcomes

1. An ability to apply knowledge techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline;
2. An ability to design systems, components, or processes meeting specified needs for broadly-defined engineering problems appropriate to the discipline;
3. An ability to apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature;
4. An ability to conduct standard tests, measurements, and experiment and to analyze and interpret the results to improve processes; and
5. An ability to function effectively as a member as well as a leader on technical teams.

Every technical course, required or elective, has prerequisites that a student must satisfy before enrolling in the course. Therefore, students are encouraged to consult with their academic advisors frequently and to plan their programs of study carefully to ensure that they make steady and satisfactory progress toward completion of their degrees.

Bachelor of Science Degree with a major in Civil Engineering Technology

The program leading to the Bachelor of Science degree with a major in Civil Engineering Technology is accredited by the Engineering Technology Accreditation Commission of ABET (www.abet.org).

Core Requirements

43 credits

Required Courses in the Thematic Core

CHEM 101 General Chemistry I - Investigate Science

ET 407 Professional Problems in Engineering Technology - Capstone

MATH 190 Calculus I - Investigate Mathematics

NSET 101 Introduction to the Natural Sciences and Engineering Technology - Discover Technology

Department Major Requirements

87 credits

CET 205 Introduction to Surveying - 3 credits

CET 206 Environmental Engineering Technology I - 3 credits

CET 209 Engineering Geology - 3 credits

CET 213 Strength of Materials - 3 credits

CET 214 Strength of Materials Laboratory - 1 credit

CET 309 Soil Mechanics - 3 credits

CET 310 Structural Analysis - 3 credits

CET 315 Structural Design I, - 3 credits

CET 316 Structural Design II - 3 credits

CET 317 Concrete Mix Design Laboratory - 1 credit

CET 319 Soil Mechanics Laboratory - 1 credit

CET 405 Software Tools for Civil Engineering Technologists - 2 credits

CET 411 Fluid Mechanics - 3 credits

CET 412 Fluid Mechanics Laboratory - 1 credit

CHEM 102 General Chemistry II - 3 credit

CHEM 103 General Chemistry Laboratory I - 1 credit
CHEM 104 General Chemistry Laboratory II - 1 credit
ET 405 Fundamentals of Engineering Examination I - 0 credits
ET 406 Fundamentals of Engineering Examination II - 0 credits
ETGR 205 Engineering Technology Graphics - 3 credits
MATH 181 Pre-Calculus - 3 credits
MATH 210 Calculus II - 4 credits
MATH 230 Linear Algebra I OR
MATH 310 Differential Equations - 3 credits
MATH 330 Mathematical Statistics - 3 credits
ME 101 Statics - 3 credits
ME 102 Dynamics - 3 credits
ME 212 Properties of Materials - 3 credits
NSET 218 Technical Communications - 3 credits
PHYS 103 Physics Laboratory I - 1 credit
PHYS 104 Physics Laboratory II - 1 credit
PHYS 201 Fundamentals of Physics I - 3 credits
PHYS 202 Fundamentals of Physics II - 3 credits

Minimum credits for B.S. degree

130 credits

Electrical Engineering Technology

Program educational objectives are statements of the knowledge and skills that recent graduates of an educational program are expected to demonstrate in their personal and professional lives. The faculty in consultation with the program's industrial advisory committee have established the four objectives listed below for graduates of the Bachelor of Science degree program in Electrical Engineering Technology. These objectives are reviewed regularly to ensure that they continue to express the core values of the program and the needs of the engineering profession.

Program Educational Objectives

1. Graduates will apply their knowledge and skills in service to their professions.
2. Graduates will communicate and collaborate effectively in both professional and social settings.
3. Graduates will improve their knowledge and skills through additional formal education, participation in learned societies, and pursuit of professional licensure.
4. Graduates will consider the legal, ethical, and social implications of their work.

Student outcomes are statements of the knowledge and skills that students in an educational program are expected to demonstrate by the time of graduation. The faculty have established the 12 outcomes listed below for students pursuing a Bachelor of Science degree program in Electrical Engineering Technology. Students' success in achieving these outcomes is measured regularly using a variety of assessment tools such as in-class problems and surveys.

Student Learning Outcomes

1. Students will analyze and design electrical systems, components and processes.
2. Students will test electrical systems, components and processes, analyze the resulting data, and make iterative improvements.

3. Students will develop computer hardware and software to support the analysis, design and operation of electrical systems, components, and processes.
4. Students will solve engineering technology problems by using standard formulas, graphs, tables, and software while recognizing the limitations of these techniques.
5. Students will solve engineering technology problems by applying principles of mathematics, science, and engineering.
6. Students will collaborate in laboratory and classroom settings to fulfill technical requirements in a timely manner.
7. Students will produce clear, precise, and effective technical documents and oral presentations.
8. Students will plan and manage technical projects.
9. Students will be prepared to grow professionally through independent learning, continuing education, and participation in technical societies.
10. Students will understand the benefits of registration as a professional engineer and will take the Fundamentals of Engineering examination.
11. Students will be familiar with the laws and codes governing professional practice.
12. Students will understand their personal and professional roles in society.

Every technical course, required or elective, has prerequisites that a student must satisfy before enrolling in the course. Therefore, students are encouraged to consult with their academic advisors frequently and to plan their programs of study carefully to ensure that they make steady and satisfactory progress toward completion of their degrees.

During their senior year, students in the Electrical Engineering Technology B.S. program are required to take the Fundamentals of Engineering examination, which is the first step toward registration as a professional engineer with the State Registration Board for Professional Engineers of the Commonwealth of Pennsylvania. This registration is highly regarded by government and industrial employers as positive evidence that a graduate possesses both the academic and experience qualifications needed to practice the profession of engineering.

Bachelor of Science Degree with a major in Electrical Engineering Technology

The program leading to the Bachelor of Science degree with a major in Electrical Engineering Technology is accredited by the Engineering Technology Accreditation Commission of ABET (www.abet.org).

Core Requirements

42 credits

Required Courses in the Thematic Core

CHEM 101 General Chemistry I – Investigate Science

ET 407 Professional Problems in Engineering Technology – Capstone

MATH 180 College Algebra – Investigate Mathematics

NSET 101 Introduction to the Natural Sciences and Engineering Technology – Discover Technology

Department General Requirements

32-33 credits

CHEM 103 General Chemistry Laboratory I - 1 credit

CHEM 104 General Chemistry Laboratory II - 1 credit

MATH 185 Trigonometry - 2 credits

MATH 190 Calculus I - 4 credits

MATH 210 Calculus II - 4 credits

MATH 230 Linear Algebra I - 3 credits

MATH 310 Differential Equations - 3 credits

MATH 300 Calculus III (4 cr.) OR
MATH 330 Mathematical Statistics (3 cr.) - 3 or 4 credits
NSET 218 Technical Communication - 3 credits
PHYS 103 Physics Laboratory I - 1 credit
PHYS 104 Physics Laboratory II - 1 credit
PHYS 201 Fundamentals of Physics I - 3 credits
PHYS 202 Fundamentals of Physics II - 3 credits

Department Major Requirements

57 credits

EET 102 Direct Current Circuits - 3 credits
EET 103 Alternating Current Circuits - 3 credits
EET 104 Direct Current Circuits Laboratory - 1 credit
EET 105 Alternating Current Circuits Laboratory - 1 credit
EET 200 Basic Electronics - 4 credits
EET 201 Electronic Circuits - 4 credits
EET 215 Digital Electronics I - 3 credits
EET 216 Microprocessors I - 3 credits
EET 327 Electrical Power Technology I - 3 credits
EET 328 Electrical Power Technology II - 3 credits
ET 204 Programming for Engineering Technology - 3 credits
ET 405 Fundamentals of Engineering Examination I - 0 credits
ET 406 Fundamentals of Engineering Examination II - 0 credits
ETGR 205 Engineering Technology Graphics - 3 credits
MET 101 Statics - 3 credits
MET 102 Dynamics - 3 credits

Technical Electives (minimum of 14 credits from the following):

EET 305 Communication Electronics - 4 credits
EET 348 Control Systems I - 4 credits
EET 401 Field Theory and Microwaves - 4 credits
EET 415 Digital Electronics II - 3 credits
EET 416 Microprocessors II - 3 credits
EET 421 Electrical Power Systems - 3 credits
EET 426 Commercial Electrical Design - 3 credits
EET 448 Control Systems II - 4 credits
EET 495 Special Topics in Electrical Engineering Technology III - 1-6 credits
EET 496 Independent Study in Electrical Engineering Technology III - 1-6 credits

Minimum credits for B.S. degree

131-132 credits

Mechanical Engineering Technology

Program educational objectives are statements of the knowledge and skills that recent graduates of an educational program are expected to demonstrate in their personal and professional lives. Point Park University faculty, in consultation with the program's industrial advisory committee, have established the 11 objectives listed below for graduates of the Bachelor of Science degree program in mechanical engineering technology.

Program Educational Objectives

1. Employers rate our graduates as highly valued by virtue of their acquired excellent technical knowledge.
2. Employers rate our graduates as highly valued due to superior ability to apply knowledge.
3. Employers rate our graduates as highly valued by virtue of their broad and current skill set.
4. Employers rate our graduates as highly valued by the virtue of their ability to initiate improvements to existing practice and respond to changing circumstances.
5. Employers rate our graduates as highly valued by virtue of their ability to think creatively.
6. Employers rate highly the graduate's job performance as a team member when involved in collective problem solving activities and project work.
7. Graduates project confidence in their dealings with others by virtue of a broad liberal aspect of their education.
8. Graduates demonstrate attention to detail and a high regard for quality.
9. Graduates pursue a second degree and/or a higher degree.
10. Employers rate our graduates as highly valued by virtue of progress toward a license to legally certify their work and that of others within the company.
11. Graduates benefit from involvement in ASME by virtue of the social consciousness which the society promotes among engineers and technologists.

The curriculum outlined below endows the graduate with the knowledge and expertise that are required in order to function as a skillful, effective and ethical mechanical engineering technologist. Upon completion of the degree, graduates are able to use the most modern analytical tools. Graduates are highly valued by their employers and are well-equipped to fill leading technical and managerial positions.

The necessary high level of preparation is ensured by the graduate, while as a student, acquiring a set of core skills (outcomes). Progress towards student attainment of the outcomes is continually monitored by the program faculty.

Student Learning Outcomes

1. Analyze and design structural systems.
2. Analyze and design mechanical systems in motion.
3. Analyze and design thermal systems and processes.
4. Use engineering software in design and analysis and create engineering software.
5. Apply mathematics, physics, chemistry, and material properties.
6. Collaborate in lab and classroom settings.
7. Produce effective documents and oral presentations.
8. Plan and manage technical projects.
9. Grow professionally through independent learning.
10. Take the Fundamentals of Engineering Examination as a first step towards licensure.
11. Know professional laws and codes.
12. Understand the personal and professional roles of an engineering technologist in society.

Every technical course, required or elective, has prerequisites that a student must satisfy before enrolling in the course. Therefore, students are encouraged to consult with their academic advisors frequently and to plan their programs of study carefully to ensure that they make steady and satisfactory progress toward completion of their degrees.

During their senior year, students in the Mechanical Engineering Technology B.S. program are required to take the Fundamentals of Engineering examination, which is the first step toward registration as a Professional Engineer with the State Registration Board for Professional Engineers of the Commonwealth of Pennsylvania. This registration is highly regarded by government and industrial employers as positive evidence that a graduate possesses both the academic and experience qualifications needed to practice the profession of engineering.

Bachelor of Science Degree with a major in Mechanical Engineering Technology

The program leading to the Bachelor of Science degree with a major in Mechanical Engineering Technology is accredited by the Engineering Technology Accreditation Commission of ABET (www.abet.org)

Core Requirements **42 credits**

Required Courses in the Thematic Core

CHEM 101 General Chemistry I - Investigate Science
ET 407 Professional Problems in Engineering Technology - Capstone
MATH 180 College Algebra - Investigate Mathematics
NSET 101 Introduction to the Natural Sciences and Engineering Technology - Discover Technology

Department General Requirements **32 credits**

CHEM 102 General Chemistry II - 3 credits
CHEM 103 General Chemistry Laboratory I - 1 credit
CHEM 104 General Chemistry Laboratory II - 1 credit
MATH 175 Elementary Statistics - 3 credits
MATH 185 Trigonometry - 2 credits
MATH 190 Calculus I - 4 credits
MATH 210 Calculus II - 4 credits
MATH 230 Linear Algebra I OR
MATH 310 Differential Equations - 3 credits
NSET 218 Technical Communication - 3 credits
PHYS 103 Physics Laboratory I - 1 credit
PHYS 104 Physics Laboratory II - 1 credit
PHYS 201 Fundamentals of Physics I - 3 credits
PHYS 202 Fundamentals of Physics II - 3 credits

Department Major Requirements **57 credits**

EET 102 Direct Current Circuits - 3 credits
EET 103 Alternating Current Circuits - 3 credits
EET 104 Direct Current Circuits Laboratory - 1 credit
EET 105 Alternating Current Circuits Laboratory - 1 credit
ET 204 Programming for Engineering Technology - 3 credits
ET 405 Fundamentals of Engineering Examination I - 0 credits
ET 406 Fundamentals of Engineering Examination II - 0 credits
ETGR 205 Engineering Technology Graphics - 3 credits
MET 101 Statics - 3 credits
MET 102 Dynamics - 3 credits
MET 212 Properties of Materials - 3 credits

MET 213 Strength of Materials - 3 credits
MET 214 Strength of Materials Laboratory - 1 credit
MET 215 Thermodynamics - 3 credits
MET 320 Kinematics of Machine Elements - 4 credits
MET 331 Engineering Design Using Pro/ENGINEER® - 3 credits
MET 405 Heat Transfer - 4 credits
MET 411 Fluid Mechanics - 3 credits
MET 412 Fluid Mechanics Laboratory - 1 credit
MET 416 Mechanical Vibrations - 3 credits
MET 421 Machine Design: Theory and Project - 4 credit+s
MET 424 Finite Element Analysis (FEA) - 3 credits
MET 425 FEA with ANSYS® - 2 credits

Minimum credits for B.S. degree

131 credits

Integrated 4+1 Bachelor of Science/Master of Science in Engineering Management

In this new integrated program, Point Park University undergraduates in Electrical Engineering, Electrical Engineering Technology, Mechanical Engineering, Mechanical Engineering Technology, and Civil Engineering Technology may obtain a Master of Science degree in Engineering Management after only five years of full-time study. This unique program will allow Point Park students to apply to the Master of Science program in the second semester of their junior year or the first semester of their senior year. If accepted, during the second semester of their senior year they will take 6-9 credits of graduate classes. Their admission will be conditional upon successful completion of the graduate credits. In their fifth year, they will take the remaining 21-24 credits graduate course work.

Transfer Programs in Engineering Technology

These programs are offered to graduates of community colleges and technical institutes who have received an Associate in Science or an Associate in Specialized Technology degree in areas related to Engineering Technology. Based on individual evaluations, as many as 70 credits may be applied to the Bachelor of Science degree program in Civil, Electrical or Mechanical Engineering Technology.

Specialized Professional Studies – Funeral Service

Point Park University in cooperation with the Pittsburgh Institute of Mortuary Science offers two programs in Specialized Professional Studies – Funeral Service; a Bachelor of Science degree requiring 3 years of study at Point Park and one year of study at the Pittsburgh Institute of Mortuary Science; and a capstone programs requiring study at the Pittsburgh Institute of Mortuary Science followed by one year of study at Point Park.

Students from mortuary schools other than the Pittsburgh Institute of Mortuary Science may enter the program but their previous studies will be evaluated on an individual basis and the number of transferable credits cannot exceed 90, and may be considerably less than 90. The completion of additional course work at Point Park University as designated by the department will be required in such instances.

Bachelor of Science Degree with a major in Specialized Professional Studies – Funeral Service

The traditional funeral service program begins at Point Park University. After earning 72 credits at Point Park, you will attend PIMS to complete the 12-month, three-trimester diploma program. Upon completion of

requirements at both schools, you will graduate with a Bachelor of Science degree. Concentrations are available in Health and Science or Business Administration.

Program Objectives

1. Demonstrate breadth of knowledge in the psychological, biological, and managerial aspects of the funeral service profession.
2. Communicate through oral and written means the relevant issues of practice within the funeral service profession.
3. Assess the role and responsibilities of Funeral Directors, Embalmers and Pre-Need Counselors within society.
4. Advance within the profession or proceed to graduate level education.

Core Requirements

42 credits

(21 credit core equivalencies from PIMS)

- ENGL 101 College Composition - 3 credits
- UNIV 101 City-University Life - 3 credits
- PHIL 215 World Religions - 3 credits
- Investigate Mathematics - 3 credits
- Interpret Creative Works - 3 credits
- PSYC 150 Psychological Foundations - 3 credits
- NSET 490 Funeral Service Capstone - 3 credits

Department Major Requirements

39 credits

- BIOL 101 General Biology I - 3 credits
- BIOL 102 General Biology II - 3 credits
- BIOL 243 Public Health OR
 - BIOL 334 Occupational Safety/Health -3 credits
- BIOL 341 Environmental Health -3 credits
- BMGT 101 Intro to Business - 3 credits
- MKTS 206 Professional Selling OR
 - MKTS 205 Principles of Marketing -3 credits
- BMGT 207 Human Resource Management - 3 credits
- BMGT 234 Ethical Leadership -3 credits
- ECON 201 Principles of Economics/Macro OR
 - ECON 202 Principles of Economics/Micro - 3 credits
- PSYC 203 Theories of Personality - 3 credits
- PSYC 214 Psychology of Emotion -3 credits
- Two PSYC 200+ level courses - 6 credits

Choose a concentration in Health and Science or Business Administration

9 credits

Health and Science

- BIOL 243 Public Health -3 credits OR
 - BIOL 334 Occupational Safety and Health - 3 credits
- Two Health and Science electives (at the 200+ level), BTEC 200+, CHEM100+, PHYS 100+,FSCI 100+,NSET 120+ - 6 credits

Business Administration

- MKTS 206 Professional Selling OR

MKTS 205 Principles of Marketing - 3 credits
Two Business electives - 6 credits (ACCT 210+, BMGT 208+, CMPS 160+, LEAD 110+)

General Elective 3 credits

Transfer Credits from an Accredited School of Mortuary Science 48 credits
Minimum credits for B.S. degree 120 credits

**Capstone Program Bachelor of Science Degree
with a major in Specialized Professional Studies – Funeral Service**

The capstone funeral service program follows study at the Pittsburgh Institute of Mortuary Science. After completing the 20-month, five-trimester Associate in Specialized Business Degree at PIMS, you will attend Point Park to earn 36 credits. Upon completion of requirements at both schools, you will graduate with a Bachelor of Science degree. Concentrations are available in Health and Science or Business Administration.

Program Objectives

1. Demonstrate breadth of knowledge in the psychological, biological, and managerial aspects of the funeral service profession.
2. Communicate through oral and written means the relevant issues of practice within the funeral service profession.
3. Assess the role and responsibilities of Funeral Directors, Embalmers and Pre-Need Counselors within society.
4. Advance within the profession or proceed to graduate level education.

Core Requirements 42 credits (33 core equivalencies from PIMS)

Required Courses in the Thematic Core

Investigate Mathematics - 3 credits
Interpret Creative Works - 3 credits
NSET 490 Funeral Service Capstone - 3 credits

Department Major Requirements 15 credits

BMGT 234 Ethical Leadership -3 credits
PSYC 203 Theories of Personality - 3 credits
PSYC 214 Psychology of Emotion -3 credits
Two PSYC 200+ level courses - 6 credits

Choose a concentration in Health and Science or Business Administration 9 credits

Health and Science

BIOL 243 Public Health -3 credits OR
BIOL 334 Occupational Safety and Health - 3 credits
TWO health and science electives (at the 200+ level), BTEC 200+, CHEM100+, PHYS 100+,FSCI 100+,NSET 120+ - 6 credits

Business Administration

MKTS 206 Professional Selling OR

MKTS 205 Principles of Marketing - 3 credits
BMGT 208 Principles of Management - 3 credits
Business elective - 6 credits
(ACCT 210+, BMGT 208+, CMPS 160+, LEAD 110+)

General Elective 3 credits

Transfer Credits from an Accredited School of Mortuary Science

84 credits

Minimum credits for B.S. degree

120 credits

Minors in Natural Sciences, Engineering and Technology

The minors in the Department of Natural Sciences and Engineering Technology listed below are available to all students at Point Park University. The minors consist of prerequisites plus a minimum of 18 credits.

Biological Sciences Minor (18-22 credits)

BIOL 101 General Biology I - 3 credits

BIOL 102 General Biology II - 3 credits

Four Biology courses (at the 200+ level) - 12- 16 credits

Chemistry Minor (18 credits)

CHEM 101 General Chemistry I - 3 credits

CHEM 102 General Chemistry II - 3 credits

Four Chemistry courses (at the 200+ level) - 12 credits.

Civil Engineering Technology Minor (18-19 credits)

Six courses in Civil Engineering Technology (at the 200+ level) - 18-19 credits

Electrical Engineering Technology Minor (18-23 credits)

Six courses in Electrical Engineering Technology (at the 200+ level) - 18-23 credits

Mathematics Minor (18-20 credits)

Prerequisite: MATH 190 Calculus I - 4 credits

Minor: Six courses in Mathematics (at the 200+ level) - 18-20 credits.

Mechanical Engineering Technology Minor (18-22 credits)

Six courses in Mechanical Engineering Technology (at the 200+ level) - 18-22 credits

Graduate Studies

The Department of Natural Sciences and Engineering Technology offers two graduate degrees, a Master of Science in Engineering Management and a Master of Science in Environmental Studies. For a graduate catalog or information, visit the website or please call [Graduate Admissions Office](#) at (412) 392-3808.

The Department of Criminal Justice & Intelligence Studies

Professors: Gregory Rogers, J.D.

Associate Professors: Michael Botta (Chair), M.S.; Richard Linzer, J.D.

Assistant Professors: Edward Strimlan, M.D.; Mark Wintz, Ph.D.

Lecturers: Sean Elliot Martin, Ph.D.; Andrew Richards, M.S.

Degree programs in criminal justice, law enforcement and intelligence and national security have garnered local and national attention as students are prepared for exciting careers in an ever-growing market. Programs integrate theory and practice, while incorporating experiential and collaborative components. Internships are available for those students seeking to enrich their academic programs through real-world experiences. Our faculty includes current practitioners and those with extensive backgrounds in the field.

Programs in Criminal Justice

The program in Criminal Justice offers students a focused interdisciplinary exposure to all aspects of crime and criminal justice. Courses in the program deal with crime, violence and other forms of deviance and the responses to these problems by police, courts and corrections officials; contemporary criminal justice issues, as well as ethical concerns and research. The goals of the Criminal Justice Programs at Point Park University are to prepare students for careers in law enforcement, corrections, private security, and other related fields. Since the emphasis is upon history, sociology, law and the workings of government agencies, the programs provide students with an excellent background for further study in graduate school, as well as entry into law school. Students are encouraged to enroll in a one-semester practicum in a law enforcement agency as part of their studies.

Bachelor of Science with a major in Criminal Justice

Program Objectives

1. Speak and write effectively.
 - a. Differentiate between the types of question; interrogation or investigation.
 - b. Summarize the responses and compile the results of an interview, interrogation or investigation when providing testimony.
 - c. Generate written reports such as affidavits, and/or other professional documents.
2. Think critically, collect, analyze, and interpret data, and appropriately cite information.
 - a. Use of Statistical Product and Service Solutions (SPSS) software to collect, modify, analyze and interpret data.
 - b. Explain (or demonstrate) the application of quantitative analyses in the field of criminal justice, including the analysis of the rules of evidence governed by constitutional guidelines.
 - c. Conduct a critical review of the literature and/or case law pertinent to the field of criminal justice.
 - d. Select a research topic, develop a research question and determine the appropriate research design.
 - e. Understand the statistical tests and procedures used to analyze, summarize and interpret data.
 - f. Apply the principles of the APA style and case law citations.
 - g. Apply the fundamentals of criminal investigations including crime scene search, and the recording, collection and preservation of evidence.
3. To prepare criminal justice professionals to understand the sociological, psychological, historical and economic variables impacting the community and law enforcement agencies.

- a. Compare and contrast theories of contemporary abnormal psychology and the psychological disorders including anxiety, depression, schizophrenia, and post-traumatic stress disorders, as related to offender behavior.
 - b. Identify and compare and contrast the factors that have influenced the evolution of the court system (state and federal) in the United States.
 - c. Assess the impact of major legal and U.S. Supreme Court decisions.
4. To prepare criminal justice professionals to develop a commitment to ethical behavior through an understanding of professional principles.
 - a. Compare and contrast the distinctions between morality and ethics as applied to the various constituents of the criminal justice system.
 - b. Develop and apply strategies when examining and dealing with the challenges of diversity impacting law enforcement agencies and the community.
 - c. Examine and critique their personal beliefs and values when functioning as a criminal justice professional in a multi-cultural society.
5. Develop an understanding of and a commitment to becoming a life-long learner.
 - a. Understand that their career paths are dynamic and require skills and knowledge that are state-of-the-art in their respective field.
 - b. Understand the components of career choice and goal-setting that encompasses and aligns: career, personal (family and social) and life-long learning.

Core Requirements

42 credits

Department General Requirements

12 credits

FSCI 370 Forensic Evidence I - 3 credits
 FSCI 371 Forensic Evidence II - 3 credits
 HIST 382 History of Pittsburgh - 3 credits
 PSYC 245 Introduction to Forensic Psychology - 3 credits

Department Major Requirements

36 credits

CRMJ 150 Introduction to Criminal Justice - 3 credits
 CRMJ 151 Evolution of Policing - 3 credits
 CRMJ 201 Constitutional Law for Law Enforcement - 3 credits
 CRMJ 220 Professional Communications in Criminal Justice - 3 credits
 CRMJ 230 Professional Responsibilities - 3 credits
 CRMJ 250 Criminal Law and Procedure - 3 credits
 CRMJ 251 Criminology - 3 credits
 CRMJ 261 Court Organization and Operations - 3 credits
 CRMJ 262 Corrections, Probation and Parole - 3 credits
 CRMJ 361 Criminal Evidence - 3 credits
 CRMJ 362 Criminal Investigation - 3 credits
 CRMJ 403 Federal Law Enforcement - 3 credits

Department Electives

18 credits

Choose six:

CRMJ 254 Juvenile Justice - 3 credits
 CRMJ 290 History of Organized Crime - 3 credits
 CRMJ 304 Competitive Exams and Hiring Process - 3 credits

- CRMJ 305 Joint Task Force - 3 credits
- CRMJ 313 Sex Crimes Investigation - 3 credits
- CRMJ 315 Quantitative Method - 3 credits
- CRMJ 330 Risk Assessment and Investigation - 3 credits
- CRMJ 351 Research Methods and Design - 3 credits
- CRMJ 352 Fraud Investigations - 3 credits
- CRMJ 364 Money Laundering - 3 credits
- CRMJ 396 Act 120 (12) or Correctional Academy (9)** - 3 credits
- CRMJ 400 Transnational Criminal Activities - 3 credits
- CRMJ 404 International Criminal Law - 3 credits
- CRMJ 420 Re-thinking Rehabilitation and Re-entry - 3 credits
- CRMJ 455 Criminal Justice Internship - 3 credits
- CRMJ 470 Crime Scene and Criminal Profiling - 3 credits

****Certificate of completion required**

General Electives	12 credits
Minimum credits for B.S. degree	120 credits

5-Year Bachelor of Science/Master of Science Degree with a Major in Criminal Justice

Program Objectives

1. Speak and write effectively.
 - a. Differentiate between the types of question; interrogation or investigation.
 - b. Summarize the responses and compile the results of an interview, interrogation or investigation when providing testimony.
 - c. Generate written reports such as affidavits, and/or other professional documents.
2. Think critically, collect, analyze, and interpret data, and appropriately cite information.
 - a. Use of Statistical Product and Service Solutions (SPSS) software to collect, modify, analyze and interpret data.
 - b. Explain (or demonstrate) the application of quantitative analyses in the field of criminal justice, including the analysis of the rules of evidence governed by constitutional guidelines.
 - c. Conduct a critical review of the literature and/or case law pertinent to the field of criminal justice.
 - d. Select a research topic, develop a research question and determine the appropriate research design.
 - e. Understand the statistical tests and procedures used to analyze, summarize and interpret data.
 - f. Apply the principles of the APA style and case law citations.
 - g. Apply the fundamentals of criminal investigations including crime scene search, and the recording, collection and preservation of evidence.
3. Prepare criminal justice professionals to understand the sociological, psychological, historical and economic variables impacting the community and law enforcement agencies.
 - a. Compare and contrast theories of contemporary abnormal psychology and the psychological disorders including anxiety, depression, schizophrenia, and post-traumatic stress disorders, as related to offender behavior.

- b. Identify and compare and contrast the factors that have influenced the evolution of the court system (state and federal) in the United States.
- c. Assess the impact of major legal and U.S. Supreme Court decisions.
- 4. Prepare criminal justice professionals to develop a commitment to ethical behavior through an understanding of professional principles.
 - a. Compare and contrast the distinctions between morality and ethics as applied to the various constituents of the criminal justice system.
 - b. Develop and apply strategies when examining and dealing with the challenges of diversity impacting law enforcement agencies and the community.
 - c. Examine and critique their personal beliefs and values when functioning as a criminal justice professional in a multi-cultural society.
- 5. Describe how criminal justice policy is formulated at the federal, state and local level within a political, economic and social context.
- 6. Articulate the roles and functions of the various components of the criminal justice system.
- 7. Integrate theory and practice in relation to public and private agency planning, accounting, budgeting and finance.
- 8. Describe the cultural context in which the criminal justice system operates.
- 9. Specify how multi-culturalism relates to the community, the workplace, and the effectiveness of the criminal justice professional and job performance.
- 10. Compare criminological theories.
- 11. Identify and apply the basic principles of public and private agency management and administration, including resource management and allocation.
- 12. Demonstrate leadership skills through effective communication skills.
- 13. Develop an understanding of and a commitment to becoming a life-long learner.
 - a. Understand that their career paths are dynamic and require skills and knowledge that are state-of-the-art in their respective field.
 - b. Understand the components of career choice and goal-setting that encompasses and aligns: career, personal (family and social) and life-long learning.

Core Requirements

42 credits

Department General Requirements

12 credits

- FSCI 370 Forensic Evidence I - 3 credits
- FSCI 371 Forensic Evidence II - 3 credits
- HIST 382 History of Pittsburgh - 3 credits
- PSYC 245 Forensic Psychology - 3 credits

Department Major Requirements

42 credits

- CRMJ 150 Introduction to Criminal Justice - 3 credits
- CRMJ 151 Evolution of Policing - 3 credits
- CRMJ 201 Constitutional Law for Law Enforcement - 3 credits
- CRMJ 220 Professional Communications in Criminal Justice - 3 credits
- CRMJ 230 Professional Responsibilities - 3 credits
- CRMJ 250 Criminal Law and Procedure - 3 credits
- CRMJ 251 Criminology - 3 credits
- CRMJ 261 Court Organization and Operations - 3 credits
- CRMJ 262 Corrections, Probation and Parole - 3 credits

CRMJ 315 Quantitative Method - 3 credits
CRMJ 351 Research Methods and Design - 3 credits
CRMJ 361 Criminal Evidence - 3 credits
CRMJ 362 Criminal Investigation - 3 credits
CRMJ 403 Federal Law Enforcement - 3 credits

Department Electives

12 credits

Choose four:

CRMJ 254 Juvenile Justice - 3 credits
CRMJ 290 History of Organized Crime - 3 credits
CRMJ 304 Competitive Exams and Hiring Process - 3 credits
CRMJ 305 Joint Task Force - 3 credits
CRMJ 313 Sex Crimes Investigation - 3 credits
CRMJ 330 Risk Assessment and Investigation - 3 credits
CRMJ 352 Fraud Investigations - 3 credits
CRMJ 364 Money Laundering - 3 credits
CRMJ 396 Act 120 (12) or Correctional Academy (9)** - 3 credits
CRMJ 400 Transnational Criminal Activities - 3 credits
CRMJ 404 International Criminal Law - 3 credits
CRMJ 420 Re-thinking Rehabilitation and Re-entry - 3 credits
CRMJ 455 Criminal Justice Internship - 3 credits
CRMJ 470 Crime Scene and Criminal Profiling - 3 credits

****Certificate of completion required**

General Electives

12 credits

Graduate Requirements

30 credits

CRMJ 515 Professional and Research Writing - 3 credits
CRMJ 520 Criminal Justice Administration and Management - 3 credits
CRMJ 522 Legal Issues in Criminal Justice - 3 credits
CRMJ 525 Theories of Criminology - 3 credits
CRMJ 528 Politics, Policy and Criminal Justice - 3 credits
CRMJ 530 Organizational Behavior in CRMJ - 3 credits
CRMJ 532 Economics of Criminal Justice - 3 credits
CRMJ 534 Ethical Issues in Criminal Justice - 3 credits
CRMJ 536 Advanced Research Design and Analysis - 3 credits
CRMJ 555 Thesis - 3 credits OR
CRMJ 559 Capstone Seminar - 3 credits

Minimum credits for B.S. and M.S. degree

150 credits

Intelligence and National Security

The Bachelor of Science in Intelligence and National Security provides a solid foundation for the planning, implementation, and management of security operations in government and non-governmental arenas. With focus on issues in national security, intelligence operations, emergency services, covert operations, and crisis management, students will be well prepared for entry-level positions in government and private sectors.

The Bachelor of Science in Intelligence and National Security degree program is designed to provide students with entry-level career opportunities in the field of intelligence and national security. This baccalaureate program provides broad-based coursework that includes core courses, electives, a language component, and departmental requirements and electives. Critical thinking, analytical skills, communications, ethical behavior, decision making, technological skills and strategic thinking are woven throughout the curriculum.

Bachelor of Science with a major in Intelligence and National Security

Program Objectives

1. Offer clear and concise oral and written reports.
 - a. Analyze the specific sources needed in writing an intelligence brief.
 - b. Apply the accepted intelligence written format and structure to all required objectives.
 - c. Explain all components inherent in the brief format, orally and in writing.
 - d. Choose which type of report, oral or written, best serves to inform the intelligence authorities in order to accomplish designated tasks.
2. Apply critical thinking, collect, analyze and interpret collected information.
 - a. Evaluate and identify raw intelligence and extract that needed for final exploitation.
 - b. Examine variables creating causal links between information to predict outcomes.
 - c. Interpret complicated information and find causal links between data.
 - d. Describe the intelligence cycle and apply the components to all tasks presented for evaluation.
3. Define domestic and international terrorist organizations, their structure, causation, and financing and global effect on foreign policy.
 - a. Explain the various theories attributed to radicalization and its growth in the past 20 plus years.
 - b. Analyze the effectiveness of intelligence gathering past and present, in the pursuit of terrorist organizations.
 - c. Evaluate national security policy aimed at identifying and eliminating terrorist threats.
 - d. Compare and contrast the policies and intelligence methods of different nations in dealing with terrorist threats.
4. Describe the history of U.S. intelligence and its evolution in the U.S. and their effect on national policy.
 - a. Identify the origins and need for U.S. intelligence from colonial times to the present.
 - b. Explain how different historical situations created the need for better intelligence in formulating U.S. policy and military action.
 - c. Examine the watershed periods of U.S. intelligence, specifically WWII, the Cold War, the Congressional hearings of the 1970's and the post-911 changes.
 - d. Evaluate abuses of the intelligence authorities in the past that led to reformation and organizational change.
5. Examine tradecraft techniques and the sources and methods of the dark arts.
 - a. Describe the traditional tradecraft techniques and evaluate their effectiveness in the modern world.
 - b. Define the legal parameters for the use of sophisticated intelligence collection systems and their implication on civil liberties and constitutional safeguards.
 - c. Extrapolate on new source and method applications and define their possible implications to the intelligence community.
 - d. Distinguish between effective and non-effective tradecraft techniques in specific situations and tasks.

Core Requirements 42 credits
INTL 410-The President's Daily Brief – Senior Capstone - 3 credits

Departmental General Requirements 12 credits
CRMJ 403 Federal Law Enforcement - 3 credits
HIST 355 World War II - 3 credits

Language Sequence (6)
Must include a minimum of a two course sequence in the same foreign language (courses in translation excluded) - 6 credits

Departmental Major Requirements 36 credits
INTL 101 Introduction to Intelligence - 3 credits
INTL 102 Intelligence Tradecraft Techniques - 3 credits
INTL 103 International Terrorism - 3 credits
INTL 210 Domestic Terrorism - 3 credits
INTL 211 Evolution of Intelligence - 3 credits
INTL 300 Critical Thinking for Analysts - 3 credits
INTL 301 Intelligence Analyst/Critical Thinking (I-2 Program) - 3 credits
INTL 302 National Intelligence Authorities - 3 credits
INTL 305 Intelligence Failures - 3 credits
INTL 310 Ethics of Spying - 3 credits
INTL 405 Counter Intelligence - 3 credits
INTL 406 Misinformation/Psych Operations - 3 credits

Departmental Major Electives 6 credits
Choose 2 courses:
INTL 204 Intelligence in the Media - 3 credits
INTL 306 Emergency Plan and Security - 3 credits
INTL 312 Interrogation Techniques - 3 credits
INTL 315 Intelligence Internship I - 3 credits
INTL 402 Current Issues in U.S. Security Policy - 3 credits
INTL 409 Intelligence Case Studies - 3 credits
INTL 415 Intelligence Internship II - 3 credits

Approved Minor 18 credits
6 courses in approved minor

General Electives 6 credits
Minimum credits for B.S. degree 120 credits

Post-Baccalaureate Bachelor of Science Degree with a major in Intelligence & National Security

This forty-five credit certificate program is designed for adult students who enter Point Park University with an earned B.A. or B.S. degree in another area, but who seek to supplement their skills in intelligence and

national security. A student must successfully complete a minimum of thirty credits in residence in order to receive a baccalaureate degree from Point Park University.

Program Objectives

1. Identify the role of intelligence in formulating national security policies and the protection of the U.S. interest abroad.
 - a. Identify each of the 16 intelligence agencies in the U.S.
 - b. Compare and contrast the specific duties of each agency.
2. Describe how task specific information is procured by an agency.
 - a. Define the collection, planning, analysis and dissemination processes.
 - b. Evaluate the various methods of collection and apply those best suited for certain tasks.
3. Compare and contrast the missions of different intelligence agencies.
 - a. Interpret the difference between military and civilian intelligence.
 - b. Prioritize intelligence information into long term assessment or immediate threat response categories.

Departmental General Requirements **3 credits**
 HIST 355 World War II - 3 credits

Departmental Major Requirements **39 credits**

- INTL 101 Introduction to Intelligence - 3 credits
- INTL 102 Intelligence Tradecraft Techniques - 3 credits
- INTL 103 International Terrorism - 3 credits
- INTL 210 Domestic Terrorism - 3 credits
- INTL 211 Evolution of Intelligence - 3 credits
- INTL 300 Critical Thinking for Analysts - 3 credits
- INTL 301 Intelligence Analyst/Critical Thinking (I-2 Program) - 3 credits
- INTL 302 National Intelligence Authorities - 3 credits
- INTL 305 Intelligence Failures - 3 credits
- INTL 310 Ethics of Spying - 3 credits
- INTL 401 High Impact Event Planning - 3 credits
- INTL 403 Weapons of Mass Destruction - 3 credits

Department Major Electives **6 credits**

Choose 2 courses:

- INTL 204 Intelligence in the Media - 3 credits
- INTL 306 Emergency Plan and Security - 3 credits
- INTL 312 Interrogation Techniques - 3 credits
- INTL 315 Intel Internship I - 3 credits
- INTL 402 Current Issues in U.S. Security Policy - 3 credits
- INTL 409 Intelligence Case Studies - 3 credits
- INTL 415 Intel Internship II - 3 credits

Minimum credits for Post-Baccalaureate B.S. degree **45 credits**

Certificate in Intelligence and National Security

This eighteen credit certificate program is designed for adult students who seek to supplement their skills in intelligence and national security. All credits successfully completed at Point Park University within this

certificate will be applicable, upon acceptance, into the Bachelor of Science program in Intelligence and National Security.

Program Objectives

1. Identify the role of intelligence in formulating national security policies and the protection of the U.S. interest abroad.
 - a. Identify each of the 16 intelligence agencies in the U.S.
 - b. Compare and contrast the specific duties of each agency.
2. Describe how task specific information is procured by an agency.
 - a. Define the collection, planning, analysis and dissemination processes.
 - b. Evaluate the various methods of collection and apply those best suited for certain tasks.
3. Compare and contrast the missions of different intelligence agencies.
 - a. Interpret the difference between military and civilian intelligence.
 - b. Prioritize intelligence information into long term assessment or immediate threat response categories.

Departmental Major Requirements

12 credits

INTL 101 Introduction to Intelligence - 3 credits

INTL 102 Intelligence Tradecraft Techniques - 3 credits

INTL 211 Evolution of Intelligence - 3 credits

INTL 403 Weapons of Mass Destruction - 3 credits

Optional Courses

6 credits

Choose two:

INTL 103 Intelligence Terrorism - 3 credits

INTL 305 Intelligence Failures - 3 credits

INTL 405 Counter Intelligence - 3 credits

INTL 406 Misinformation/Psych Operations - 3 credits

INTL 409 Intelligence Case Studies - 3 credits

Minimum credits for a Certificate

18 credits

Forensic Science

The forensic science program is geared toward preparing the student for work in most sections of the forensic laboratory, including trace, drugs, arson, toxicology, death investigations, and work with DNA.

Bachelor of Science with a major in Forensic Science

Program Objectives

1. Speak and write effectively.
 - a. Adopt the accepted style of writing used in Forensic Science investigative reports for courtroom use.
 - b. Restate and translate medical terminology into layman's terminology for courtroom introduction.
 - c. Order and sequence the relevancy of evidence located at a crime scene into written and oral reports.
 - d. Identify the proper procedures for introducing Forensic evidence in court.
2. Integrate practical knowledge of contemporary instrumentation and methodology of forensic science and apply them to forensic evidence.

- a. Identify the importance of Forensic Science in the Criminal Justice field.
- b. Apply the instrumentation used in Forensic Science.
- c. Choose the proper instrumentation for each unique crime scene.
- d. Synthesize a set of forensic technology standards in order to develop forensic evidence.
3. Apply technical skills in documenting scientific laboratory observations:
 - a. Mobilize technical skills to gather evidence in a laboratory setting.
 - b. Define each step of the evidence collection process in the laboratory.
 - c. Analyze results from the application of technical collection efforts in preserving evidence.
 - d. Organize all extracted evidence into clear and objective findings.
4. Define and apply ethical principles in conducting forensic analysis.
 - a. Identify the necessity to apply objectively forensic investigations with the highest ethical principles.
 - b. Define the legal consequences of improprieties in forensic science.
 - c. Examine a set of moral and ethical standards for guidance in forensic investigations.
 - d. Apply moral and ethical standards in every forensic investigation to ensure the investigations validity and credibility in the legal environment.
5. Identify the nationally recognized standards for certification in Forensic Science (e.g., American Board of Criminalists).
 - a. Describe and relate the nationally accepted standards of forensic evidence.
 - b. Compare and contrast board certification differences from state to state.
 - c. Illustrate the reasons for board certification and its effect on the Criminal Justice System.

Core Requirements

42 credits

Required Courses in the Thematic Core

MATH 180 College Algebra - Investigate Mathematics

Departmental Requirements (Natural Sciences)

38 credits

BIOL 101 General Biology I - 3 credits

BIOL 102 General Biology II - 3 credits

BIOL 103 General Biology Laboratory I - 1 credit

BIOL 104 General Biology Laboratory II - 1 credit

BIOL 225 Anatomy and Physiology I - 4 credits

BIOL 226 Anatomy and Physiology II - 4 credits

CHEM 103 General Chemistry Laboratory I - 1 credit

CHEM 104 General Chemistry Laboratory II - 1 credit

CHEM 221 Organic Chemistry - 3 credits

CHEM 222 Organic/Biochemistry - 3 credits

CHEM 223 General Chemistry Lab - 2 credits

MATH 190 Calculus - 4 credits

PHYS 101 Physics I - 3 credits

PHYS 102 Physics II - 3 credits

PHYS 103 Physics Laboratory I - 1 credit

PHYS 104 Physics Laboratory II - 1 credit

Departmental Major Requirements

31 credits

BIOL 320 Biochemistry - 3 credits

BIOL 350 Molecular/Cellular Biology - 4 credits

CRMJ 315 Quantitative Methods for Law Professionals OR
MATH 175 Elementary Statistics - 3 credits
CRMJ 361 Criminal Evidence - 3 credits
FSCI 100 Development of the Death Investigation System - 3 credits
FSCI 301 Accident/Suicide Death Investigation - 3 credits
FSCI 370 Forensic Evidence I - 3 credits
FSCI 371 Forensic Evidence II - 3 credits
FSCI 401 Ethics in Forensic Sciences - 3 credits
FSCI 402 Natural Death Investigation - 3 credits

Departmental Major Electives

6 credits

Select two of the following:

BIOL 222 Introduction to Genetics - 4 credits
CRMJ 470 Crime Scene and Criminal Profiling - 3 credits
FSCI 300 Forensic Photography - 3 credits
FSCI 455 Internship in Forensic Science - 3 credits
PSYC 245 Introduction to Forensic Psychology - 3 credits

General Electives

3 credits

Minimum credits for B.S. degree

120 credits

Minors in Criminal Justice and Intelligence Studies

Criminal Justice Minor

Requirements (6 credits)

CRMJ 150 Introduction to Criminal Justice - 3 credits
CRMJ 201 Constitutional Law for Law Enforcement - 3 credits
CRMJ (choose four courses) - 12 credits

Intelligence and National Security Minor (18 credits)

Requirements (6 credits)

INTL 101 Introduction to Intelligence - 3 credits
INTL 102 Intelligence Tradecraft Techniques - 3 credits

Optional Courses (choose four- 12 credits)

INTL 211 Evolution of Intelligence - 3 credits
INTL 305 Intelligence Failures - 3 credits
INTL 405 Counter Intelligence - 3 credits
INTL 406 Misinformation/ Psych Operations - 3 credits
INTL 409 Intelligence Case Studies - 3 credits

Graduate Studies The Department of Criminal Justice and Intelligent Studies offers two graduate degrees, a Master of Arts in Intelligence and Global Security and a Master of Science in Criminal Justice Administration. For a graduate catalog or information, visit the website or please call at (412) 392-3808.

The Department of Community Engagement

Professor: Heather Starr Fiedler, Ph.D. (Chair)

Assistant Professor: Sera Mathew, Ph.D

Minors in the Department of Community Engagement

The minor in Community Engagement and Social Change empowers students to combine classroom learning in social change and meaningful community work as a step towards extending their education beyond the classroom. Students will participate in project-based classroom and fieldwork that includes opportunities for self-reflection. The minor culminates with an approved practicum project that will reach out in to the community to reflect upon and apply the knowledge they've gained in their community engagement and social change coursework. The minor in Community Engagement and Social Change complements any major program and will prepare students for outreach and partnership work in civic, business and community organizations to become agents of change who inspire others and foster prosperity in diverse community settings.

Minor in Community Engagement and Social Change – 18 credits

Required Courses

CENG 150 - Introduction to Community Engagement - 3 credits

CENG 250 - Advocacy and Social Change - 3 credits

CENG 450 - Community Engagement Practicum - 3 credits

Choose Three Additional Courses (9 Credits) from the following

CENG 300 - Human Rights in Theory and Practice - 3 credits

CENG 350 - Social Inequalities and Health Equity - 3 credits

CENG 395 - Special Topics in Community Engagement - 3 credits

SOCW 202 - Social Issues - 3 credits

SOC 205 - Social Inequality in America - 3 credits

SOCW 326 - Community Resources - 3 credits

SOC 415 - Women: Historical and Global Perspective - 3 credits

PSYC 204 - Social Psychology- 3 credits

PSYC 350 - Community Psychology- 3 credits

HIST 206 - Foundations in Feminism - 3 credits

HLTH 303 - Contemporary Issues in Health - 3 credits

POLS 207 - Public Policy Issues - 3 credits

ECON 419 - Economics of Social Issues - 3 credits

PADM 206 - Non-Profit Organizations - 3 credits

PADM 210 - Public Administration- 3 credits

PADM 303 - Public Policy and Decision Analysis - 3 credits

Minor in Women and Gender Studies- 18 credits

Required Courses

CENG 160- Introduction to Women and Gender Studies - 3 credits

CENG 360- Feminist Theory- 3 credits

Choose Four Additional Courses(12 credits) from the following:

HIST 206-Foundations in Feminism: Women's History in the Western World- 3 credits

EDUC 220- Family and Community Diversity- 3 credits
PSYC 241/SOCW 241-LGBTQ Mental Health- 3 credits
PSYC 251- Psychology of Women- 3 credits
PSYC 253- Psychology of Sexual Behavior- 3 credits
ENGL 255-LGBTQ Literature- 3 credits
ENGL 300- Feminist Fairy Tales- 3 credits
ENGL 305- Authors I (Oscar Wilde or others with permission of the CENG department Chair) - 3 credits
ENGL 306- Authors II (The Brontes, Plath, and Sexon or others with permission of the CENG department Chair) - 3 credits
CENG 300 Human Rights in Theory and Practice- 3 credits
CENG 350- Social Inequalities and Health Equity- 3 credits
SOCW 350 Sex, Gender, and Identity Politics- 3 credits
SOC 415- Women : Historical and Global Perspective - 3 credits

Rowland School of Business

Stephen Tanzilli, J.D.; Dean

Department of Accounting, Economics and Finance, and Information Technology

B.S. - Accounting
Post Baccalaureate B.S. - Accounting
B.S. - Economics and Finance
B.S. - Information Technology

Department of Business Management

B.S. - Business Management
Post Baccalaureate B.S. Business Management
B.S. - Human Resource Management
Post Baccalaureate B.S. - Human Resource Management
B.A. - Organizational Leadership
B.S. - Public Administration

Certificate in Emergency Medical Services Administration
Certificate in Fire Service Administration
Certificate in Public Administration

Department of Sports, Arts and Entertainment Management

B.S. - Sports, Arts and Entertainment Management

The Rowland School of Business offers programs in eight major areas of study: Accounting, Business Management, Economics and Finance, Human Resource Management, Information Technology, Marketing, Organizational Leadership, Public Administration, and Sports, Arts, and Entertainment Management. The School's broadly based programs include required coursework in the liberal arts and sciences, assuring students receive a sound general education along with the specialized training required for a career. The courses offered provide students with an understanding of the economic, social, and political problems of today for application in various fields of business and public administration. These programs include specialized training designed to produce future business and public leaders who are equipped with the latest knowledge in their technical fields and are fully aware of their responsibilities as ethical leaders in the community.

The Rowland School of Business' programs enable graduates to pursue advanced degrees. Please refer to the graduate catalog for information about our M.B.A program.

The Department of Accounting, Economics and Finance and Information Technology

Professors:

Cheryl Clark, M.B.A., C.P.A.; Margaret Gilfillan, M.B.A., C.P.A. (Chair); Angela Isaac, Ph.D.; Dimitris Kraniou, Ph.D.; Archish Maharaja, C.P.A., Ed.D.; Andrea Wachter, M.A.T., M.P.M., M.T.;

Associate Professors: Luis Palacios-Salguero, Ph.D.

Assistant Professors: Jayne Olshanski, MBA, CPA; Mark Voortman, Ph.D.

Lecturer: Joseph DeFazio, Ph.D.; Ishwari Subedi, MAcc.

Accounting

The program in Accounting leading to the Bachelor of Science degree is designed to prepare students for careers in accounting and includes those courses in management and information technology that contribute to this goal. For accounting majors interested in pursuing graduate work, credit for six undergraduate credits will be given in the MBA program (please refer to the Graduate Catalog). Effective January 1, 2012 aspiring CPA's in Pennsylvania are required to have a baccalaureate or higher degree with a completion of 150 credit hours, including a total of at least 36 semester credits of accounting and auditing, business law, finance and tax subjects. This dual BS/MBA not only fulfills this requirement but also provides the individual with a master's degree.

A post-baccalaureate program requiring a total of 48 credits and leading to the Bachelor of Science degree is available to students with baccalaureate degrees in other areas. This program, which requires a minimum expenditure of time, is attractive to mature students who want to prepare for a career in accounting. Prerequisites for this program include four courses (12 credits): ECON 201, 202; MATH 175, 180.

Program Objectives

1. Work well with others and with a demonstrated appreciation of individual differences and a sensitivity to diversity.
 - a. Develop and demonstrate team building skills.
2. Clearly communicate thoughts and ideas both verbally and in writing.
 - a. Demonstrate ability to present and evaluate ideas clearly in both written and oral form.
 - b. Demonstrate proficiency in communication regarding financial matters using accepted professional methods (financial statements, spreadsheets, etc.).
3. Apply information technology tools and techniques to meet the needs and expectations of the workplace.
 - a. Develop and demonstrate a basic knowledge and understanding of microcomputers.
 - b. Demonstrate ability to utilize software that is commonly used in industry.
4. Analyze, integrate and communicate complex information to facilitate management decision making.
 - a. Collect, organize, and use data to meet organizational needs.
 - b. Use quantitative techniques to evaluate data.
5. Apply theory and practice in solving organizational problems.
 - a. Demonstrate ability to transition from planning to implementation.
 - b. Evaluate professional literature and review for relevance and application to specific problems.

Bachelor of Science Degree with a major in Accounting

Core Requirements 42 credits

Required Courses in the Thematic Core

MATH 180 College Algebra – Investigate Mathematics
CMPS 114 Problem Solving with Information Technology – Discover Technology
BMGT 234 Business Ethics-Succeed in Business
BMGT 481 Business Models of Organization – Capstone
ECON 201 Principles of Macroeconomics—Explore the World
PSYC 150 Psychological Foundations—Understand People

Business Core Requirements 34 credits

MATH 175 Elementary Statistics - 3 credits
ACCT 210 Intro to Financial Accounting- 3 credits
ACCT 220 Managerial Accounting- 3 credits
BMGT 201 Business Law I- 3 credits
BMGT 207 Human Resource Management - 3 credits
BMGT 280 Business Career Prep – 1 credit
BMGT 338 Operations Mgmt/QA- 3 credits
BMGT 340 Org Behav w/ Topics in Mgt. - 3 credits
CMPS 300 Info Tech for Managers- 3 credits
ECON 202 Prin. Of Microeconomics - 3 credits
FIN 300 Corporate Finance - 3 credits
MKTS 205 Principles of Marketing- 3 credits

Department Major Requirements 42 credits

ACCT 230 Accounting Information Systems- 3 credits
ACCT 310 Intermediate Financial Accounting I - 3 credits
ACCT 311 Intermediate Financial Accounting II - 3 credits
ACCT 312 Intermediate Financial Accounting II - 3 credits
ACCT 350 Federal Taxation - 3 credits
ACCT 410 Adv. Accounting Theory - 3 credits
ACCT 440 Auditing I - 3 credits
BMGT 202 Business Law II - 3 credits
BMGT 221 Business Communication & Research - 3 credits
CMPS 163 Business Analytics – 3 credits
CMPS 214 MicroComputing I - 3 credits

Directed Electives 9 credits

Select 3 courses in Accounting, Business Management, Information Technology or Mathematics.
(MATH 190 Calculus is recommended if Graduate Study is anticipated)

General Electives 3 credits

Minimum credits for B.S. degree 121 credits

Post-Baccalaureate Program Bachelor of Science Degree with a major in Accounting

Prerequisites to the Program: 12 credits

ECON 201 Principles of Macroeconomics - 3 credits
ECON 202 Principles of Microeconomics - 3 credits

MATH 175 Elementary Statistics - 3 credits

MATH 180 College Algebra - 3 credits

Department Major Requirements

48 credits

ACCT 210 Intro to Financial Accounting- 3 credits

ACCT 220 Managerial Accounting - 3 credits

ACCT 230 Accounting Info Systems - 3 credits

ACCT 310 Intermediate Accounting I - 3 credits

ACCT 311 Intermediate Accounting II - 3 credits

ACCT 312 Intermediate Accounting II - 3 credits

ACCT 350 Federal Taxation - 3 credits

ACCT 410 Advanced Accounting Theory - 3 credits

ACCT 440 Auditing I - 3 credits

BMGT 201 Business Law I - 3 credits

BMGT 202 Business Law II - 3 credits

BMGT 338 Operations Mgmt/QA - 3 credits

BMGT 481 Business Models of Organiz. - 3 credits

CMPS 163 Business Analytics - 3 credits

FIN 300 Corporate Finance - 3 credits

Information Technology electives - 3 credits

Minimum credits for B.S. degree

48 credits

Economics and Finance

Economics deals “with the ordinary business of life” and as such, its subject matter should be directly relevant to students who are preparing to enter the economy and to understand the implications of economic events for their own lives and livelihoods. The study of finance provides students with an understanding of how financial markets operate and how to make effective investment and financial decisions for firms and individuals. Financial markets are the major conduits through which investments are channeled in the global marketplace. The significance of this is paramount given the international dimensions of our economy.

Program Objectives

1. Clearly communicate thought and ideas both verbally and in writing.
 - a. Demonstrate ability to present and evaluate ideas clearly in both written and oral form.
 - b. Demonstrate proficiency in various methods of business communications, including formal/informal, informative/persuasive, etc.
 - c. Develop skills required to accomplish the business objectives of communication.
2. Apply information technology tools and techniques to meet the needs and expectations of the workplace.
 - a. Develop and demonstrate a basic knowledge and understanding of information technology and basic computer needs.
 - b. Demonstrate ability to utilize software that is commonly used in industry.
 - c. Use various research sources including online and library databases to do in depth research and to keep abreast of current events.
 - d. Relate to ideas pertaining to technological innovations, growth models and social issues.
3. Analyze, integrate and communicate complex information to facilitate management decision making.
 - a. Use scenario building techniques for decision making purposes.
 - b. Learn quantitative and qualitative methodologies.
4. Apply theory and practice in solving organizational problems.

- a. Understand the realities of the global marketplace and the economic and financial events of our times.
- b. Learn to use and analyze case studies.

Bachelor of Science Degree with a major in Economics and Finance

Core Requirements

42 credits

Required Courses in the Thematic Core

MATH 180 College Algebra - Investigate Mathematics
 CMPS 114 Problem Solving with Information Technology - Discover Technology
 BMGT 234 Business Ethics-Succeed in Business
 BMGT 481 Business Models of Organization - Capstone
 ECON 201 Principles of Macroeconomics—Explore the World
 PSYC 150 Psychological Foundations—Understand People

Business Core Requirements

34 credits

MATH 175 Elementary Statistics - 3 credits
 ACCT 210 Intro to Financial Accounting- 3 credits
 ACCT 220 Managerial Accounting- 3 credits
 BMGT 201 Business Law I- 3 credits
 BMGT 207 Human Resource Management - 3 credits
 BMGT 280 Business Career Prep - 1 credit
 BMGT 338 Operations Mgmt/QA- 3 credits
 BMGT 340 Org Behav w/ Topics in Mgt. - 3 credits
 CMPS 300 Info Tech for Managers- 3 credits
 ECON 202 Prin. Of Microeconomics - 3 credits
 FIN 300 Corporate Finance - 3 credits
 MKTS 205 Principles of Marketing- 3 credits

Select two courses from the following:

BMGT 221 Business Communication and Research - 3 credits
 JOUR 206 Introduction to Advertising and PR - 3 credits
 POLS 205 World Geography - 3 credits
 POLS 207 Public Policy Issues - 3 credits
 PSYC 210 Industrial Psychology - 3 credits

Department Major Requirements

36 credits

FIN 306 Principles of Money & Banking - 3 credits
 FIN 431 International Finance - 3 credits
 FIN 461 Risk Management - 3 credits
 ECON 205 Survey of Econ Thought - 3 credits
 ECON 326 Investment Management - 3 credits
 ECON 310 Intermediate Price Theory - 3 credits
 ECON 421 International Economics - 3 credits

Select 9 credits from the following:

BMGT 208 Principles of Management - 3 credits
 BMGT 380 Cooperative Education I - 6 credits
 BMGT 480 Cooperative Education II - 6 credits
 ECON 203 Economic History of the US - 3 credits
 ECON 395 Special Topics in Economics - 3 credits
 ECON 405 Comparative Econ Systems - 3 credits
 ECON 417 Economic Growth & Develop - 3 credits

ECON 418 Modern Economic Thought - 3 credits
ECON 419 Economics of Social Issues - 3 credits
ECON 496 Independent Study in ECON- 3 credits
PADM 301 Oper Methods in Public Admin - 3 credits

General Electives

9 credits

Minimum credits for B.S. degree

121 credits

Information Technology

Point Park University was one of the first in the nation to offer a Bachelor of Science degree in Information Technology. From the earliest days of the program, the department has continued to upgrade the curriculum to reflect the rapid pace of change in this ever-expanding field. This updated degree stresses a broad general education with emphasis on developing the fundamental skills required to be competitive in the ever-changing world of computer technology. The degree consists of 42 credits from the University Core, 34 credits from the School of Business Core, 21 credits from the IT core, and 24 credits of IT and general electives, totaling 121 credits.

The Information Technology degree is currently offered in two formats; traditional on-ground and online. The requirements for both are exactly the same, but note that the for online are 8 weeks versus 15 weeks for the on-ground delivery.

Program Objectives

1. Work well with others and with a demonstrated appreciation of individual differences and a sensitivity to diversity.
 - a. Play different team roles such as system analyst, database application developer, tester, user interface designer, programmer.
 - b. Work as a team to design and prototype different components of an information system.
 - c. Work as a team to research recent developments in the application of computing technology in the business world.
2. Clearly communicate thoughts and ideas both verbally and in writing.
 - a. Document process of designing and prototyping the interface, business, and/or database layers of an information system.
 - b. Participate in a formal presentation to the class and answer any questions that arise.
 - c. Write reports that document specific system components and their effects on stakeholders- i.e. network design and its impact to the customer.
 - d. Research developments in the application of computer technology in a business or e-business environment and report the findings.
3. Apply information technology tools and techniques to meet the needs and expectations of the workplace.
 - a. Demonstrate the ability to assess software and/or hardware needs in a business environment.
 - b. Develop and demonstrate the ability to design and implement the three layers of an Information system.
 - c. Understand the design and implementation of networks and security systems.
4. Analyze, integrate and communicate complex information to facilitate management decision making.
 - a. Explain and justify designs based on design principles, patterns and heuristics.
 - b. Analyze system requirements and model program domains.
 - c. Analyze the differences between the internal design of different database systems and how the design differences impact performance issues.

5. Apply theory and practice in solving organizational problems.
 - a. Read and write object-oriented code, in Java, that uses classes, inheritance, polymorphism, interfaces, and GUI's.
 - b. Read and write analysis and design documentation in the Unified Modeling Language.
 - c. Design and write programs to access relational databases using Java and JDBC.
 - d. Design both static and dynamic websites that illustrate the nature of client/server software and design techniques.
 - e. Develop online and/or off line training materials for automated systems.
 - f. Design and implement user interface using Visual Basic.NET.

Bachelor of Science Degree with a major in Information Technology

Core Requirements **42 credits**

Required Courses in the Thematic Core

MATH 180 College Algebra - Investigate Mathematics
 CMPS 114 Problem Solving with Information Technology - Discover Technology
 BMGT 234 Business Ethics-Succeed in Business
 BMGT 481 Business Models of Organization - Capstone
 ECON 201 Principles of Macroeconomics—Explore the World
 PSYC 150 Psychological Foundations—Understand People

Business Core Requirements **34 credits**

MATH 175 Elementary Statistics - 3 credits
 ACCT 210 Intro to Financial Accounting- 3 credits
 ACCT 220 Managerial Accounting- 3 credits
 BMGT 201 Business Law I- 3 credits
 BMGT 207 Human Resource Management - 3 credits
 BMGT 280 Business Career Prep - 1 credit
 BMGT 338 Operations Mgmt/QA- 3 credits
 BMGT 340 Org Behav w/ Topics in Mgt. - 3 credits
 CMPS 300 Info Tech for Managers- 3 credits
 ECON 202 Prin. Of Microeconomics - 3 credits
 FIN 300 Corporate Finance - 3 credits
 MKTS 205 Principles of Marketing- 3 credits

Department Major Requirements **36 credits**

CMPS 160 Databases - 3 credits
 CMPS 161 Networking and Security - 3 credits
 CMPS 162 Intro to Programming - 3 credits
 CMPS 163 Business Analytics - 3 credits
 CMPS 260 Data Structures - 3 credits
 CMPS 261 Server Management - 3 credits
 CMPS 262 Advanced Programming - 3 credits

Choose 15 credits from the following

BMGT 208 Principles of Management - 3 credits
 BMGT 380 Cooperative Education I - 6 credits
 BMGT 480 Cooperative Education II - 6 credits
 CMPS 214 MicroComputing I - 3 credits
 CMPS 330 Electronic Commerce I - 3 credits
 CMPS 340 Electronic Commerce II - 3 credits
 CMPS 355 Internship in Information Technology I - 3 credits

CMPS 356 Internship in Information Technology II - 3 credits
 CMPS 360 Survey of Programming Languages - 3 credits
 CMPS 361 Web Application Development - 3 credits
 CMPS 362 Networking - 3 credits
 CMPS 363 Digital Security - 3 credits
 CMPS 364 NoSQL Databases - 3 credits
 CMPS 395 Special Topics in Information Technology - 3 credits
 CMPS 396 Independent Study in Information Technology - 3 credits
 CMPS 460 Mobile Application Development - 3 credits
 CMPS 461 Big Data Applications - 3 credits
 CMPS 462 Data Mining - 3 credits
 CMPS 463 Entrepreneurship for Software Development - 3 credits
 CMPS 464 Software Development for E-Commerce - 3 credits
 CMPS 495 Special Topics in Information Technology - 3 credits
 CMPS 496 Independent Study in Information Technology - 3 credits

General Electives

9 credits

Minimum credits for B.S. degree

121 credits

The Department of Business Management

Professors: William Breslove, Ph.D.; George C. Bromall, J.D.; Soren Hogsgaard, M.A; Helena Knorr, Ph.D.; Michele Langbein, Ph.D.; Elaine Luther, D.Sc.; Charles Perkins, Ph.D.; Jamesena Talbott, D.M.; Edward Wachter, J.D.

Associate Professors: Ciletti, Dorene, Ph.D; Robert Skertich, Ph.D.

Assistant Professors: Sandra Mervosh, M.S.; Patrick Mulvihill, (Interim Chair) D.Ed.

Business Management

Both industry and government emphasize a professional approach to management, indicating the complexity of today's decision-making processes. The program in Business Management, leading to the Bachelor of Science degree, prepares students for management careers or advanced study. The major consists of 63 credits, including an 18-credit concentration in one of the following areas: International Business Management, Marketing, Entrepreneurship or General Management.

Students with a baccalaureate degree in another area may expand their career base by completion of a 45-credit post-baccalaureate program leading to the Bachelor of Science degree. Prerequisites for this program include four courses (12 credits): ECON 201, 202; MATH 175, 180.

Program Objectives

1. Work well with others and with a demonstrated appreciation of individual differences and a sensitivity to diversity.
 - a. Develop and demonstrate team building skills.
 - b. Use social network skills to cultivate and build relationships with class members.
 - c. Manage a team to analyze a problem and achieve a goal.
 - d. Develop ability to give and receive feedback and constructive criticism.
 - e. Develop ability to participate effectively and cooperatively as a team member.
 - f. Develop teamwork skills needed to function proper in a work environment.
2. Clearly communicate thoughts and ideas both verbally and in writing.
 - a. Demonstrate ability to present and evaluate ideas clearly in both written and oral form.

- b. Demonstrate ability to adjunct communication style to communication media or technology.
 - c. Demonstrate ability to adjust communication style to the recipients/audience.
 - d. Demonstrate proficiency in various methods of Business communications, including formal/informal, informative/persuasive, etc.
 - e. Develop skills required to accomplish the business objectives of communication.
3. Apply information technology tools and techniques to meet the needs and expectations of the workplace.
 - a. Develop and demonstrate a basic knowledge and understanding of information technology and basic computer concepts.
 - b. Demonstrate ability to utilize software that is commonly used in industry.
 - c. Use various research sources including online and library databases to do in-depth research and to keep abreast of current events (library literacy).
 4. Analyze, integrate and communicate complex information to facilitate management decision-making.
 - a. Collect, organize, and use data to meet organizational needs.
 - b. Select appropriate topics for projects that reflect knowledge of the field of study and the appropriate audiences.
 - c. Utilize knowledge base from course work to analyze complex situations and problems.
 - d. Demonstrate ability to think clearly and analyze facts to draw conclusions, and support decision making.
 5. Apply theory and practice into solving organizational problems.
 - a. Demonstrate comprehensive knowledge of terminology, theories, and practices in the major subject areas of Business, including Accounting, Law, Marketing, Human Resources Management, Finance, Operations, Information Technology, Communications, Quantitative and Management.
 - b. Demonstrate ability to translate knowledge to complex business environments.
 - c. Demonstrate ability to transition from planning to implementation.

Bachelor of Science Degree with a major in Business Management

Core Requirements

42 credits

Required Courses in the Thematic Core

MATH 180 College Algebra – Investigate Mathematics

CMPS 114 Problem Solving with Information Technology – Discover Technology

BMGT 234 Business Ethics-Succeed in Business

BMGT 481 Business Models of Organization – Capstone

ECON 201 Principles of Macroeconomics—Explore the World

PSYC 150 Psychological Foundations—Understand People

Business Core Requirements

34 credits

MATH 175 Elementary Statistics - 3 credits

ACCT 210 Intro to Financial Accounting- 3 credits

ACCT 220 Managerial Accounting- 3 credits

BMGT 201 Business Law I- 3 credits

BMGT 207 Human Resource Management - 3 credits

BMGT 280 Business Career Prep - 1 credit

BMGT 338 Operations Mgmt/QA- 3 credits

BMGT 340 Org Behav w/ Topics in Mgt. - 3 credits
CMPS 300 Info Tech for Managers- 3 credits
ECON 202 Prin. Of Microeconomics - 3 credits
FIN 300 Corporate Finance - 3 credits
MKTS 205 Principles of Marketing- 3 credits

Department Major Requirements

36 credits

BMGT 202 Business Law II - 3 credits
BMGT 208 Principles of Management - 3 credits
BMGT 221 Business Communications and Research - 3 credits
BMGT 271 The Money Thing: Life & Finances - 3 credits
CMPS 214 MicroComputing I - 3 credits

Choose a Concentration in International Business Management, Marketing, General Management or Entrepreneurship:

International Business Management (18 credits)

BMGT 303 International Business - 3 credits
BMGT 441 Cross-cultural Business Management - 3 credits
MKTS 304 International Marketing - 3 credits
ECON 421 International Economics - 3 credits
Two School of Business electives - 6 credits

Marketing (18 credits)

MKTS 206 Professional Selling - 3 credits
BMGT 303 International Business - 3 credits
MKTS 311 Marketing Research - 3 credits
MKTS 304 International Marketing - 3 credits
MKTS 411 Advanced Marketing Management - 3 credits
One School of Business electives- 6 credits

General Management (18 credits)

BMGT 316 Labor/Management Relations - 3 credits
ECON 326 Investment Management - 3 credits
MKTS 411 Advanced Marketing Management - 3 credits
Three School of Business electives - 6 credits

Entrepreneurship (18 Credits)

BMGT 332 Introduction to Entrepreneurship - 3 credits
BMGT 336 Entrepreneurial Regulation - 3 credits
BMGT 454 Advanced Entrepreneurial Applications - 3 credits
Three School of Business elective - 9 credits

Hospitality Management (18 credits)

BMGT 231 Introduction to the Hospitality Industry Profession- 3 credits
BMGT 241 Sales/Revenue and Marketing Planning in the Hospitality Industry- 3 credits
BMGT 331 Safety and Security in the Hospitality Industry-3 credits
BMGT 341 Operations Management in the Hospitality Industry- 3 credits
BMGT 351 Organizational Behavior in the Hospitality Industry-Psychology of Hospitality- 3 credits
One School of Business elective or other elective
Suggested courses include: internship, CO-OP, Foreign Language, or other related course

General Electives

9 credits

Minimum credits for B.S. degree

121 credits

Post-Baccalaureate Program Bachelor of Science Degree with a major in Business Management

Prerequisites to the Program

ECON 201 Principles of Macroeconomics - 3 credits
ECON 202 Principles of Microeconomics - 3 credits
MATH 175 Elementary Statistics - 3 credits
MATH 180 College Algebra - 3 credits

12 credits

Department Major Requirements

ACCT 210 Intro to Financial Accounting - 3 credits
ACCT 220 Managerial Accounting - 3 credits
BMGT 201 Business Law I - 3 credits
BMGT 202 Business Law II - 3 credits
BMGT 207 Human Resource Management - 3 credits
BMGT 208 Principles of Management - 3 credits
BMGT 303 International Business - 3 credits
BMGT 316 Labor and Management Relations - 3 credits
BMGT 338 Operations Mgmt/QA - 3 credits
BMGT 340 Org Behav w/Topics in Mgmt. - 3 credits
BMGT 481 Bus Models of Organization - 3 credits
FIN 300 Corporate Finance - 3 credits
MKTS 205 Principles of Marketing - 3 credits
Information Technology electives - 6 credits

45 credits

Minimum credits for B.S. degree

45 credits

Human Resource Management

The Human Resource Management programs are designed to prepare students for a wide range of human resource related professions. Human Resource Management involves examining present and future employee needs including workforce planning, reward systems, employment laws EEOC compliance, employee relations, training and development and strategic HR management.

The Human Resource Management programs recognize the interdisciplinary nature of this field, by allowing for a student to engage in the pursuit of a minor, multiple internships or Co-op. There are three Human Resource Management programs available to suit a variety of students. The Bachelor of Science degree program is in the traditional four-year format.

The post baccalaureate program is a 39 credit program designed for graduates who have earned a B.A. or B.S. degree in an area other than Human Resource Management. Students must successfully complete a minimum of 30 credits in residence in order to receive a baccalaureate degree from Point Park University.

The minor program is an 18 credit area of study designed for Point Park University students who wish to supplement their studies with courses in Human Resource Management.

The Human Resource Management Bachelor of Science, and post baccalaureate Programs are aligned with the curriculum guidelines identified by the [Society for Human Resource Management](#) (SHRM).

Program Objectives

Program objectives are specifically related to the application of KSA's (Knowledge, Skills and Abilities) in the field of Human Resource Management and consistent with aspects of the SHRM Competency Model.

1. Diversity & Social Responsibility:
Demonstrate the ability to value all backgrounds and perspectives. Maintain openness and respect in diverse contexts in regard to decisions and other's ideas.
2. Communications:
Employ written, verbal and electronic communication skills including social media in order to convey clear and organized information. Ensure effective communication with the use of constructive feedback and active listening skills.
3. Information Literacy:
Gather, analyze and evaluate critical information from databases and sources within the industry. Interpret information to enhance decision making, communication and outcomes.
4. Problem Solving:
Analyze problems and develop creative problem-solving solutions based on best practices and research to constructively engage in and facilitate management decision making.
5. Ethics:
Integrate core values, integrity, and accountability in decisions, actions, and best practices.

Bachelor of Science Degree with a major in Human Resource Management

Core Requirements

42 credits

Required Courses in the Thematic Core

MATH 180 College Algebra – Investigate Mathematics
 CMPS 114 Problem Solving with Information Technology – Discover Technology
 BMGT 234 Business Ethics-Succeed in Business
 BMGT 420 Seminar in Human Resource Management Capstone – Capstone
 ECON 201 Principles of Macroeconomics—Explore the World
 PSYC 150 Psychological Foundations—Understand People

Business Core Requirements

34 credits

MATH 175 Elementary Statistics - 3 credits
 ACCT 210 Intro to Financial Accounting- 3 credits
 ACCT 220 Managerial Accounting- 3 credits
 BMGT 201 Business Law I- 3 credits
 BMGT 207 Human Resource Management - 3 credits
 BMGT 280 Business Career Prep - 1 credit
 BMGT 338 Operations Mgmt/QA- 3 credits
 BMGT 340 Org Behav w/ Topics in Mgt. - 3 credits
 CMPS 300 Info Tech for Managers- 3 credits
 ECON 202 Prin. Of Microeconomics - 3 credits
 FIN 300 Corporate Finance - 3 credits
 MKTS 205 Principles of Marketing- 3 credits

Major Requirements:

33 credits

PSYC 214 Psychology of Emotion -3 credits
 PSYC 215 Human Capital - 3 credits
 BMGT 221 Business Comm. and Research -3credits
 BMGT 303 International Business - 3 credits
 BMGT 305 Regulations in the Workplace -3 credits
 BMGT 316 Labor & Management Relations - 3 credits
 BMGT 318 Human Resource Management II -3 credits
 BMGT 319 Current Topics in HRM -3 credits

BMGT 320 HR Data Analysis-3 credits
BMGT 330 Compensation & Benefits -3 credits
BMGT 419 Research Methods in a Business Environment -3 credits

General Electives **12 credits**
3 credits must be earned through an internship, Co-Op, Disney Leadership Seminar or International Experience

Minimum credits for B.S. degree **121 credits**

Post-Baccalaureate Program Bachelor of Science Degree with a major in Human Resource Management

Prerequisites of the Program **9 credits**
BMGT 201 Business Law I - 3 credits
CMPS 300 Info Tech for Managers - 3 credits
MATH 175 Elementary Statistics - 3 credits

Department Major Requirements **30 credits**
BMGT 207 Human Resource Management - 3 credits
BMGT 305 Regulations in the Workplace - 3 credits
BMGT 315 Financial Reporting and Control - 3 credits
BMGT 316 Labor & Management Relations - 3 credits
BMGT 318 Human Resource Management II -3credits
BMGT 319 Current Topics in HRM -3credits
BMGT 330 Compensation & Benefits -3 credits
BMGT 419 Research Methods in a Business Environment - 3 credits
BMGT 420 Seminar in HR Management Capstone - 3 credits
PSYC 215 Human Capital - 3 credits
Minimum credits for B.S. degree **39 credits**

Organizational Leadership

The Organizational Leadership program is designed to enable students to develop their knowledge, skills and proficiencies in a changing job market so as to contribute to students' successes and the success of the businesses, non-profit, and governmental organizations that employ them.

The Bachelor of Arts degree in Organizational Leadership in the Rowland School of Business at Point Park University offers students the opportunity to study the fields of leadership and develop the requisite skills organizations are seeking. In addition to seminal and contemporary theories, many of the concepts, tools, and techniques emerging in leadership studies are introduced. Interdisciplinary-based courses include: interpersonal and organizational communication skills, strategic decision-making, cross-cultural perspectives, and community leadership as well as research methods for organizational studies and/or community-based concerns.

Program Objectives

1. Work well with others and with a demonstrated appreciation of individual differences and a sensitivity to diversity.
 - a. Develop and demonstrate team building skills.
 - b. Manage teamwork in order to achieve a goal and/or analyze a problem.
 - c. Use decision making techniques to enhance group team work results.

- d. Conduct themselves with integrity and ethics.
 - e. Use technology to effectively communicate with team members in addition to verbal communication.
2. Clearly communicate thoughts and ideas both verbally and in writing.
 - a. Demonstrate ability to present and evaluate thoughts and ideas clearly in both written and oral form.
 - b. Show integrity and ethics when communicating.
 3. Apply information technology tools and techniques to meet the needs and expectations of the workplace.
 - a. Understand the value of technology and apply it to the workplace whenever it is possible to positively affect the organization.
 - b. Demonstrate ability using technology and search tools that are commonly used in industry or research.
 - c. Understand the role of ethics and integrity when using technology to find resources.
 4. Analyze, integrate and communicate complex information to facilitate management decision making.
 - a. Collect, organize, discuss, and use data in order to understand organizational needs.
 - b. Use creativity to generate new and valuable ideas, and challenge established roles that result in improved methods and processes.
 - c. Make decisions based on integrity and sound ethics by taking into account the actions and commitments of all parties and their ramifications of course of action.
 - d. Show initiative, passion, and interest by developing new strategies, methods and ideas without having been directed to do so.
 - e. Develops effective leadership strategies and interpersonal skills to align followers to organizational goals.
 - f. Demonstrates principles and sound ethics, and remains consistent with one's moral code of ethics to build a sense of trust and credibility.
 - g. Demonstrate strategic thinking by developing a clear direction and realistic set of priorities in pursuit of a shared vision, and understanding of needs and expectations of all involved, and has a global viewpoint that incorporates systems thinking.
 5. Apply theory and practice in solving organizational problems.
 - a. Demonstrate ability to transition from formulation and planning to implementation.
 - b. Understand, interpret, investigate, analyze, and evaluate data.
 - c. Build logical approaches to address all issues and opportunities.
 - d. Draw on knowledge and experience base and call on resources when needed.

Bachelor of Arts Degree with a major in Organizational Leadership

Core Requirements

42 credits

ECON 201 Introduction to Macroeconomics - Explore the World I

PADM 210 Public Administration - Explore the World II

BMGT 481-Senior Capstone

Program Requirements

60 credits

BMGT 101 Introduction to Business - 3 credits

BMGT 207 Human Resource Management- 3 credits

BMGT 221 Business Comm.& Research- 3 credits

BMGT 234 Ethical Leadership-3 credits

BMGT 303 International Business-3 credits
 BMGT 417 Strategic Planning- 3 credits
 CMPS 214 MicroComputing-3 credits
 ECON 202 Introduction to Microeconomics - 3 credits
 LEAD 110 Introduction to the Study of Leadership - 3 credits
 LEAD 312 Leadership Confluence of Emotional and Cultural Acumen - 3 credits
 LEAD 315 Leading Organizational Change - 3 credits
 LEAD 317 Understanding Gender and Power; Gender Dynamics in Leadership - 3 credits
 LEAD 415 Systems Thinking for Emerging Leaders - 3 credits
 LEAD 445 Career Development and Succession Strategies for Leaders - 3 credits
 PADM 308 Theories of Public Organization OR
 BMGT 340 Org. Behavior w/ Topics in Management.- 3 credits

Select five LEAD/ PADM/ BMGT courses at 300+ level- 15 credits

General Electives **18 credits**

Minimum credits for B.A. degree **120 credits**

Bachelor of Science Degree with a major in Marketing and Sales

Program Objectives:

1. Analytical Tools: Find, evaluate, and use information effectively, ethically, and legally from a variety of formats, both traditional and technological, commonly used in the industry. (Information Literacy)
2. Communication: Effectively communicate thoughts and ideas through verbal, written, and electronic means to convey clear and organized information to target audiences. (Communication)
3. Critical Thinking: Examine situations to uncover problems and opportunities, analyze information, evaluate alternatives, develop solutions, and facilitate decision-making. (Problem Solving)
4. Environment: Explain and demonstrate best practices of corporate social responsibility, diversity, and ethics in decision-making in the workplace, maintaining openness and respect for differing perspectives. (Diversity & Social Responsibility; Ethics)
5. Leadership: Develop and refine collaboration, empathy, and influence skills to responsibly motivate and align others around opportunities within and outside of organizations. (Leadership)
6. Teamwork: Work effectively and collaboratively with diverse individuals to achieve goals with a demonstrated appreciation for uniqueness and a focus on inclusion. (Teamwork)

Core Requirements **42 credits**

Required Courses in the Thematic Core

MATH 180 College Algebra - Investigate Mathematics
 CMPS 114 Problem Solving with Information Technology - Discover Technology
 BMGT 234 Business Ethics-Succeed in Business
 BMGT 481 Business Models of Organization - Capstone
 ECON 201 Principles of Macroeconomics—Explore the World
 PSYC 150 Psychological Foundations—Understand People
 THEA 111 Introduction to Acting I- Appreciate & Apply the Arts

Business Core Requirements

34 credits

MATH 175 Elementary Statistics - 3 credits
ACCT 210 Intro to Financial Accounting- 3 credits
ACCT 220 Managerial Accounting- 3 credits
BMGT 201 Business Law I- 3 credits
BMGT 207 Human Resource Management - 3 credits
BMGT 338 Operations Mgmt/QA- 3 credits
BMGT 340 Org Behav w/ Topics in Mgt. - 3 credits
CMPS 300 Info Tech for Managers- 3 credits
ECON 202 Prin. Of Microeconomics - 3 credits
FIN 300 Corporate Finance - 3 credits
MKTS 205 Principles of Marketing- 3 credits
MKTS 280 MKTS Career Prep- 1 credit

Major Requirements:

24 credits

BMGT 221 Business Comm and Research -3credits
BMGT 271 The Money Thing: Life & Finances- 3 credits
MKTS 206 Professional Selling- 3 credits
MKTS 210 Digital Marketing- 3 credits
MKTS 305 Buyer Behavior- 3 credits
MKTS 310 Personal Branding & Bus. Development- 3 credits
MKTS 311 Marketing Research and Analytics – 3 credits
MKTS 410 Technology Innovation in Marketing and Sales- 3 credits

Concentration:

15

credits

Select Marketing Management, Professional Sales, or select three course from “required” and two “directed electives”

Marketing Management:**Required:**

JOUR 306 Social Media Practices- 3 credits
MKTS 320 Creativity and Product Innovation- 3 credits
MKTS 411 Advanced Marketing Management- 3 credits
Select two Directed Electives: (BMGT 380 counts as two)
BMGT 202 Business Law II- 3 credits
BMGT 208 Principles of Management- 3 credits
BMGT 380 Cooperative Education- 6 credits
CMPS 214 MicroComputing I- 3 credits
CMPS 330 Electronic Commerce I- 3 credits
GRID 103 Graphic Design I- 3 credits
JOUR 206 Introduction to Advertising and PR- 3 credits
MKTS 304 International Marketing- 3 credits
MKTS 306 Advanced Selling- 3 credits
MKTS 395 Special Topics in Marketing and Sales- 3 credits
MKTS 406 Sales Management – 3 credits
MKTS 355 Internship I- 3 credits
MKTS 356 Internship II- 3 credits

Professional Sales:**Required:**

BMGT 312 Business Negotiating- 3 credits
MKTS 306 Advanced Selling- 3 credits
MKTS 406 Sales Management – 3 credits

Select two Directed Electives: (BMGT 380 counts as two)

- BMGT 202 Business Law II- 3 credits
- BMGT 208 Principles of Management- 3 credits
- BMGT 380 Cooperative Education- 6 credits
- CMPS 214 MicroComputing I- 3 credits
- CMPS 330 Electronic Commerce I- 3 credits
- MKTS 304 International Marketing- 3 credits
- MKTS 411 Advanced Marketing Management- 3 credits
- MKTS 395 Special Topics in Marketing and Sales- 3 credits
- MKTS 320 Creativity and Product Innovation- 3 credits
- MKTS 355 Internship I- 3 credits
- MKTS 356 Internship II- 3 credits
- PSYC 214 Psychology of Emotion- 3 credits

General Electives	6
credits	
Minimum credits for B.S. degree	121
credits	

Post-Baccalaureate Program Bachelor of Science Degree with a major in Marketing and Sales

Prerequisites of the Program **6 credits**

- CMPS 300 Info Tech for Managers - 3 credits
- MATH 175 Elementary Statistics - 3 credits OR
- BUS 308 Quantitative Methods OR
- BMGT 338 Operations Mgmt/Quant. Analysis

Department Major Requirements **33 credits**

- BMGT 312 Business Negotiating- 3 credits
- MKTS 205 Principles of Marketing- 3 credits
- MKTS 206 Professional Selling- 3 credits
- MKTS 210 Digital Marketing- 3 credits
- MKTS 305 Buyer Behavior- 3 credits
- MKTS 310 Personal Branding & Bus. Development- 3 credits
- MKTS 311 Marketing Research and Analytics – 3 credits
- MKTS 320 Creativity and Product Innovation- 3 credits
- MKTS 406 Sales Management – 3 credits
- MKTS 410 Technology Innovation in Marketing and Sales- 3 credits
- MKTS 411 Advanced Marketing Management- 3 credits

Minimum credits for B.S. degree **39 credits**

Public Administration

The Bachelor of Science degree programs in Public Administration prepares graduates for careers in government and nonprofit organizations, as well as in regulated businesses and as private government contractors. These programs also provide current public employees with an opportunity to expand their education and to seek promotions. The Bachelor of Science degree in Public Administration is offered online format. Students may use departmental and General Electives to complete a double major or one or more minors.

The baccalaureate program includes a 21-credit concentration in one of three subject areas: general public administration, Fire Service Administration, and Emergency Medical Services Administration. The Fire Service

Administration courses are recognized by the National Fire Academy Fire and Emergency Services Higher Education (FESHE) project. The concentrations can be taken as stand-alone certificates and as minors for other degrees. A nonprofit management minor is also available.

Program Objectives

1. Work well with others and with a demonstrated appreciation of individual differences and a sensitivity to diversity.
 - a. Develop and demonstrate team building skills.
 - b. Manage a team to analyze a problem and achieve a goal.
2. Clearly communicate thoughts and ideas both verbally and in writing.
 - a. Demonstrate ability to present and evaluate ideas clearly in written form.
 - b. Demonstrate ability to present and evaluate ideas clearly in oral presentations.
3. Apply information technology tools and techniques to meet the needs and expectations of the workplace.
 - a. Develop and demonstrate a basic knowledge and understanding of microcomputers.
 - b. Demonstrate ability to utilize software that is commonly used in industry.
4. Analyze, integrate and communicate complex information to facilitate management decision making.
 - a. Collect, organize, and use data to meet organization needs.
 - b. Demonstrate critical thinking.
 - c. Demonstrate problem solving, quantitative and qualitative.
 - a. Apply theory and practice in solving organizational problems. Demonstrate ability to transition from planning to implementation.
 - b. Demonstrate a mastery of concepts and methods of use in the workplace.
 - c. Demonstrate a mastery of concepts and foundations necessary to initiate graduate study.

Bachelor of Science Degree with a major in Public Administration

Core Requirements

42 credits

Required Courses in the Thematic Core

CMPS 114 Problem Solving with Information Technology – Discover Technology

MATH 150 Mathematical Problem Solving– Investigate Mathematics

PSYC 150 Psychological Foundations – Understand People

Department Major Requirements

48 credits

Choose two POLS or ECON course- 6 credits

Choose two ACCT, BMGT, BUS, or SAEM courses- 6 credits

PADM 206 Nonprofit Organizations - 3 credits

PADM 210 Public Administration - 3 credits

PADM 211 Principles of Management - 3 credits

PADM 214 Public Budgeting and Finance I - 3 credits

PADM 301 Operational Methods for Public Management OR

PADM 303 Policy and Decision Analysis - 3 credits

Select One Concentration:

General (21 credits)

Six PADM courses at the 300+ level - 18 credits

One PADM course at the 400+ level - 3 credits

Emergency Medical Services (21 credits)

PADM 340 Foundations of EMS - 3 credits
PADM 341 EMS Management - 3 credits
PADM 342 EMS Community Risk Reduction - 3 credits
PADM 345 EMS Safety and Risk Management - 3 credits
PADM 346 Legal, Political and Regulatory Issues in EMS - 3 credits
PADM 440 EMS Quality and Performance Management - 3 credits
PADM 300+ level course - 3 credits

Fire Service Administration (21 credits)

PADM 330 Fire and Emergency Services Administration - 3 credits
PADM 331 Political and Legal Foundations of Fire Protection - 3 credits
PADM 332 Fire Prevention Organization and Management - 3 credits
PADM 335 Personnel Management for Fire and Emergency Services OR
PADM 311 Special Employee Relations - 3 credits
PADM 336 Community Risk Reduction for Fire and Emergency Services. -3 credits
PADM 430 Applications of Fire Research - 3 credits
PADM 300+ level course - 3 credits

General Electives

30 credits

(Students may use general electives to complete a double major or one or one or more minors.)

Minimum credits for B.S. degree

120 credits

Certificate in Public Administration

Requirements

18 credits

PADM 210 Public Administration - 3 credits
PADM 211 Principles of Management OR
BMGT 208 Principles of Management - 3 credits
PADM 214 Public Budgeting and Finance I - 3 credits
Select 3 courses in Public Administration at the 200+ level - 9 credits

Certificate in Emergency Medical Services

Requirements

18 credits

PADM 340 Foundations of EMS - 3 credits
PADM 341 EMS Management - 3 credits
PADM 342 EMS Community Risk Reduction - 3 credits
PADM 345 EMS Safety and Risk Management - 3 credits
PADM 346 Legal, Political and Regulatory Issues in EMS - 3 credits
PADM 440 EMS Quality and Performance Management - 3 credits

Certificate in Fire Service Administration

Requirements

18 credits

PADM 330 Fire and Emergency Services Administration - 3 credits
PADM 331 Political and Legal Foundations of Fire Protection - 3 credits
PADM 332 Fire Prevention Organization and Management - 3 credits
PADM 335 Personnel Management for Fire and Emergency Services OR
PADM 311 Special Employee Relations - 3 credits

PADM 336 Community Risk Reduction for Fire and Emergency Services - 3 credits
PADM 430 Applications of Fire Research - 3 credits

The Department of Sports, Arts and Entertainment Management

Associate Professors: Teresa Gregory, M.F.A.; Ed Traversari, M.B.A.

Assistant Professors: Paige Beal, M.B.A; Robert Derda, M.S. . (Chair)

Sports, Arts and Entertainment Management

The SAEM program at Point Park University was a pioneer in the establishment of a degree program in sports, arts and entertainment. Point Park's location in downtown Pittsburgh allows for excellent access to the city's cultural and professional sports organizations, most of which are within easy walking distance of the campus. The curriculum builds upon a solid business management and general education core with specialized courses in event management, marketing and promotion, facility design and management, sales and sponsorship, public relations, finance and risk management. Each student must complete at least one internship in their field.

Program Objectives

The SAEM Program Outcomes:

1. Diversity & Social Responsibility: Explain and demonstrate the best practices of corporate social responsibility, diversity and decision-making in the workplace.
2. Communication: Employ written and oral communication skills to convey clear and organized information to target audiences for analytical reports.
3. Information Literacy: Find, evaluate and use information effectively, ethically and legally from a variety of formats, both traditional and technological, commonly used in industry.
4. Problem Solving: Analyze problems and develop solutions to facilitate management decision-making.
5. Ethics: Develop and implement reasoning and reflection skills to practice ethical decision-making, given data on what is morally/ethically at stake in the situation.

Bachelor of Science Degree with a major in Sports, Arts and Entertainment Management

Core Requirements

42 credits

Required Courses in the Thematic Core

MATH 180 College Algebra – Investigate Mathematics -3 credits
CMPS 114 Problem Solving with Information Technology OR
JOUR 103 Graphic Design I -3 credit – Discover Technology
BMGT 271 The Money Thing – Succeed in Business -3 credits
ECON 201 Principles of Macroeconomics—Explore the World -3 credits
PSYC 150 Psychological Foundations—Understand People – 3 credits
SAEM 480 SAEM Capstone; Bus. Models -3 credits

Business Core Requirements

34 credits

MATH 175 Elementary Statistics - 3 credits
ACCT 210 Intro to Financial Accounting- 3 credits
ACCT 220 Managerial Accounting- 3 credits
BMGT 201 Business Law I- 3 credits
BMGT 207 Human Resource Management - 3 credits
BMGT 234 Business Ethics -3 credits
BMGT 338 Operations Mgmt/QA- 3 credits
BMGT 340 Org Behav w/ Topics in Mgt. - 3 credits
CMPS 300 Info Tech for Managers- 3 credits
ECON 202 Prin. Of Microeconomics - 3 credits
FIN 300 Corporate Finance - 3 credits
SAEM 250 Career Prep -3 credits
SAEM 202 SAE Marketing and Promotions - 3 credits

Department Major Requirements

36 credits

BMGT 271 The Money Thing: Life & Finances- 3 credits
SAEM 101 Introduction to the SAE Business - 3 credits
SAEM 152 Business of Live Entertainment- 3 credits
SAEM 201 Event Management - 3 credits
SAEM 301 Facility and Venue Design and Administration - 3 credits
SAEM 310 Personal Branding and Business Development - 3 credits
SAEM 350 SAEM Internship - 3 credits
SAEM 401 Legal Aspects of SAE - 3 credits

SAEM Focus Area

Students can choose a general 12 credits across all of the focus areas or one of the four designated focus areas. Focus areas do not need to be declared until the first semester of the junior year. Students will not have any focus area notation on their transcript.

SPORTS

SAEM 320 Ticketing - 3 credits
SAEM 360 Sports Agents - 3 credits
SAEM 361 Sports Ethics - 3 credits
SAEM 362 Sports Leadership - 3 credits
SAEM 363 Sports Communication - 3 credits
SAEM 364 Media Relations in Sports - 3 credits
SAEM 395 Special Topics in SAEM - 3 credits

ARTS

SAEM 240 Performing Arts Presenting & Touring - 3 credits
SAEM 320 Ticketing - 3 credits
SAEM 325 Essential Fundraising Principles - 3 credits
SAEM 395 Special Topics in SAEM - 3 credits
SAEM 420 Producing for Commercial & Nonprofit Performing Arts - 3 credits
SAEM 445 Advanced Fundraising - 3 credits
SAEM 460 Internship I - 3 credits
SAEM 461 Internship II - 3 credits
PROD 132 Stage Management I - 2 credits
PROD 145 Script Analysis - 2 credits
PROD 200/201 Tech Practicum II, III - 2 credits
PROD 440 Production Management - 3 credits

THEA 109 Elements of Stage Craft - 2 credits
THEA 140/141 Production I, II - 2 credits

ENTERTAINMENT

SAEM 320 Ticketing - 3 credits
SAEM 330 Music Artist Management - 3 credits
SAEM 331 Production Tour Management - 3 credits
SAEM 332 Industry - 3 credits
SAEM 333 Pioneer Records- 3 credits
SAEM 334 Business of Concerts & Touring - 3 credits
SAEM 395 Special Topics in SAEM - 3 credits

MARKETING

CMPS 330 Electronic Commerce - 3 credits
GRID 307 Graphic Design II - 3 credits
SAEM 210 Digital Marketing - 3 credits
SAEM 303 SAE Advertising and Public Relations - 3 credits
SAEM 320 Ticketing - 3 credits
SAEM 354 Media Management - 3 credits
SAEM 395 Special Topics in SAEM - 3 credits

All Focus Areas:

Experiential Learning (max of 6 credits)
BMGT 380 Cooperative Education I - 6 credits
SAEM 460 SAEM Internship II - 3 credits
SAEM 461 SAEM Internship III - 3 credits

General Electives

9 credits

Minimum credits for B.S. degree

121* credits

Rowland School of Business Minors

The minors in the Rowland School of Business listed below are available to all students at Point Park University. Minors consist of prerequisites plus 18 or 21 credits of coursework.

Accounting Minor (21 credits)

Prerequisites:

ACCT 210 Introduction to Financial Accounting- 3 credits

Minor:

ACCT 220 Managerial Accounting - 3 credits
ACCT 230 Accounting Information Systems- 3 credits
ACCT 310 Intermediate Financial Accounting I- 3 credits
ACCT 311 Intermediate Financial Accounting II- 3 credits
ACCT 312 Intermediate Financial Accounting III- 3 credits
ACCT 410 Advanced Accounting Theory - 3 credits
BMGT 201 Business Law I - 3 credits

Business Management Minor (18 credits)

Prerequisites:

CMPS 114 Problem Solving with Information Technology - 3 credits

MATH 175 Elementary Statistics - 3 credits

Minor:

ACCT 210 Introduction to Financial Accounting- 3 credits

ACCT 220 Managerial Accounting- 3 credits
BMGT 201 Business Law I - 3 credits
MKTS 205 Principles of Marketing- 3 credits
BMGT 207 Human Resource Management OR
BMGT 208 Principles of Management - 3 credits
FIN 300 Corporate Finance - 3 credits

Digital Marketing Minor (18 credits)

Prerequisites:

MKTS 205 Principles of Marketing- 3 credits OR
SAEM 202 Marketing and Promotion - 3 credits
GRID 103 Graphic Design- 3 credits

Minor:

SAEM 210 Digital Marketing- 3 credits
CMPS 160 Databases- 3 credits
CMPS 163 Business Analytics- 3 credits
JOUR 306 Social Media Practices- 3 credits
JOUR 365 Web Publishing I- 3 credits
JOUR 463 Social Media Analytics and SEO- 3 credits

Economics Minor (18 credits)

Prerequisites:

MATH 175 Elementary Statistics - 3 credits
MATH 180 College Algebra - 3 credits
Cumulative GPA of 2.0 or higher

Minor:

ECON 201 Principles of Macroeconomics - 3 credits
ECON 202 Principles of Microeconomics - 3 credits
BMGT 338 OP. Mgmt. and Quant. Analysis- 3 credits
ECON 310 Intermediate Price Theory- 3 credits
ECON 421 International Economics - 3 credits
ECON 395 Special Topics in Economics OR
ECON 496 Independent Study in Economics - 3 credits

Emergency Medical Services Minor (18 credits)

PADM 340 Foundations of EMS - 3 credits
PADM 341 EMS Management - 3 credits
PADM 342 EMS Community Risk Reduction - 3 credits
PADM 345 EMS Safety and Risk Management - 3 credits
PADM 346 Legal, Political and Regulatory Issues in EMS - 3 credits
PADM 440 EMS Quality and Performance Management - 3 credits

Entrepreneurship Minor (18 credits)

BMGT 207 Human Resource Management - 3 credits
BMGT 208 Principles of Management- 3 credits
BMGT 332 Introduction to Entrepreneurship - 3 credits
BMGT 336 Entrepreneurial Regulation - 3 credits
BMGT 454 Advanced Entrepreneurial Applications - 3 credits
CMPS 300 Information Technology for Managers - 3 credits

Finance Minor (18 credits)

Prerequisites:

ACCT 210 Introduction to Financial Accounting- 3 credits
MATH 175 Elementary Statistics - 3 credits
Cumulative GPA of 2.0 or higher

Minor:

ECON 326 Investment Management - 3 credits
(or substitute course approved by program director)
ECON 395 Special Topics in Finance OR
ECON 496 Independent Study in Finance - 3 credits
FIN 306 Principles of Money & Banking - 3 credits
FIN 300 Corporate Finance - 3 credits
FIN 431 International Finance - 3 credits
FIN 461 Risk Management- 3 credits

Fire Service Administration Minor (18 credits)

PADM 330 Fire and Emergency Services Administration - 3 credits
PADM 331 Political and Legal Foundations of Fire Protection - 3 credits
PADM 332 Fire Prevention Organization and Management - 3 credits
PADM 335 Personnel Management for Fire and Emergency Services OR
PADM 311 Special Employee Relations - 3 credits
PADM 336 Community Risk Reduction for Fire and Emergency Services - 3 credits
PADM 430 Applications of Fire Research - 3 credits

Human Resource Management Minor (18 credits)

BMGT 207 Human Resource Management - 3 credits
BMGT 305 Regulations in the Workplace - 3 credits
BMGT 316 Labor and Management Relations - 3 credits
BMGT 318 Human Resource Management II - 3 credits
BMGT 330 Compensation and Benefits - 3 credits
PSYC 215 Human Capital- 3 credits

Hospitality Management Minor (21 credits)

BMGT 231 Introduction to the Hospitality Industry Profession- 3 credits
BMGT 241 Sales/Revenue and Marketing Planning in the Hospitality Industry- 3 credits
BMGT 331 Safety and Security in the Hospitality Industry-3 credits
BMGT 341 Operations Management in the Hospitality Industry- 3 credits
BMGT 351 Organizational Behavior in the Hospitality Industry-Psychology of Hospitality- 3 credits
BMGT 481 Business Models of Organization- 3 credits
One School of Business elective or other elective
Suggested courses include: internship, CO-OP, Foreign Language, or other related course

Information Technology (18 credits)

Select three of the following courses - 9 credits
CMPS 160 Databases - 3 credits
CMPS 161 Networking and Security - 3 credits
CMPS 162 Introduction to Programming - 3 credits
CMPS 163 Business Analytics - 3 credits
Select three additional CMPS courses from the IT program - 9 credits

Marketing Minor (18 credits)

MKTS 205 Principles of Marketing - 3 credits
MKTS 206 Professional Selling - 3 credits
MKTS 305 Buyer Behavior- 3 credits

MKTS 311 Marketing Research and Analytics - 3 credits
MKTS 320 Creativity and Product Innovation- 3 credits
MKTS 410 Technology/Innovation in Mktg and Sales- 3 credits
MKTS 411 Advanced Marketing Management - 3 credits

Nonprofit Management Minor (18 credits)

PADM 206 Nonprofit Organizations - 3 credits
PADM 214 Public Budget and Finance I - 3 credits
PADM 317 Legal Aspects of Nonprofit Organizations - 3 credits
PADM 405 Leading Nonprofit Organizations - 3 credits
SAEM 325 Essential Fundraising Principles- 3 credits
Select one (1) of the following courses - 3 credits
ACCT 460 Nonprofit Accounting- 3 credits
PADM 311 Special Employee Relations in Public Organizations - 3 credits
PADM 314 Public Budget and Finance II - 3 credits
ACCT 307 Nonprofit Accounting - 3 credits
PADM 411 Internship - 3 credits
SAEM 350 Internship - 3 credits

Professional Sales Minor (18 credits)

MKTS 205 Principles of Marketing - 3 credits
MKTS 206 Professional Selling - 3 credits
MKTS 305 Buyer Behavior- 3 credits
MKTS 306 Advanced Selling- 3 credits
MKTS 311 Marketing Research and Analytics - 3 credits
MKTS 406 Sales Management - 3 credits
MKTS 410 Technology/Innovation in Mktg and Sales- 3 credits

Public Administration Minor (18 credits)

PADM 210 Public Administration - 3 credits
Choose any 5 PADM electives - 15 credits

Graduate Studies

The Rowland School of Business offers a Master of Business Administration (M.B.A.) degree with eight concentration options—Business Analytics, Engineering Management, Global Supply Chain Management, Health Systems Management, International Business, Management, Management Information Systems (M.I.S.), and Sports, Arts and Entertainment Management, as well as a Master of Science in Healthcare Administration and Management. A concurrent Master of Arts in Media Communication and M.B.A. is also offered. For a graduate catalog or information, visit the website or please call the Graduate Admissions Office at (412) 392-3808.

School of Communication

Professors: Tatyana Dumova, Ph.D.; David Fabilli, M.A.; Helen Fallon, M.A.; Heather Starr Fiedler, Ph.D.; Steven Hallock, Ph.D.; Timothy Hudson, Ph.D.; William Moushey, M.S.; Robert O’Gara, M.A.; Christopher Rolinson, M.F.A.

Associate Professors: Thomas Baggerman (Chair), Ph.D.; Robin Cecela, Ph.D.; Aimee-Marie Dorsten, Ph.D.; Robert Meyers, M.F.A.

Assistant Professors: April Friges, M.F.A.,

Instructors: Camille Downing, M.A.; Ben Schonberger, MFA

The mission of the Point Park University School of Communication is to provide students with a versatile, sustainable, professional communication education through sound academic coursework and significant creative and practical learning opportunities.

The School of Communication engages with three broad sets of media professions: Journalism, Public Relations and Advertising, and Visual and Interactive Communication.

The faculty of the School explore, address, and adapt to the changing nature and needs of 21st century media professions. Communication students study and work together in an atmosphere of interdisciplinary cooperation.

Journalism

At Point Park, students interested in newsgathering and reporting in print, broadcast and online media will find a long, strong and successful tradition of preparing professional journalists for the challenges of this noble and dynamic career. In addition, the School’s Journalism sequence offers one of the few professional bachelor’s degrees in Photojournalism available in the United States.

Public Relations and Advertising

In this area, students study traditional forms and methods of publicity, press relations, events planning, corporate communication, media planning, advertising and marketing, as well as innovative new concepts such as those associated with personal interactive media and social media.

Visual and Interactive Communication

This area represents a growing set of careers in multimedia creation, design, planning and production. These careers require a future-oriented merger of creativity and technology. Course subjects include: audio and video production, broadcast programming, web design, graphic design, desktop publishing, media culture and technology, and writing for interactive media. This area sequence is also home to our unique and comprehensive Bachelor of Fine Arts degree program in Photography. Students in this area stake out successful careers as photographers, television directors, web developers, ad designers, radio programmers, and multimedia “experts” for traditional media organizations as well as just about every other profession on the planet (business, education, health, government, sports, etc.).

The School also offers a general mass communication major, incorporating courses from all. School of Communication students enjoy a rich and exciting blend of hands-on educational experiences in small class settings. Point Park’s unique urban location in the heart of Pittsburgh (a top 25 national media market) provides students with faculty who are proven professionals, well connected to top media and mass communication organizations. Major government (local, state and federal), news media (broadcasting, print and Internet) and advertising/ public relations firms are within walking distance to provide frequent guest speaker presentations and the best internship opportunities.

Minimum Grade Requirements

In addition to Point Park's general education courses, Communication students begin their course of study with JOUR 101 and 103.

Students pursuing one of the Bachelor of Arts degree programs must earn a "C-" or above in JOUR 150 and in the second writing course in their major. Students are allowed two attempts to achieve those minimum grades, but following the second failure they must stop taking "JOUR" classes for one semester. The student may then reapply to the chair to begin taking "JOUR" classes again, providing the School with evidence that success in the problem course is likely. Students may not graduate with an "F" in any Communication course.

Public Relations and Advertising students select the following major:

1. Public Relations and Advertising (BA)

Journalism students select the following major:

1. Journalism (BA)

Visual and Interactive Communication students select one of the following three majors:

1. Multimedia (BA)
2. Photography (BFA)
3. Broadcast Production and Media Management (BA)
4. Graphic & Interactive Design (BFA)

Minor

Students minor in the School of Communication in two different ways. There are minors for those currently enrolled in the School and those outside of the School as follows:

Minors for Communication majors:

A current Communication major will be able to minor in another area by taking four Communication courses beyond the major requirements for his/ her specific School of Communication major program guide. With the guidance of an academic advisor, the student will select from all Communication courses not specifically required in his or her major.

Bachelor's Degree Requirements

A typical Communication degree program consists of the following:

- Core Requirements
- Department General Requirements
- Department Major Requirements
- General Electives

By the sophomore year, students should declare one of the structured majors in consultations with their advisers. Students wishing to pursue a more general mass communication program should select the "mass communication" concentration. A minor or second major is recommended to strengthen and broaden the student's knowledge base and career marketability. The 15 credits from general electives may be used to minor in another discipline or toward a double major.

Public Relations and Advertising Majors: Detailed Requirements

Bachelor of Arts Degree with a major in Public Relations and Advertising

Program Objectives

1. Research, write and edit professional quality public relations and advertising materials.
2. Demonstrate an understanding of principles of media design, aesthetics, and composition.
3. Apply ethical and legal principles to integrated communications campaigns and programs.
4. Conduct and analyze primary and secondary research, including interpreting surveys, managing focus groups, and interpreting Web analytics.
5. Critically analyze the quality and effectiveness of advertising, public relations, marketing, and promotion campaigns.
6. Employ professional-level public relations and advertising skills to create campaigns to meet client needs.

Core Requirements

42 credits

Required Courses in the Thematic Core

GRID103 Graphic Design I – Discover Technology

JOUR 433 Advertising Competition OR JOUR 497 IMC Agency - Capstone

Department General Requirements

18 credits

Humanities (3)

ENGL (Designated English Literature) - 3 credits

Language Sequence (6)

A two course sequence in the same foreign language (courses in translation excluded) - 6 credits

Social Sciences (9)

ECON (201, 202, or 421) - 3 credits

HIST (203 or 204) - 3 credits

POLS (102, 202, 205, 209, 250, 308, 372 or 402) - 3 credits

Department Major Requirements

47 credits

JOUR 101 Mass Media Literacy- 3 credits

JOUR 150 Journalistic Writing and Editing - 3 credits

JOUR 206 Introduction to Advertising and PR - 3 credits

JOUR 239 IMC Research for Ad/PR - 3 credits

JOUR 255 Advertising and PR Writing - 3 credits

JOUR 300 Career Prep - 1 credit

JOUR 301 Ad Copy/Layout (IMC 330) - 3 credits

JOUR 306 Social Media (IMC 345) - 3 credits

JOUR 311 Practicum - 1 credit

JOUR 326 IMC Planning - 3 credits

JOUR 412 Media Ethics and Responsibilities - 3 credits

JOUR 418 Communication Law and Regulation - 3 credits

Major Electives (15)

Choose five courses from the following:

- IMC 472 Media Planning and Buying - 3 credits
- JOUR 215 Video Production - 3 credits
- JOUR 280 Introduction to Multimedia - 3 credits
- GRID 307 Graphic Design II - 3 credits
- JOUR 313 Mass Media Internship I - 3 credits
- JOUR 327 Public Relations Issues and Practices - 3 credits
- GRID 336 Advertising and PR graphics - 3 credits
- JOUR 390 International Media - 3 credits
- JOUR 413 Mass Media Internship II - 3 credits
- JOUR 416 Special Events Planning - 3 credits
- JOUR 433 Advertising Competition -3 credits
- JOUR 436 Advertising Campaigns - 3 credits
- JOUR 497 IMC Agency - 3 credits
- PHOT 205 Introduction to Digital Photography - 3 credits

General Electives

15 credits

Minimum credits for B.A. degree

122 credits

Journalism Majors: Detailed Requirements

Bachelor of Arts Degree with a major in Journalism

Program Objectives

1. Demonstrate professional-level journalism reporting, writing, photojournalism and editing skills, and news judgment.
2. Demonstrate an understanding of principles of aesthetics and composition.
3. Apply ethical and legal principles to media production and distribution.
4. Apply basic and advanced interview techniques, appropriate for professional journalistic work.
5. Demonstrate an ability to research and develop sources for reporting.
6. Produce professional-level short and/or long-form reporting and/or documentary packages for multiple media platforms.

Core Requirements

42 credits

Required Courses in the Thematic Core

- GRID 103 Graphic Design I - Discover Technology
- ECON 201 - 3 credits -Explore the World
- JOUR 490 OR JOUR 445 OR PHOT 470 - Senior Capstone

Department General Requirements

18 credits

Humanities (3)

- ENGL (Designated English Literature) - 3 credits

Language Sequence (6)

A two course sequence in the same foreign language (courses in translation excluded) - 6 credits

Social Sciences (6)

HIST (203 or 204) - 3 credits

POLS (102, 202, 205, 209, 250, 308, 372 or 402) - 3 credits

Department Major Requirements

53 credits

JOUR 101 Mass Media Literacy - 3 credits

JOUR 150 Journalistic Writing and Editing - 3 credits

JOUR 151 Broadcast Writing and Editing - 3 credits

JOUR 215 Video Production & Editing - 3 credits

JOUR 260 Reporting - 3 credits

JOUR 280 Introduction to Multimedia - 3 credits

JOUR 300 Career Prep Seminar - 1 credit

JOUR 302 Intro to Photojournalism I- 3 credits

JOUR 304 Broadcast News Reporting - 3 credits

JOUR 308 Multiplatform Magazine Reporting - 3 credits

JOUR 309 Applied Studio Practices OR JOUR 311 Practicum - 1 credit

JOUR 317 On Camera Performance

OR JOUR 324 Broadcast Announcing - 3 credits

OR JOUR 319 Data Journalism & Representation

CHOOSE ONE: JOUR 257,406,408, OR 410- 3 credits

JOUR 465 Mass Media History- 3 credits

JOUR 412 Media Ethics and Responsibilities - 3 credits

JOUR 418 Communication Law and Regulation - 3 credits

PHOT 205 Intro to Digital Photography - 3 credits

Department Electives (9)

Choose three courses from the following with advisor approval:

NSET 122 The Science of Light- 3 credits

GRID 307 Graphic Design II- 3 credits

JOUR 202 Introduction to Broadcasting - 3 credits

JOUR 206 Introduction to Advertising and PR- 3 credits

JOUR 216 Multi-camera Video Production Directing- 3 credits

JOUR 220 Writing for Multimedia & Web- 3 credits

JOUR 223 Radio Production- 3 credits

JOUR 257 Feature Writing- 3 credits

JOUR 310 Multiplatform Magazine Reporting II - 3 credits

JOUR 312 Advanced Reporting - 3 credits

JOUR 313 Internship I - 3 credits

JOUR 314 Entrepreneurial Journalism - 3 credits

JOUR 315 Introduction to Photojournalism II- 3 credits

JOUR 320 Information Graphics - 3 credits

JOUR 406 Public Affairs Reporting - 3 credits

JOUR 408 Magazine Article Writing - 3 credits

JOUR 409 Specialized Reporting - 3 credits

JOUR 410 Investigative Reporting - 3 credits

JOUR 413 Internship II - 3 credits

JOUR 414 Business of Photography- 3 credits

JOUR 420 Web Publishing II- 3 credits
 JOUR 424 Adv. Broadcast Announcing- 3 credits
 JOUR 445 Editing & Producing the News- 3 credits
 JOUR 446 History of Documentary Cinema- 3 credits
 JOUR 465 Mass Media History- 3 credits
 PHOT 204 Intro to Black & White Photography- 3 credits
 PHOT 207 or PHOT 208 History of Photography I OR II- 3 credits
 PHOT 309 Black & White Photo II- 3 credits
 PHOT 316 Studio Photography- 3 credits
 PHOT 414 Business of Photography- 3 credits

General Electives

9 credits

Minimum credits for B.A. degree

125 credits

Bachelor of Arts Degree with a major in Photojournalism

(No longer accepting new applicants as of FALL 2019)

Bachelor of Arts Degree with a major in Environmental Journalism

(No longer accepting new applicants as of FALL 2019)

Bachelor of Arts Degree with a major in Broadcast Reporting

(No longer accepting new applicants as of FALL 2019)

Visual and Interactive Communication Majors: Detailed Requirements

Bachelor of Arts Degree with a major in Graphic & Interactive Design

Program Objectives

1. Research, create, design and produce materials for a variety of graphic and interactive design projects.
2. Demonstrate an understanding of design principles, aesthetics and composition.
3. Apply ethical and legal principles to media production and distribution.
4. Demonstrate the ability to customize design projects for a variety of audiences and messages.
5. Demonstrate the ability to use industry-standard hardware, software and tools to create professional quality projects for a variety of print and digital platforms.
6. Design and produce professional-level visual communication design projects.
7. Create a professional-level portfolio of graphic and interactive design work.

Core Requirements

42 credits

Required Courses in the Thematic Core

ART 100- Apply and Appreciate the Arts
 GRID 103 Graphic Design I- Discover Technology
 GRID 490 Graphic Design Capstone -3 credits

Department Major Requirements

70 credits

ART 213 Intro to Drawing- 3 credits
ART 306 American Art- 3 credits
GRID 160 Graphic Design Thinking- 3 credits
GRID 205 Graphic Design Illustration- 3 credits
GRID 250 History of Graphic Design - 3 credits
GRID 305 Typography- 3 credits
GRID 307 Graphic Design II - 3 credits
GRID 340 Interactive Design I-3 credits
GRID 336 Branding & Corporate Identity- 3 credits
GRID 355 Magazine & Marketing Design- 3 credits
GRID 405 Packaging & Retail Design- 3 credits
GRID 415 Typography II- 3 credits
GRID 440 Interactive Design II- 3 credits
JOUR 101 Mass Media Literacy - 3 credits
JOUR 206 Intro to Advertising and PR- 3 credits
JOUR 215 Video Production and Editing I - 3 credits
JOUR 301 Advertising Copy & Layout OR
 JOUR 303 Motion Graphics- 3 credits
JOUR 311 Practicum - 1 credit
JOUR 418 Communication Law and Regulation - 3 credits
PHOT 110 Foundations of Art & Design- 3 credits
PHOT 205 Introduction to Digital Photography - 3 credits
PHOT 316 Studio Photography- 3 credits
PHOT 350 Digital Photo Editing- 3 credits
PHOT 368 Exploring Art Through Prose- 3 credits

Major Electives

9 credits

ART 305 Modern Art- 3 credits
JOUR 280 Intro to Multimedia-3 credits
JOUR 301 Advertising Copy & Layout OR
 JOUR 303 Motion Graphics- 3 credits
JOUR 306 Social Media Practices- 3 credits
JOUR 313 Mass Media Internship I- 3 credits
JOUR 329 Professional Video Techniques- 3 credits
JOUR 412 Media Ethics & Responsibilities- 3 credits
JOUR 413 Mass Media Internship II- 3 credits

General Electives

6 credits

Minimum credits for B.A. degree

127 credits

Bachelor of Arts Degree with a major in Multimedia

Program Objectives

1. Research, write and edit materials for a variety of media platforms.
2. Demonstrate an understanding of principles of media design, aesthetics and composition.
3. Apply ethical and legal principles to media production and distribution.
4. Demonstrate the ability to customize media materials for a variety of audiences and messages.
5. Use industry-standard hardware and software to create multimedia projects for a variety of media platforms.
6. Produce professional-level media pieces including photographs, video, Web and graphic design.

Core Requirements

42 credits

Required Courses in the Thematic Core

GRID103 Graphic Design I- Discover Technology
JOUR 455 Multimedia Capstone - Senior Capstone

Department General Requirements

18 credits

Humanities (3)

ENGL (Designated English Literature) - 3 credits

Language Sequence (6)

A two course sequence in the same foreign language (courses in translation excluded) - 6 credits

Social Sciences (9)

ECON (201, 202, or 421) - 3 credits
HIST (203 or 204) - 3 credits
POLS (102, 202, 205, 209, 250, 308, 372 or 402) - 3 credits

Department Major Requirements

32 credits

GRID 307 Graphic Design II - 3 credits
JOUR 101 Mass Media Literacy - 3 credits
JOUR 150 Journalistic Writing and Editing - 3 credits
JOUR 215 Video Production and Editing I - 3 credits
JOUR 220 Writing for Multimedia and the Web - 3 credits
JOUR 280 Introduction to Multimedia - 3 credits
JOUR 300 Career Prep - 1 credit
JOUR 311 Practicum - 1 credit
JOUR 365 Web Publishing and Editing - 3 credits
JOUR 412 Media Ethics and Responsibilities - 3 credits
JOUR 418 Communication Law and Regulation - 3 credits
PHOT 205 Introduction to Digital Photography - 3 credits

Choose one Concentration

18 credits

Multimedia Concentration

Choose six courses from the following:

GRID 305 Typography - 3 credits
 GRID 336 Branding & Corporate Identity - 3 credits
 GRID 355 Magazine & Marketing Design - 3 credits
 GRID 405 Packaging & Retail Design - 3 credits
 JOUR 223 Radio Production - 3 credits
 JOUR 260 Reporting - 3 credits
 JOUR 301 Advertising Copy & Layout - 3 credits
 JOUR 303 Motion Graphics - 3 credits
 JOUR 306 Social Media Practices - 3 credits
 JOUR 312 Advanced Reporting - 3 credits
 JOUR 313 Mass Media Internship I - 3 credits
 JOUR 320 Information Graphics - 3 credits
 JOUR 329 Professional Video Techniques - 3 credits
 JOUR 390 International Media - 3 credits
 JOUR 413 Mass Media Internship II - 3 credits
 JOUR 420 Web Publishing II - 3 credits

Graphic Design Concentration

Choose six courses from the following:

GRID 205 Graphic Design Illustration - 3 credits
 GRID 305 Typography - 3 credits
 Select four of the following courses (12 credits):
 ART 213 Introduction to Drawing - 3 credits
 JOUR 301 Advertising Copy & Layout - 3 credits
 JOUR 303 Motion Graphics - 3 credits
 JOUR 320 Information Graphics - 3 credits
 GRID 336 Branding & Corporate Identity - 3 credits
 GRID 355 Magazine * Marketing Design - 3 credits
 GRID 405 Packaging & Retail Design - 3 credits

General Electives

12 credits

Minimum credits for B.A. degree

122 credits

Bachelor of Fine Arts Degree with a major in Photography

Program Objectives

1. Research, write and edit materials for a variety of audiences exploring topics in visual art and photography, and compose artist statements for exhibition.
2. Describe and demonstrate knowledge of the history, aesthetic standards, professional and artistic characteristics of art and photography.
3. Construct moral philosophies around the medium by applying knowledge of best practices in the industry, utilizing ethical and legal principles, within professional and nonconventional standards.

4. Demonstrate an applied understanding of the visual language of photography and the ability to incorporate technical, formal and conceptual competencies in their creative work with interpretation of other artistic media.
5. Professionally assess and critique (describe, interpret, evaluate and theorize articulated both verbally and in written form) one's own photographs and those produced by others.
6. Demonstrate their ability to produce lens based work that is consistent with high professional standards, suitable for publication and/or gallery exhibition.

Core Requirements

42 credits

Required Courses in the Thematic Core

ART 100 Introduction to Visual Arts - Appreciate and & Apply the Arts
 GRID 103 Graphic Design I - Discover Technology
 NSET 122 The Science of Light - Investigate Science
 PHOT 482 Senior Thesis II - Capstone

Department General Requirements

9 credits

ART 305 Modern Art OR
 ART 306 American Art - 3 credits
 ART 213 Introduction to Drawing - 3 credits

Department Major Requirements

72 credits

JOUR 101 Mass Media Literacy - 3 credits
 JOUR 215 Video Production and Editing I - 3 credits
 JOUR 365 Web Publishing I - 3 credits
 JOUR 418 Communication Law & Regulation- 3 credits
 PHOT 110 Foundations of Art & Design I- 3 credits
 PHOT 204 Black and White Photography I - 3 credits
 PHOT 205 Introduction to Digital Photography - 3 credits
 PHOT 207 History of Photography I - 3 credits
 PHOT 208 History of Photography II - 3 credits
 PHOT 309 Black and White Photography II - 3 credits
 PHOT 310 View Camera Techniques - 3 credits
 PHOT 316 Studio Photography - 3 credits
 PHOT 322 Color Photography - 3 credits
 PHOT 350 Digital Photo Editing - 3 credits
 PHOT 365 Experimental Video- 3 credits
 PHOT 368 Experimental Video-3 credits
 PHOT 370 Contemporary Issues in Photography - 3 credits
 PHOT 390 Advanced Photography- 3 credits
 PHOT 400 Photographic Art Marketing- 3 credits
 PHOT 414 Business of Photography - 3 credits
 PHOT 470 Documentary Photography - 3 credits
 PHOT 481 Senior Thesis I- 3 credits

Major Electives:

18 credits

ART 215 Finding Your Vision, Finding Your Voice-3 credits

GRID 205 Graphic Design Illustration- 3 credits
GRID 305 Typography- 3 credits
GRID 307 Graphic Design II- 3 credits

JOUR 150 Journalistic Writing and Editing - 3 credits
JOUR 302 Photojournalism I
JOUR 303 Motion Graphics
JOUR 308 Multiplatform Magazine Reporting - 3 credits
JOUR 313 Internship I - 3 credits
JOUR 329 Professional Video Techniques - 3 credits
JOUR 390 International Media- 3 credits
JOUR 413 Internship II - 3 credits
JOUR 446 History of Documentary Cinema- 3 credits
PHOT 311 Experimental Photography - 3 credits
PHOT 340 Specialized Photography* - 3 credits
PHOT 351 Digital Printing Methodology - 3 credits
PHOT 360 Alternative Processes I - 3 credits
PHOT 361 Alternative Processes II - 3 credits
PHOT 375 Self-Publishing the Photobook- 3 credits
PHOT 380 Contemporary Portraiture- 3 credits
PHOT 383 Constructed Still Life Photography- 3 credits
PHOT 385 Commercial & Editorial Photography - 3 credits
PHOT 390 Advanced Photography**- 3 credits
PHOT 490 Interdisciplinary Projects - 3 credits

**PHOT 340 may be repeated up to 3 times for 9 credits total towards Major Electives*

*** PHOT 390 may be repeated up to 3 times for 9 credits total towards Major Electives*

OR

Commercial Photography Concentration:

18 credits

PHOT 380 Contemporary Portraiture- 3 credits
PHOT 383 Constructed Still Life Photography- 3 credits
PHOT 385 Commercial & Editorial Photography - 3 credits
And choose four Major Electives courses- 12 credits

Minimum credits for B.F.A. degree

132 credits

Bachelor of Arts Degree in Broadcast Production and Media Management

Program Objectives

1. Demonstrate knowledge of professional standards of broadcast writing.
2. Demonstrate an understanding of principles of aesthetics and composition.
3. Apply ethical and legal principles to media production and distribution.
4. Demonstrate the ability to use industry-standard hardware and software to produce professional quality video and audio projects.
5. Evaluate and interpret the historical, business and news environment in which broadcasters operate.

6. Produce professional-level video and/or audio projects suitable for broadcast distribution.

Core Requirements 42 credits

Required Courses in the Thematic Core

GRID 103 Graphic Design I - Discover Technology
JOUR 447 Electronic Media Management - Senior Capstone

Department General Requirements 18 credits

Humanities (3)

ENGL (Designated English Literature) - 3 credits

Language Sequence (6)

A two course sequence in the same foreign language (courses in translation excluded) - 6 credits

Social Sciences (9)

ECON (201, 202, or 421) - 3 credits
HIST (203 or 204) - 3 credits
POLS (102, 202, 205, 209, 250, 308, 372 or 402) - 3 credits

Department Major Requirements 35 credits

JOUR 101 Mass Media Literacy -3 credits
JOUR 150 Journalistic Writing and Editing -3 credits
JOUR 151 Broadcast Writing and Editing -3 credits
JOUR 202 Introduction to Broadcasting -3 credits
JOUR 215 Video Production and Editing -3 credits
JOUR 216 Multi-Camera Video Production and Directing -3 credits
JOUR 223 Radio Production -3 credits
JOUR 300 Career Prep - 1 credit
JOUR 309 Applied Studio Practices - 1 credit OR
 JOUR 311 Practicum -1 credit
JOUR 323 Radio Station Practices OR
 JOUR 325 Broadcast Programming and Formatting - 3 credits
JOUR 341 Broadcast Copywriting -3 credits
JOUR 412 Media Ethics and Responsibilities -3 credits
JOUR 418 Communication Law and Regulation -3 credits

Department Electives (12)

Choose four courses from the following:

JOUR 220 Writing for Multimedia and the Web -3 credits
JOUR 280 Introduction to Multimedia -3 credits
JOUR 303 Motion Graphics -3 credits
JOUR 313 Mass Media Internship I -3 credits
JOUR 323 Radio Station Practices -3 credits
JOUR 325 Broadcast Programming and Formatting -3 credits
JOUR 329 Professional Video Techniques -3 credits
JOUR 365 Web Publishing I -3 credits
JOUR 390 International Media -3 credits

JOUR 413 Mass Media Internship II -3 credits
JOUR 423 Advanced Radio Production -3 credits
JOUR 442 Advanced Television Production -3 credits
JOUR 446 History of Documentary Cinema -3 credits

General Electives

12 credits

Minimum credits for B.A. degree

122 credits

Post-Baccalaureate Program in Communication

While Point Park University encourages students who possess a baccalaureate degree to enter the graduate program in The School of Communication, a post baccalaureate program leading to the Bachelor of Arts degree with a major in Journalism and Mass Communication is available for those students who have a special need to earn another undergraduate degree.

Designed as a three- to four- term sequence, the program includes 24 credits of J/MC core courses, and 18 credits in one concentration. In addition to this 42 credit total, 21 credits of prerequisites or co-requisites are required.

Post Baccalaureate Bachelor of Arts Degree with a major in Journalism and Mass Communication

Program Objectives

1. Demonstrate preparation of the professional work place.
2. Use industry standard software and hardware to design, produce and publish industry quality work via a variety of media platforms.
3. Apply ethical and legal principles to digital media production and distribution.
4. Research, write and design media materials for a variety of audiences and messages.
5. Produce an industry acceptable portfolio that will lead to internships and employment.

Prerequisites or Co-requisites to the program

21 credits

Choose ONE course from each group

Group 1:

BMGT 101 Introduction to Business - 3 credits
BMGT 208 Principles of Management - 3 credits
BMGT 312 Organizational Behavior - 3 credits
MKTS 205 Principles of Marketing- 3 credits
MLNG Elective - 3 credits

Group 2:

CMPS 114 Problem Solving with Information Technology - 3 credits
MATH 175 Elementary Statistics - 3 credits
NSET 110 Introduction to the Natural Sciences - 3 credits
NSET 111 Introduction to the Life Sciences - 3 credits

Group 3:

ECON 201 Principles of Economics /Macroeconomics - 3 credits

ECON 202 Principles of Economics /Microeconomics - 3 credits

Group 4:

ENGL 201 Advanced Composition - 3 credits

ENGL 260-263 - 3 credits

ENGL 340-344 - 3 credits

ENGL 365 - 367 - 3 credits

Group 5:

HIST 215 French Culture - 3 credits

HIST 216 Spanish Culture - 3 credits

HIST 312 Africa: Land in Ferment - 3 credits

HIST 327 Twentieth Century Europe - 3 credits

HIST 334 History of England - 3 credits

HIST 352 History of Modern Russia - 3 credits

Group 6:

POLS 102 American National Government - 3 credits

POLS 205 World Geography - 3 credits

SOC 111 World Cultures - 3 credits

Group 7:

PSYC 150 Psychological Foundations - 3 credits

PSYC 210 Industrial Psychology - 3 credits

PSYC 313 Social Psychology - 3 credits

ART 100 Introduction to the Visual Arts - 3 credits

MUS 101 Music Appreciation - 3 credits

Department Major Requirements

24 credits

GRID 103 Graphic Design I - 3 credits

JOUR 101 Mass Media Literacy - 3 credits

JOUR 150 Journalistic Writing and Editing - 3 credits

JOUR 151 Broadcast Writing and Editing - 3 credits

JOUR 202 Introduction to Broadcasting - 3 credits

JOUR 206 Introduction to Advertising and PR - 3 credits

JOUR 412 Media Ethics & Responsibilities - 3 credits

JOUR 418 Communication Law and Regulation - 3 credits

Choose one concentration

18 credits

Advertising

JOUR 239 IMC Research - 3 credits

JOUR 301 Advertising Copywriting and Layout - 3 credits

JOUR 306 Social Media Practices - 3 credits

JOUR 326 IMC Planning - 3 credits

JOUR 341 Broadcast Copy Writing - 3 credits

JOUR 433 Advertising Competition - 3 credits

Broadcast Production

JOUR 215 Video Production and Editing I - 3 credits
JOUR 216 Multicamera Studio Production - 3 credits
JOUR 233 Radio Production - 3 credits
JOUR 323 Radio and Music Programming and Sales OR
 JOUR 325 Video and Interactive Media Programming and Sales - 3 credits
JOUR 447 Electronic Media Management - 3 credits
JOUR 300+ Broadcast Elective - 3 credits

Broadcast Reporting

JOUR 215 Video Production and Editing I - 3 credits
JOUR 317 On-Camera Performance OR
 JOUR 324 Broadcast Announcing - 3 credits
JOUR 304 Broadcast News Reporting - 3 credits
JOUR 445 Editing & Producing the News - 3 credits
JOUR 200+ Broadcast or Reporting Elective - 3 credits
JOUR 300+ Broadcast or Reporting Elective - 3 credits

Graphic Design

JOUR 205 Graphic Design Illustration - 3 credits
JOUR 305 Typography - 3 credits
JOUR 307 Graphic Design II - 3 credits
JOUR 336 Branding & Corporate Identity - 3 credits
JOUR 300+ Graphic Design Elective- 3 credits
JOUR 300+ Graphic Design Elective - 3 credits

Journalism

JOUR 215 Video Production & Editing I - 3 credits
JOUR 257 Feature Writing - 3 credits
JOUR 260 Reporting - 3 credits
JOUR 280 Introduction to Multimedia - 3 credits
JOUR 308 Multiplatform Magazine Reporting - 3 credits
PHOT 205 Introduction to Digital Photography - 3 credits

Mass Communication

JOUR 260 Reporting - 3 credits
JOUR 280 Introduction to Multimedia - 3 credits
JOUR 308 Multiplatform Magazine Reporting - 3 credits
PHOT 205 Introduction to Digital Photography - 3 credits
JOUR 200+ JOUR Elective - 3 credits
JOUR 300+ JOUR Elective - 3 credits

Multimedia

JOUR 220 Writing for Multimedia - 3 credits
JOUR 280 Introduction to Multimedia - 3 credits
JOUR 307 Graphic Design II - 3 credits
JOUR 455 Multimedia Capstone - 3 credits

JOUR 200+ or PHOT elective - 3 credits

JOUR 300+ or PHOT elective - 3 credits

Photography

PHOT 204 Introduction to Black and White Photography - 3 credits

PHOT 205 Introduction to Digital Photography - 3 credits

PHOT 322 Color Photography - 3 credits

PHOT 350 Digital Photo Editing - 3 credits

PHOT 414 The Business of Photography - 3 credits

PHOT 200+ PHOT Elective - 3 credits

Photojournalism

JOUR 302 Photojournalism I - 3 credits

JOUR 315 Photojournalism II - 3 credits

PHOT 205 Introduction to Digital Photography - 3 credits

PHOT 350 Digital Photo Editing - 3 credits

PHOT 470 Documentary Photography - 3 credits

PHOT 200+ PHOT Elective - 3 credits

Public Relations

JOUR 239 IMC Research - 3 credits

JOUR 255 Public Relations Writing - 3 credits

JOUR 306 social Media Practices - 3 credits

JOUR 326 IMC Planning - 3 credits

JOUR 327 Public Relations Issues and Practices - 3 credits

JOUR 497 IMC Agency - 3 credits

Minimum credits for Post Baccalaureate B.A. degree

42 credits

School of Communication Minors

The minors in the School of Communication listed below are available to all students at Point Park University. Communication minors consist of 18 credits.

Students within the School of Communication may apply for a minor in another concentration area by taking four courses beyond their major requirements listed on every advising worksheet. All minors listed below are for students who are not majors in the School of Communication.

Broadcast Production Minor (18 credits)

JOUR 150 Journalistic Writing and Editing - 3 credits

JOUR 151 Broadcast Writing and Editing - 3 credits

JOUR 202 Introduction to Broadcasting - 3 credits

Three broadcast production electives chosen in consultation with faculty advisor - 9 credits

Broadcast Reporting Minor(18 credits)

JOUR 150 Journalistic Writing and Editing - 3 credits
JOUR 151 Broadcast Writing and Editing - 3 credits
JOUR 202 Introduction to Broadcasting - 3 credits
Three broadcast reporting electives chosen in consultation with faculty advisor - 9 credits

Graphic Design Minor(18 credits)

GRID 103 Graphic Design I - 3 credits
JOUR 101 Mass Media Literacy - 3 credits
JOUR 205 Graphic Design Illustration - 3 credits
JOUR 305 Typography - 3 credits
JOUR 307 Graphic Design II - 3 credits
Graphic design elective - 3 credits

Journalism Minor (18 credits)

JOUR 101 Mass Media Literacy - 3 credits
JOUR 150 Journalistic Writing and Editing - 3 credits
JOUR 260 Reporting - 3 credits
Three JOUR electives chosen in consultation with faculty advisor

Mass Communication Minor (18 credits)

JOUR 101 Mass Media Literacy - 3 credits
JOUR 150 Journalistic Writing and Editing - 3 credits
JOUR 202 Introduction to Broadcasting - 3 credits
JOUR 206 Introduction to Advertising and PR - 3 credits
Two JOUR electives chosen in consultation with faculty advisor

Multimedia Minor (18 credits)

JOUR 101 Mass Media Literacy - 3 credits
GRID 103 Graphic Design I - 3 credits
JOUR 220 Writing for Multimedia and the Web - 3 credits
JOUR 280 Introduction to Multimedia - 3 credits
Two JOUR electives chosen in consultation with faculty advisor

Photography Minor (18 credits)

PHOT 204 Black and White Photography I - 3 credits
PHOT 205 Introduction to Digital Photography - 3 credits
PHOT 316 Studio Photography - 3 credits
PHOT 350 Digital Photo Editing- 3 credits
Choose One:
PHOT 309 Black and White Photography I- 3 credits
PHOT 322 Color Photography- 3 credits
PHOT 380 Contemporary Portraiture- 3 credits
PHOT 383 Constructed Still Life Photography- 3 credits
PHOT 385 Commercial & Editorial Photography-3 credits

Photojournalism Minor (18 credits)

GRID 103 Graphic Design I - 3 credits
JOUR 101 Survey of Mass Communications - 3 credits
JOUR 150 Journalistic Writing and Editing - 3 credits
JOUR 302 Introduction to Photojournalism - 3 credits
PHOT 205 Introduction to Digital Photography - 3 credits
PHOT 470 Documentary Photography - 3 credits

Public Relations and Advertising Minor (18 credits)

JOUR 101 Mass Media Literacy - 3 credits
JOUR 150 Journalistic Writing and Editing - 3 credits
JOUR 206 Introduction to Advertising and PR - 3 credits
Three JOUR electives chosen in consultation with faculty advisor

Social Media Minor(18 credits)

JOUR 101 Mass Media Literacy - 3 credits
JOUR 220 Writing for Multimedia and the Web - 3 credits
JOUR 306 Social Media Practices - 3 credits
JOUR 453 Social Media Crisis & Strategic Communications - 3 credits
JOUR 463 Social Media Analytics & SEO - 3 credits
JOUR 473 Social Media Campaigns - 3 credits

Graduate Studies

The School of Communication offers three graduate degrees, a Master of Arts in Communication Technology, a Master of Arts Degree in Media Communication and a concurrent Master of Arts Degree in Media Communication and Master of Business Administration Degree with the School of Business. Graduate catalogs are available from the Office of Graduate and Adult Enrollment or the department. For a graduate catalog or information, visit the website or please call [Graduate Admissions Office](#) at (412) 392-3808.

The School of Education

Professors: Christal Chaney, Ph.D.; Darlene Marnich (Chair), Ph.D.; Vincenne Revilla Beltran, Ph.D.

Associate Professors: Stanley Denton, Ph.D.; Janice Glunk, Ed.D.; Richard Gutkind, Ph.D.

Assistant Professors: Virginia Chambers, Ph.D.; Matthew Vogel, Ph.D.; Arleen Wheat, Ph.D.

Lecturers: Denise Beverina Moore, M.A.; Ronald Dufalla, Ph.D.; Elisabeth Ehrlich, Ph.D.

Instructors: Eric Stennett, Ed.D

The School of Education at Point Park University offers a wide array of undergraduate programs covering elementary and secondary education – with the opportunity for special education dual certification – as well as programs in instructional studies and early childhood education.

The School is focused on student success and a practical approach to education theory. It's mission is to prepare students to assume their role as an instructional leader and teachers through hands-on coursework, evaluation and experiences relating to content knowledge, pedagogy, academic standards and professional competencies through a wide variety of field experiences, evaluations, exposure to educational materials and teaching strategies, technologies and assessment practices.

The goal is to develop quality, innovative, holistic, humanistic programs in which students majoring in education can acquire knowledge of subject areas and specific pedagogical methodologies appropriate for teaching those subjects with a special emphasis on the interconnection among all subjects as well as facts, skills and attitudes.

From the first education course that students take, classroom observations and presentations will be required. Professors will work with students to develop instructional projects that will best help each individual meet their Pennsylvania teacher certification goal. The faculty and staff in the School of Education make it a point to forge relationships with students to better guide them through their chosen academic program.

Application to the School of Education

After completing 48 credit hours, all students must apply for admission into teacher certification programs offered through Education. Admission requirements include the following: passing scores for all PDE approved Pre-Professional exams (Reading, Writing and Mathematics), documentation of at least 40 observation hours, an overall 3.0 G.P.A., successful completion of the following: six credits of university-level English/Literature, six credits of university-level mathematics, nine credits of EDUC or SPED courses (100 or 200 level) with a minimum of a 3.0 in those courses. In addition, students must have the following clearances: Criminal Record Check (Act 34) clearance, Child Abuse History (Act 151) clearance, FBI clearance. Prior to admission into the School of Education, students are classified as “Education Undeclared” majors. Students can obtain an application for admission to the Department of Education from the Education Department office or the University website, www.pointpark.edu, and reference the School of Arts and Sciences, Education Department.

Education majors are expected to plan for assignments in observation / exploration activities and field experiences, culminating with supervised student teaching in the final semester. All programs leading to PA teacher certification require completion of 40 hours of observation / exploration and 150 hours of field experiences prior to student teaching. Observation / Exploration and Field Experiences must be completed in a variety of settings, grade level types, teaching situations and activities that contribute significantly to the enrichment of the students' experiences. In order for an activity to be considered “field experience,” there must be evidence of interaction with students. Examples of field experience activities include, but are not limited to, small group instruction, presentation of learning centers, tutoring, etc.

Application for Student Teaching

All students applying for student teaching placements must be admitted to the School of Education prior to submitting their application. Before student teaching, all students must complete and submit the “Application for Student Teaching Placement” form at the beginning of the semester prior to student teaching. The candidate needs to attend the group meeting to discuss student teaching, submit their application, and schedule an individual meeting with the Coordinator. When making application, students will request an area for their student teaching experience. The Student Teacher Outreach Coordinator will meet with student teacher candidates individually two times during the semester prior to the student teaching semester. All required artifacts need to be submitted to the Student Teacher Outreach Coordinator prior to the student teacher candidate receiving their student teaching placement. Prerequisites for Student Teaching include the following: full acceptance into the Education Department, completion on Professional Certification exams required by Pennsylvania Department of Education teacher certification (Please see the Pennsylvania Department of Education website for a list of required exams for a specific certification area); overall 3.0 G.P.A.; completion and documentation of all coursework and observation / exploration and field experiences; current FBI criminal background check, current Act 34 and 151 clearances; Negative TB test (within one year); along with other requirements. Application and additional information are available from the Education Department. Student teaching placements are made by the Student Teacher Outreach Coordinator, who has the final decision on making these assignments.

Application for PA Certification

In order to be eligible for teacher certification through the Pennsylvania Department of Education, the student must successfully complete all coursework of the program as well as maintain a minimum GPA of 3.0, pass the required professional exam(s), and demonstrate competence in student teaching. Once these standards have been met, the graduate is eligible to apply to the Pennsylvania Department of Education for their teaching certificate, then may be endorsed by the University. Point Park monitors the progress of teacher certification candidates through their performance in the following areas: content mastery; planning; classroom management; organization; monitoring student progress; leadership; sensitivity to students’ needs; problem analysis; strategic and tactical decision making; oral and written communication and presentation; professional standards and practice; and mastery of instructional technology.

All School of Education requirements are subject to changes in state and federal regulations.

Students may complete programs towards certification in Pre-K through Grade 4; Grades 4 – 8: Academic concentrations in English, Mathematics, Science or Social Studies, or Secondary Education, including Biological Sciences, Citizenship, English, Mass Communications, or Mathematics. Also, students have the option to simultaneously complete all Pennsylvania Department of Education requirements for Special Education certification at the appropriate grade level (Pre-K through Grade 8 or Grades 7 through 12).

Education offers two programs that fulfill community needs but do not lead to certification by the Commonwealth of Pennsylvania. The first, the Associate in Arts degree with a major in Early Childhood Education, prepares students to enter the profession as teacher’s aides, or work in Day Care settings. Most courses completed through the Associate in Arts degree are applicable to the Bachelor of Arts degree with a major in Education leading to PA certification in Pre-K through Grade 4. The second is the Bachelor of Arts with a major in Instructional Studies. This degree program has two academic concentrations: Early Childcare Administrator or Educational Leadership or the inclusion of a minor in the area of the student’s choice. Some opportunities for graduates of Instructional Studies include public school paraprofessional, private schools not requiring PDE certification, extended school programs, community centers, youth services agencies and profit and nonprofit organizations focused on children, youth and families.

Programs Leading to Certification

Pre-Kindergarten through Grade 4;
Pre-Kindergarten through Grade 4/Special Education Pre-K through Grade 8
Grade 4 through Grade 8 with English Concentration
Grade 4 through Grade 8 with English Concentration/Special Education Pre-K through Grade 8
Grade 4 through Grade 8 with Mathematics Concentration
Grade 4 through Grade 8 with Mathematics Concentration/Special Education Pre-K through Grade 8
Grade 4 through Grade 8 with Science Concentration
Grade 4 through Grade 8 with Science Concentration/ Special Education Pre-K through Grade 8
Grade 4 through Grade 8 with Social Studies Concentration
Grade 4 through Grade 8 with Social Studies Concentration/ Special Education Pre-K through Grade 8
Biological Sciences / Secondary Education
Biological Sciences / Special Education at the Secondary Level
Citizenship / Secondary Education
Citizenship / Special Education at the Secondary Level
English / Secondary Education
English / Special Education at the Secondary Level
Mathematics / Secondary Education
Mathematics / Special Education at the Secondary Level
Social Studies / Secondary Education
Social Studies / Secondary Education with Dual Certification in Special Education (7-12)

Dual Certification with Special Education: Pre-K Through Grade 8 Or Grades 7 Through 12

The Special Education Pre-K through Grade 8 and the Special Education Grades 7 through 12 will be combined with either a Pre-K through Grade 4 certification, Grades 4 through 8 certification, or a secondary (Grades 7 through 12) certification. The purpose of this requirement from the Pennsylvania Department of Education is to ensure that the preparation program for Special Education teachers prepares candidates that are highly qualified in the subject areas delineated by No Child Left Behind Act of 2001 (NCLB) and Individuals with Disabilities Education Improvement Act of 2004 (IDEA), for which they are the teacher of record, and who are able to meet the needs of special education students. These dual certifications will allow the candidate to teach in a special education setting, or accept a teaching assignment in a regular classroom setting that matches their chosen certification grade and content band.

The program design will provide candidates with skills, knowledge, and competencies necessary to meet the needs of students with disabilities in multiple settings. Candidates will demonstrate knowledge and competence in the areas of academic, social, and emotional growth, and methods to use that knowledge to maximize a student's capabilities. All Special Education, dual certification programs have been designed to be accomplished in a four year period. Included are seven semesters of coursework and a final (eighth) semester for the student teaching practicum.

Pre-Kindergarten through Grade 4

Point Park University's School of Education strives to prepare tomorrow's Pre-K through Grade 4 teachers to serve and value a diverse group of young children and families. The curriculum has been developed to meet the needs of children through Grade 4. In order to meet these needs, as well as the Pennsylvania Department of Education's requirements for certification, this program focuses on: Child Development, Cognition and Learning; Subject Matter Content and Pedagogy; Assessment; Family and Community Collaboration Partnerships; Professionalism; and, Adaptations and Accommodations for Diverse Students in an Inclusive Setting and Meeting the Needs of English Language Learners.

Bachelor of Arts Degree with a major in Education Leading to PA Certification Pre-K through Grade 4

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

MATH 150 Mathematical Problem Solving- Investigate Mathematics

EDUC 252 Children's Literature

EDUC 220 Family and Community Diversity - Understand People

EDUC 228 Educational Psychology - Understand People

EDUC 251 Arts and Music in Teaching - Appreciate and Apply the Arts

EDUC 101 Technological Literacy for Education for the 21st Century - Discover Technology

EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

12 credits

Mathematics Requirement (3)

MATH 155 General Mathematics - 3 credits

Social Sciences Requirement (9)

HIST 382 History of Pennsylvania: Focus on Pittsburgh

POLS 102 American National Government - 3 credits

PSYC 209 The Child from Conception to Nine - 3 credits

Education Requirements**66 credits**

EDUC 120 Building Family Partnerships - 3 credits
EDUC 150 Introduction to the Teaching Profession - 3 credits
EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 302 Reading Methods I - 3 credits
EDUC 303 Reading Methods II - 3 credits
EDUC 305 Methods of Mathematics I - 3 credits
EDUC 308 Teaching Social Studies -3 credits
EDUC 310 Teaching Science and Health - 3 credits
EDUC 315 Methods of Teaching Mathematics II -3 credits
EDUC 330 Educational Theories and Practices - 3 credits
EDUC 335 Program Development, Leadership and Organizational Change - 3 credits
EDUC 401 Differentiated Reading for the Developing Child - 3 credits
EDUC 411 Integrated Curriculum and Instruction - 3 credits
EDUC 422 Data Driven Instruction -3 credits
EDUC 425 Student Teaching Practicum - 12 credits
SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree**120 credits****Bachelor of Arts Degree with a major in Education Leading to PA Certification Pre-K through Grade 4 and Special Education Pre-K through Grade 8****Program Objectives**

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements**42 credits****Required Courses in the Thematic Core for Education Majors**

MATH 150 Mathematical Problem Solving- – Investigate Mathematics
EDUC 252 Children’s Literature
EDUC 220 Family and Community Diversity – Understand People
EDUC 228 Educational Psychology – Understand People
EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts
EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements	12 credits
Mathematics Requirements (3)	
MATH 155 General Mathematics - 3 credits	
Social Sciences Requirement (9)	
HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits	
POLS 102 American National Government - 3 credits	
PSYC 209 The Child from Conception to Nine - 3 credits	
Department Major Requirements	57 credits
EDUC 120 Building Family Partnerships - 3 credits	
EDUC 150 Introduction to the Teaching Profession - 3 credits	
EDUC 222 Assessment and Adaptation - 3 credits	
EDUC 250 Working with English Language Learners - 3 credits	
EDUC 302 Reading Methods I - 3 credits	
EDUC 303 Reading Methods II - 3 credits	
EDUC 305 Methods of Mathematics I - 3 credits	
EDUC 308 Teaching Social Studies - 3 credits	
EDUC 310 Teaching Science and Health - 3 credits	
EDUC 315 Methods of Teaching Mathematics II - 3 credits	
EDUC 330 Educational Theories and Practices - 3 credits	
EDUC 335 Program Development, Leadership, and Organizational Change - 3 credits	
EDUC 401 Differentiated Reading for the Developing Child - 3 credits	
EDUC 411 Integrating Curriculum and Instruction - 3 credits	
EDUC 422 Data Driven Instruction - 3 credits	
EDUC 425 Student Teaching Practicum - 12 credits	
Special Education Requirements	27 credits
SPED 180 Special Education and Inclusive Practices - 3 credits	
SPED 220 Instructional/Assistive Technology - 3 credits	
SPED 280 Positive Behavioral Interventions and Supports - 3 credits	
SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits	
SPED 282 Low Incidence Disabilities - 3 credits	
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits	
SPED 480 Professional Collaboration and Communication - 3 credits	
SPED 481 Intensive Reading/Writing/Mathematics for Special Education - 3 credits	
SPED 482 Effective Instructional Practice for Special Education - 3 credits	
Minimum credits for B.A. degree	138 credits

Post-Baccalaureate Program Bachelor of Arts Degree with a major in Education Leading to PA Certification Pre-K through Grade 4

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program

48 credits

Humanities and Social Sciences (9)

English Composition course - 3 credits

English Literature course - 3 credits

PSYC 209 The Child from Conception to Nine - 3 credits

Natural Sciences (6)

Two math courses - 6 credits

Social Sciences (3)

HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits

Education and Special Education (30)

EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits

EDUC 120 Building Family Partnerships - 3 credits

EDUC 220 Family and Community Diversity - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits

EDUC 228 Educational Psychology - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 251 Music and Arts in Teaching - 3 credits

EDUC 252 Children's Literature - 3 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

Department Major Requirements

51 credits

EDUC 302 Reading Methods I - 3 credits

EDUC 303 Reading Methods II - 3 credits

EDUC 305 Methods of Mathematics I - 3 credits

EDUC 308 Teaching Social Studies - 3 credits

EDUC 310 Teaching Science and Health - 3 credits

EDUC 315 Methods of Mathematics II - 3 credits

EDUC 330 Educational Theories and Practices - 3 credits

EDUC 335 Program Development, Leadership and Organizational Change - 3 credits

EDUC 401 Differentiated Reading for the Developing Child - 3 credits

EDUC 411 Integrating Curriculum and Instruction - 3 credits

EDUC 422 Data Driven Instruction - 3 credits

EDUC 425 Student Teaching Practicum - 12 credits

EDUC 432 Student Teaching Seminar - 3 credits

SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

51 credits

Grades 4 Through 8

Point Park University's School of Education strives to prepare tomorrow's Grades 4 through Grade 8 teachers. The curriculum has been developed to give each teacher candidate the choice of academic concentrations (English, Mathematics, Science or Social Studies). The candidate will choose their area of interest as their academic concentration (30 credits) and then round out their credentials with a minimum of 12 credits in each of the other academic areas. In providing this type of program, the candidate will be prepared to teach in either an elementary classroom (Grades 4 and up) or in a middle level classroom that focuses on their academic concentration. These programs address the broad set of issues, knowledge and competencies that are relevant to middle level teaching and learning. In order to meet these needs, as well as the Pennsylvania Department of Education's requirements for certification, this program focuses on: Mastery of Academic Standards and Content; Pedagogy; Assessment Anchors; and, Adaptations and Accommodations for Diverse Students in an Inclusive Setting and Meeting the Needs of English Language Learners.

Bachelor of Arts Degree with a major in Education

Leading to PA Certification Grades 4 through 8 Academic Concentration: English

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

POLS 205 World Geography – Explore the World

GCS 175 Introduction to Global Cultural Studies – Explore the World

NSET 110 Introduction to Natural Sciences I – Investigate Science

MATH 150 Mathematical Problem Solving– Investigate Math

ECON 202 Principles of Microeconomics – Succeed in Business

EDUC 252 Children's Literature

EDUC 220 Family and Community Diversity – Understand People

EDUC 228 Educational Psychology – Understand People

EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts

EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology

EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

48 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

English/Language Arts Requirements (15)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits

ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

ENGL 300 Topics I - 3 credits
ENGL 302 Introduction to Linguistics - 3 credits
ENGL 365, 366 OR 367 - 3 credits

Mathematics Requirements (12)

EDUC 315 Methods of Teaching Mathematics II -3 credits
MATH 155 General Mathematics - 3 credits
MATH 165 Basic Algebra - 3 credits
MATH 175 Elementary Statistics - 3 credits

Science Requirements (9)

EDUC 310 Teaching Science and Health - 3 credits
NSET 111 Introduction to the Life Sciences - 3 credits
NSET 160 Environmental Science - 3 credits

Social Studies Requirement (9)

EDUC 308 Teaching Social Studies - 3 credits
HIST 203 History of U.S. I - 3 credits
POLS 102 American National Government - 3 credits

Department Major Requirements

36 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits
EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits
SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

126 credits

Bachelor of Arts Degree with a major in Education

Leading to PA Certification Grades 4 through 8 (English) and Special Education (Pre-K-8)

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

POLS 205 World Geography – Explore the World
GCS 175 Introduction to Global Cultural Studies – Explore the World
NSET 110 Introduction to Natural Sciences I – Investigate Science
MATH 150 Mathematical Problem Solving– Investigate Math
ECON 202 Principles of Microeconomics – Succeed in Business
EDUC 252 Children’s Literature
EDUC 220 Family and Community Diversity – Understand People
EDUC 228 Educational Psychology – Understand People
EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts
EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

48 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

English/Language Arts Requirements (15)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits
ENGL 300 Topics I - 3 credits
ENGL 302 Introduction to Linguistics - 3 credits
ENGL 365, 366 OR 367 - 3 credits

Mathematics Requirements (12)

EDUC 315 Methods of Teaching Mathematics II -3 credits
MATH 155 General Mathematics - 3 credits
MATH 165 Basic Algebra - 3 credits
MATH 175 Elementary Statistics - 3 credits

Science Requirements (9)

EDUC 310 Teaching Science and Health - 3 credits
NSET 111 Introduction to the Life Sciences - 3 credits
NSET 160 Environmental Science - 3 credits OR

Social Studies Requirement (9)

EDUC 308 Teaching Social Studies - 3 credits
HIST 203 History of U.S. I - 3 credits
POLS 102 American National Government - 3 credits

Department Major Requirements

24 credits

EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits

Special Education Requirements 24 credits

- SPED 180 Special Education and Inclusive Practices - 3 credits
- SPED 220 Instructional/Assistive Technology - 3 credits
- SPED 280 Positive Behavioral Interventions and Supports - 3 credits
- SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits
- SPED 282 Low Incidence Disabilities - 3 credits
- SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits
- SPED 481 Intensive Reading, Writing, and Mathematics for Special Education - 3 credits
- SPED 482 Effective Instructional Practices for Special Education - 3 credits

Minimum credits for B.A. degree 138 credits

**Post-Baccalaureate Program Bachelor of Arts Degree with a major in Education
Leading to PA Certification Grades 4 through 8 Academic Concentration: English**

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program 63 credits

English Requirements (18)

- EDUC 252 Children's Literature - 3 credits
- ENGL 101 College Composition - 3 credits
- ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits
- ENGL 300 Topics I - 3 credits
- ENGL 302 Introduction to Linguistics - 3 credits
- ENGL 365, 366 OR 367 - 3 credits

Social Sciences Requirement (3)

- PSYC 309 The Child from Five to Fourteen - 3 credits

Journalism and Mass Communication (3)

- COMM 101 Oral Communication and Presentation - 3 credits

Math Requirements (12)

- MATH 150 Mathematical Problem Solving- 3 credits
- MATH 155 General Mathematics - 3 credits
- MATH 165 Basic Algebra - 3 credits
- MATH 175 Elementary Statistics - 3 credits

Science Requirements (12)

- NSET 110 Introduction to Natural Sciences - 3 credits

NSET 111 Introduction to the Life Sciences - 3 credits
NSET 160 Environmental Science - 3 credits

Social Studies Requirements (15)

ECON 202 Principles of Microeconomics - 3 credits
GCS 175 Introduction to Global Cultural Studies - 3 credits
HIST 203 History of U.S. I - 3 credits
POLS 102 American National Government - 3 credits
POLS 205 World Geography - 3 credits

Department Major Requirements

51 credits

EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits
EDUC 220 Family and Community Diversity - 3 credits
EDUC 228 Educational Psychology - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 308 Teaching Social Studies - 3 credits
EDUC 310 Teaching Science and Health - 3 credits
EDUC 315 Methods of Mathematics II - 3 credits
EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits
EDUC 432 Student Teaching Seminar - 3 credits
SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

51 credits

Bachelor of Arts Degree with a major in Education

Leading to PA Certification Grades 4 through 8 Academic Concentration: Mathematics

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

POLS 205 World Geography – Explore the World
GCS 175 Introduction to Global Cultural Studies – Explore the World
NSET 110 Introduction to Natural Sciences I – Investigate Science
MATH 150 Mathematical Problem Solving– Investigate Math

ECON 202 Principles of Microeconomics – Succeed in Business
EDUC 252 Children’s Literature
EDUC 220 Family and Community Diversity – Understand People
EDUC 228 Educational Psychology – Understand People
EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts
EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements 48 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

English/Language Arts Requirements (6)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits

ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

Mathematics Requirements (21)

EDUC 315 Methods of Mathematics II - 3 credits

MATH 155 General Mathematics - 3 credits

MATH 165 Basic Algebra - 3 credits

MATH 175 Elementary Statistics - 3 credits

MATH 180 College Algebra - 3 credits

MATH 185 Trigonometry - 2 credits

MATH 190 Calculus - 4 credits

Science Requirements (9)

EDUC 310 Teaching Science and Health - 3 credits

NSET 111 Introduction to the Life Sciences - 3 credits

NSET 160 Environmental Science - 3 credits OR

Social Studies Requirement (9)

EDUC 308 Teaching Social Studies - 3 credits

HIST 203 History of U.S. I - 3 credits

POLS 102 American National Government - 3 credits

Department Major Requirements 36 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 415 Teaching Middle and Secondary Education - 3 credits

EDUC 422 Data Driven Instruction - 3 credits

EDUC 425 Student Teaching Practicum - 12 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree 126 credits

Bachelor of Arts Degree with a major in Education Leading to PA Certification Grades 4 through 8 (Math) and Special Education (Pre-K-8)

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Required Courses in the Thematic Core for Education Majors

POLS 205 World Geography – Explore the World
GCS 175 Introduction to Global Cultural Studies – Explore the World
NSET 110 Introduction to Natural Sciences I – Investigate Science
MATH 150 Mathematical Problem Solving– Investigate Math
ECON 202 Principles of Microeconomics – Succeed in Business
EDUC 252 Children’s Literature
EDUC 220 Family and Community Diversity – Understand People
EDUC 228 Educational Psychology – Understand People
EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts
EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

48 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

English/Language Arts Requirements (6)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

Mathematics Requirements (12)

EDUC 315 Methods of Teaching Mathematics II -3 credits
MATH 155 General Mathematics - 3 credits
MATH 165 Basic Algebra - 3 credits
MATH 175 Elementary Statistics - 3 credits
MATH 180 College Algebra - 3 credits
MATH 185 Trigonometry - 2 credits
MATH 190 Calculus - 4 credits

Science Requirements (9)

EDUC 310 Teaching Science and Health - 3 credits
NSET 111 Introduction to the Life Sciences - 3 credits
NSET 160 Environmental Science - 3 credits OR

Social Studies Requirement (9)

EDUC 308 Teaching Social Studies - 3 credits
HIST 203 History of U.S. I - 3 credits
POLS 102 American National Government - 3 credits

Department Major Requirements

24 credits

EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits

Special Education Requirements

24 credits

SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 220 Instructional/Assistive Technology - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits
SPED 282 Low Incidence Disabilities - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits
SPED 481 Intensive Reading, Writing, and Mathematics for Special Education - 3 credits
SPED 482 Effective Instructional Practices for Special Education - 3 credits

Minimum credits for B.A. degree

138 credits

**Post-Baccalaureate Program Bachelor of Arts Degree with a major in Education
Leading to PA Certification Grades 4 through 8 Academic Concentration: Mathematics**

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program

63 credits

English Requirements (9)

EDUC 252 Children's Literature - 3 credits
ENGL 101 College Composition - 3 credits
ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

Journalism and Mass Communication (3)

COMM 101 Oral Communication and Presentation - 3 credits

Math Requirements (21)

MATH 150 Mathematical Problem Solving- 3 credits

MATH 155 General Mathematics - 3 credits

MATH 165 Basic Algebra - 3 credits

MATH 175 Elementary Statistics - 3 credits

MATH 180 College Algebra - 3 credits

MATH185 Trigonometry - 2 credits

MATH 190 Calculus I - 4 credits

Science Requirements (12)

NSET 110 Introduction to Natural Sciences - 3 credits

NSET 111 Introduction to the Life Sciences - 3 credits

NSET 160 Environmental Science - 3 credits

Social Studies Requirements (15)

ECON 202 Principles of Microeconomics - 3 credits

GCS 175 Introduction to Global Cultural Studies - 3 credits

HIST 203 History of U.S. I - 3 credits

POLS 102 American National Government - 3 credits

POLS 205 World Geography - 3 credits

Department Major Requirements

51 credits

EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits

EDUC 220 Family and Community Diversity - 3 credits

EDUC 228 Educational Psychology - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 308 Teaching Social Studies - 3 credits

EDUC 310 Teaching Science and Health - 3 credits

EDUC 315 Methods of Mathematics II - 3 credits

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits

EDUC 422 Data Driven Instruction - 3 credits

EDUC 425 Student Teaching Practicum - 12 credits

EDUC 432 Student Teaching Seminar - 3 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

51 credits

Bachelor of Arts Degree with a major in Education

Leading to PA Certification Grades 4 through 8 Academic Concentration: Science

Program Objectives

1. Utilize a variety of instructional strategies.

2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

POLS 205 World Geography – Explore the World
 GCS 175 Introduction to Global Cultural Studies – Explore the World
 CHEM 101 General Chemistry I – Investigate Science
 MATH 150 Mathematical Problem Solving– Investigate Math
 ECON 202 Principles of Microeconomics – Succeed in Business
 EDUC 252 Children’s Literature
 EDUC 220 Family and Community Diversity – Understand People
 EDUC 228 Educational Psychology – Understand People
 EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts
 EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
 EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

48 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

English/Language Arts Requirements (6)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
 ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

Mathematics Requirements (12)

EDUC 315 Methods of Teaching Mathematics II -3 credits
 MATH 155 General Mathematics - 3 credits
 MATH 165 Basic Algebra - 3 credits
 MATH 175 Elementary Statistics - 3 credits

Science Requirements (18)

BIOL 101 General Biology I - 3 credits
 BIOL 102 General Biology II - 3 credits
 BIOL 103 General Biology Laboratory I - 1 credit
 CHEM 103 General Chemistry Laboratory I - 1 credit
 EDUC 310 Teaching Science and Health - 3 credits
 NSET 160 Environmental Science - 3 credits
 PHYS 101 Physics I - 3 credits
 PHYS 103 Physics Laboratory I - 1 credit

Social Studies Requirements (9)

EDUC 308 Teaching Social Studies - 3 credits
 HIST 203 History of U.S. I - 3 credits

POLS 102 American National Government - 3 credits

Department Major Requirements

36 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits

EDUC 222 Assessment and Adaptations - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 415 Teaching Middle and Secondary Education - 3 credits

EDUC 422 Data Driven Instruction - 3 credits

EDUC 425 Student Teaching Practicum - 12 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

126 credits

Bachelor of Arts Degree with a major in Education

Leading to PA Certification Grades 4 through 8 (Science) and Special Education (Pre-K-8)

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

POLS 205 World Geography – Explore the World

GCS 175 Introduction to Global Cultural Studies – Explore the World

CHEM 101 General Chemistry I – Investigate Science

MATH 150 Mathematical Problem Solving– Investigate Math

ECON 202 Principles of Microeconomics – Succeed in Business

EDUC 252 Children’s Literature

EDUC 220 Family and Community Diversity – Understand People

EDUC 228 Educational Psychology – Understand People

EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts

EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology

EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

48 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

English/Language Arts Requirements (6)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits

ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

Mathematics Requirements (12)

EDUC 315 Methods of Teaching Mathematics II -3 credits

MATH 155 General Mathematics - 3 credits

MATH 165 Basic Algebra - 3 credits

MATH 175 Elementary Statistics - 3 credits

Science Requirements (18)

BIOL 101 General Biology I - 3 credits

BIOL 102 General Biology II - 3 credits

BIOL 103 General Biology Laboratory I - 1 credit

CHEM 103 General Chemistry Laboratory I - 1 credit

EDUC 310 Teaching Science and Health - 3 credits

NSET 160 Environmental Science - 3 credits

PHYS 101 Physics I - 3 credits

PHYS 103 Physics Laboratory I - 1 credit

Social Studies Requirements (9)

EDUC 308 Teaching Social Studies - 3 credits

HIST 203 History of U.S. I - 3 credits

POLS 102 American National Government - 3 credits

Department Major Requirements

24 credits

EDUC 222 Assessment and Adaptations - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 415 Teaching Middle and Secondary Education - 3 credits

EDUC 422 Data Driven Instruction - 3 credits

EDUC 425 Student Teaching Practicum - 12 credits

Special Education Requirements

24 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 220 Instructional/Assistive Technology - 3 credits

SPED 280 Positive Behavioral Interventions and Supports- 3 credits

SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits

SPED 282 Low Incidence Disabilities - 3 credits

SPED 380 Differentiated Instructional Practices for the Inclusive Classroom - 3 credits

SPED 481 Intensive Reading, Writing, and Mathematics for Special Education - 3 credits

SPED 482 Effective Instructional Practice for Special Education - 3 credits

Minimum credits for B.A. degree

138 credits

**Post-Baccalaureate Program Bachelor Of Arts Degree with a major in Education
Leading to PA Certification Grades 4 through 8 Academic Concentration: Science**

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program

63 credits

English Requirements (12)

ENGL 101 College Composition - 3 credits
 COMM 101 Oral Communication and Presentation - 3 credits
 EDUC 252 Children's Literature - 3 credits
 ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

Math Requirements (14)

MATH 150 Mathematical Problem Solving- 3 credits
 MATH 155 General Mathematics - 3 credits
 MATH 165 Basic Algebra - 3 credits
 MATH 175 Elementary Statistics - 3 credits

Science Requirements (18)

BIOL 101 General Biology I - 3 credits
 BIOL 102 General Biology II - 3 credits
 BIOL 103 General Biology Laboratory I - 1 credit
 CHEM 101 General Chemistry I - 3 credits
 CHEM 103 General Chemistry Laboratory I - 1 credit
 NSET 160 Environmental Science - 3 credits
 PHYS 101 Physics I - 3 credits
 PHYS 103 Physics Laboratory I - 1 credit

Social Studies Requirements (12)

ECON 202 Principles of Microeconomics - 3 credits
 GCS 175 Introduction to Global Cultural Studies - 3 credits
 HIST 203 History of U.S. I - 3 credits
 POLS 102 American National Government - 3 credits
 POLS 205 World Geography - 3 credits

Department Major Requirements

51 credits

EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits
 EDUC 220 Family and Community Diversity - 3 credits
 EDUC 228 Educational Psychology - 3 credits
 EDUC 250 Working with English Language Learners - 3 credits
 EDUC 308 Teaching Social Studies - 3 credits
 EDUC 310 Teaching Science and Health - 3 credits

EDUC 315 Methods of Mathematics II - 3 credits
EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits
EDUC 432 Student Teaching Seminar - 3 credits
SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

51 credits

Bachelor of Arts Degree with a major in Education

Leading to PA Certification Grades 4 through 8 Academic Concentration: Social Studies

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

POLS 205 World Geography – Explore the World
GCS 175 Introduction to Global Cultural Studies – Explore the World
NSET110 General Chemistry I – Investigate Science
MATH 150 Mathematical Problem Solving– Investigate Math
ECON 202 Principles of Microeconomics – Succeed in Business
EDUC 252 Children’s Literature
EDUC 220 Family and Community Diversity – Understand People
EDUC 228 Educational Psychology – Understand People
EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts
EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

48 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

English/Language Arts Requirements (6)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

Mathematics Requirements (12)

EDUC 315 Methods of Teaching Mathematics II -3 credits

MATH 155 General Mathematics - 3 credits

MATH 165 Basic Algebra - 3 credits

MATH 175 Elementary Statistics - 3 credits

Science Requirements (9)

EDUC 310 Teaching Science and Health - 3 credits

NSET 111 Introduction to the Life Sciences - 3 credits

NSET 160 Environmental Science - 3 credits

Social Studies Requirements (18)

EDUC 308 Teaching Social Studies - 3 credits

HIST 203 History of U.S. I - 3 credits

HIST 204 History of the U.S. II - 3 credits

HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits

POLS 102 American National Government - 3 credits

POLS 202 State and Local Government - 3 credits

Department Major Requirements

36 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits

EDUC 222 Assessment and Adaptations - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 415 Teaching Middle and Secondary Education - 3 credits

EDUC 422 Data Driven Instruction - 3 credits

EDUC 425 Student Teaching Practicum - 12 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

126 credits

**Bachelor of Arts Degree with a major in Education
Leading to PA Certification Grades 4 through 8 (Social Studies) and Special Education
(Pre-K-8)**

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

POLS 205 World Geography – Explore the World

GCS 175 Introduction to Global Cultural Studies – Explore the World

NSET110 General Chemistry I – Investigate Science

MATH 150 Mathematical Problem Solving– Investigate Math

ECON 202 Principles of Microeconomics – Succeed in Business

EDUC 252 Children’s Literature

EDUC 220 Family and Community Diversity – Understand People

EDUC 228 Educational Psychology – Understand People

EDUC 251 Arts and Music in Teaching – Appreciate and Apply the Arts

EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology

EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

48 credits

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen 3 credits

English/Language Arts Requirements (6)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits

ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits

Mathematics Requirements (12)

EDUC 315 Methods of Teaching Mathematics II -3 credits

MATH 155 General Mathematics - 3 credits

MATH 165 Basic Algebra - 3 credits

MATH 175 Elementary Statistics - 3 credits

Science Requirements (9)

EDUC 310 Teaching Science and Health - 3 credits

NSET 111 Introduction to the Life Sciences - 3 credits

NSET 160 Environmental Science - 3 credits

Social Studies Requirements (18)

EDUC 308 Teaching Social Studies - 3 credits

HIST 203 History of U.S. I - 3 credits
HIST 204 History of the U.S. II - 3 credits
HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits
POLS 102 American National Government - 3 credits
POLS 202 State and Local Government - 3 credits

Department Major Requirements **24 credits**

EDUC 222 Assessment and Adaptations - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits

Special Education Requirements **24 credits**

SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 220 Instructional/Assistive Technology - 3 credits
SPED 280 Positive Behavioral Interventions and Supports- 3 credits
SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits
SPED 282 Low Incidence Disabilities - 3 credits
SPED 380 Differentiated Instructional Practices for the Inclusive Classroom - 3 credits
SPED 481 Intensive Reading, Writing, and Mathematics for Special Education - 3 credits
SPED 482 Effective Instructional Practice for Special Education - 3 credits

Minimum credits for B.A. degree **138 credits**

**Post-Baccalaureate Program Bachelor of Arts Degree with a major in Education
Leading to PA Certification Grades 4 through 8 Academic Concentration: Social Studies**

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program **63 credits**

English Requirements (12)

ENGL 101 College Composition - 3 credits
COMM 101 Oral Communication and Presentation - 3 credits
EDUC 252 Children's Literature - 3 credits
ENGL 250, 251, 252, 253, 254, OR 255 - 3 credits EDUC 252

Social Sciences Requirement (3)

PSYC 309 The Child from Five to Fourteen - 3 credits

Math Requirements (12)

MATH 150 Mathematical Problem Solving- 3 credits

MATH 155 General Mathematics - 3 credits

MATH 165 Basic Algebra - 3 credits

MATH 175 Elementary Statistics - 3 credits

Science Requirements (12)

NSET 110 Introduction to Natural Sciences - 3 credits

NSET 111 Introduction to the Life Sciences - 3 credits

NSET 160 Environmental Science - 3 credits

Social Studies Requirements (24)

ECON 202 Principles of Microeconomics - 3 credits

GCS 175 Introduction to Global Cultural Studies - 3 credits

HIST 203 History of U.S. I - 3 credits

HIST 204 History of the U.S. II - 3 credits

HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits

POLS 102 American National Government - 3 credits

POLS 202 State and Local Government - 3 credits

POLS 205 World Geography - 3 credits

Department Major Requirements**51 credits**EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits

EDUC 220 Family and Community Diversity - 3 credits

EDUC 228 Educational Psychology - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 308 Teaching Social Studies - 3 credits

EDUC 310 Teaching Science and Health - 3 credits

EDUC 315 Methods of Mathematics II - 3 credits

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits

EDUC 422 Data Driven Instruction - 3 credits

EDUC 425 Student Teaching Practicum - 12 credits

EDUC 432 Student Teaching Seminar - 3 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree**51 credits**

Secondary Education

Biological Sciences; Citizenship; English; Mathematics; Social Studies

*All Secondary Education Programs also available with Dual Certification in Special Education Grades 7 - 12

Point Park University provides preparation for and meets certification requirements in a number of Secondary Education areas through the following baccalaureate and post-baccalaureate programs: Biological Sciences/Secondary Education, Citizenship/Secondary Education, English/Secondary Education, Mathematics/Secondary Education, and Social Studies/Secondary Education. Upon completion of these programs, students receive the appropriate baccalaureate degrees. In addition, with a minimum G.P.A of 3.0 and successful completion of the required PRAXIS exams, and demonstrated competence in student teaching, students are eligible to apply for the Instructional I certificate issued for the major area of study by the Department of Education of the Commonwealth of Pennsylvania.

Emphasizing the role of the specialist in today's educational system, the programs leading to certification at the Secondary level, allow students to integrate particular academic disciplines with a comprehensive knowledge of appropriate teaching/learning strategies. These programs are available to undergraduates in two different formats, both of which lead to PA certification: the Bachelor of Arts degree program, and the Post-Baccalaureate degree program for those individuals who have already earned a baccalaureate degree. Each of these programs is designed for those individuals wishing to teach in a public school system.

Preparation for teachers in Secondary Education is a cooperative effort between the School of Education and the Academic Departments in which the students plan to become certified. Each student will work with two advisors: one from the School of Education and one from the department of the academic content area. Through the dual advisor relationship, students are able to best understand the sequence of the academic courses as well as the information that is necessary to ensure that all state standards are met for Pennsylvania Department of Education certification. These advisors coordinate the work of their academic content and departments with the School of Education. All secondary education majors must have the approvals of both the academic advisor as well as the Education Department advisor in order to register each semester. It is also recommended, that the student meet on a regular basis with their advisor to review their progress toward meeting all state standards.

Post-baccalaureate programs are designed in each Secondary Education area for those individuals already possessing a baccalaureate degree in an academic content area (or one that is closely related) and wishing to change careers to become a secondary classroom teacher. Entry into each of these programs requires general prerequisites. Advanced Standing credit may be granted for prerequisites and other requirements, but a minimum of 30 credits - exclusive of prerequisites - must be completed in residence in order to be eligible for a degree from Point Park University. Students must successfully complete a minimum of 24 of the required credits of the program in residence at Point Park University in order to be eligible for certification. A maximum of 9 credits granted for Experiential Learning may be included as part of the requirements for the Post-Baccalaureate Certification in Secondary Education.

Biological Sciences / Secondary Education

Bachelor of Science Degree with a major in Biological Sciences / Secondary Education

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.

4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements **42 credits**

Required Courses in the Thematic Core for Education Majors

CHEM 101 General Chemistry I - Investigate Science
MATH 180 College Algebra - Investigate Mathematics
EDUC 220 Family and Community Diversity - Understand People
EDUC 228 Educational Psychology - Understand People
EDUC 101 Technological Literacy for Education for the 21st Century - Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements **16 credits**

BIOL 101 General Biology I - 3 credits
BIOL 102 General Biology II - 3 credits
BIOL 103 General Biology Laboratory I - 1 credit
BIOL 104 General Biology Laboratory II - 1 credit
CHEM 102 General Chemistry II - 3 credits
CHEM 103 General Chemistry Laboratory I - 1 credit
CHEM 104 General Chemistry Laboratory II - 1 credit
MATH 175 Elementary Statistics - 3 credits

Department Major Requirements **30 credits**

BIOL 205 Botany - 3 credits
BIOL 206 Zoology - 3 credits
BIOL 211 Human Biology - 3 credits
BIOL 216 Introductory Microbiology - 4 credits
BIOL 222 Introduction to Genetics - 4 credits
BIOL 235 Introduction to Ecology - 3 credits
BIOL 341 Environmental Health - 3 credits
CHEM 221 Organic Chemistry - 3 credits
PHYS 101 Physics I - 3 credits
PHYS 103 Physics Laboratory I - 1 credit

Education Requirements **39 credits**

EDUC 150 Introduction to the Teaching Profession - 3 credits
EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teacher Practicum - 12 credits
SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.S. degree **127 credits**

Bachelor of Science Degree with a major in Biological Sciences / Secondary Education and Special Education (Grades 7-12)

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

CHEM 101 General Chemistry I - Investigate Science
MATH 180 College Algebra - Investigate Mathematics
EDUC 220 Family and Community Diversity - Understand People
EDUC 228 Educational Psychology - Understand People
EDUC 101 Technological Literacy for Education for the 21st Century - Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

16 credits

BIOL 101 General Biology I - 3 credits
BIOL 102 General Biology II - 3 credits
BIOL 103 General Biology Laboratory I - 1 credit
BIOL 104 General Biology Laboratory II - 1 credit
CHEM 102 General Chemistry II - 3 credits
CHEM 103 General Chemistry Laboratory I - 1 credit
CHEM 104 General Chemistry Laboratory II - 1 credit
MATH 175 Elementary Statistics - 3 credits

Department Major Requirements

30 credits

BIOL 205 Botany - 3 credits
BIOL 206 Zoology - 3 credits
BIOL 211 Human Biology - 3 credits
BIOL 216 Introductory Microbiology - 4 credits
BIOL 222 Introduction to Genetics - 4 credits
BIOL 235 Introduction to Ecology - 3 credits
BIOL 341 Environmental Health - 3 credits
CHEM 221 Organic Chemistry - 3 credits
PHYS 101 Physics I - 3 credits
PHYS 103 Physics Laboratory I - 1 credit

Education Requirements

27 credits

EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction -3 credits
EDUC 425 Student Teacher Practicum - 12 credits

Special Education Requirements

27 credits

SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 220 Instructional/Assistive Technology - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits
SPED 282 Low Incidence Disabilities - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits
SPED 381 Secondary Transitions - 3 credits
SPED 480 Professional Collaboration and Communication - 3 credits
SPED 481 Intensive Reading/Writing/Mathematics for Special Education - 3 credits

Minimum credits for B.S. degree

142 credits

**Post-Baccalaureate Program Leading to
Bachelor of Science Degree with a major in Biological Sciences / Secondary Education**

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program

49 credits

Humanities and Social Sciences (6)

ENGL 101 College Composition - 3 credits
English Literature - 3 credits

Natural Sciences (22)

BIOL 101 General Biology I - 3 credits
BIOL 102 General Biology II - 3 credits
BIOL 103 General Biology Laboratory I - 1 credit
BIOL 104 General Biology Laboratory II - 1 credit
CHEM 101 General Chemistry I - 3 credits
CHEM 102 General Chemistry II - 3 credits
CHEM 103 General Chemistry Laboratory I - 1 credit
CHEM 104 General Chemistry Laboratory II - 1 credit
MATH 175 Elementary Statistics - 3 credits
MATH 180 College Algebra - 3 credits

Education and Special Education Requirements (21)

EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits
 EDUC 220 Family and Community Diversity - 3 credits
 EDUC 222 Assessment and Adaptation - 3 credits
 EDUC 228 Educational Psychology - 3 credits
 EDUC 250 Working with English Language Learners - 3 credits
 SPED 180 Special Education and Inclusive Practices - 3 credits
 SPED 280 Positive Behavioral Interventions and Supports - 3 credits

Department Major Requirements**27 credits**

BIOL 205 Botany - 3 credits
 BIOL 206 Zoology - 3 credits
 BIOL 211 Human Biology - 3 credits
 BIOL 216 Introduction to Microbiology - 4 credits
 BIOL 222 Introduction to Genetics - 4 credits
 BIOL 341 Environmental Health - 3 credits
 CHEM 221 Organic Chemistry - 3 credits
 PHYS 101 Physics I - 3 credits
 PHYS 103 Physics Laboratory I - 1 credit

Education Requirements**27 credits**

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
 EDUC 415 Teaching Middle and Secondary Education - 3 credits
 EDUC 422 Data Driven Instruction - 3 credits
 EDUC 425 Student Teaching Practicum - 12 credits
 EDUC 432 Student Teaching Seminar - 3 credits
 SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.S. degree**54 credits****Citizenship / Secondary Education****Bachelor of Arts Degree with a major in Citizenship / Secondary Education****Program Objectives**

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements**42 credits****Required Courses in the Thematic Core for Education Majors**

HIST 201 History of Western Civilization I – Explore the World
 HIST 202 Western Civilization since the Sixteenth Century – Explore the World
 MATH 150 Mathematical Problem Solving– Investigate Mathematics

ECON 202 Principles of Microeconomics – Succeed in Business
EDUC 220 Family and Community Diversity – Understand People
EDUC 228 Educational Psychology – Understand People
EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements **9 credits**

Social Sciences (6)

POLS 102 American National Government - 3 credits
POLS 250 Introduction to the Study of Government Systems - 3 credits

Natural Sciences (3)

MATH elective - 3 credits

Department Major Requirements **30 credits**

ECON 201 Principles of Macroeconomics - 3 credits
ECON 421 International Economics - 3 credits
HIST 203 History of the U.S. I - 3 credits
HIST 204 History of the U.S. II - 3 credits
HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits
POLS 205 World Geography - 3 credits
POLS 335 American Foreign Policy - 3 credits
POLS 372 International Relations - 3 credits
POLS 401 Political Thought and Theory - 3 credits
POLS 402 Constitutional Law - 3 credits

Education Requirements **39 credits**

EDUC 150 Introduction to the Teaching Profession - 3 credits
EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 321 Literacy and Learning in Secondary School - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits
SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree **120 credits**

Bachelor of Arts Degree with a major in Citizenship / Secondary Education and Special Education (Grades 7-12)

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

HIST 201 History of Western Civilization I – Explore the World

HIST 202 Western Civilization since the Sixteenth Century – Explore the World

MATH 150 Mathematical Problem Solving– Investigate Mathematics

ECON 202 Principles of Microeconomics – Succeed in Business

EDUC 220 Family and Community Diversity – Understand People

EDUC 228 Educational Psychology – Understand People

EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology

EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

9 credits

Social Sciences (6)

POLS 102 American National Government - 3 credits

POLS 250 Introduction to the Study of Government Systems - 3 credits

Natural Sciences (3)

MATH 100+ level - 3 credits

Department Major Requirements

30 credits

ECON 201 Principles of Macroeconomics - 3 credits

ECON 421 International Economics - 3 credits

HIST 203 History of the U.S. I - 3 credits

HIST 204 History of the U.S. II - 3 credits

HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits

POLS 205 World Geography - 3 credits

POLS 335 American Foreign Policy - 3 credits

POLS 372 International Relations - 3 credits

POLS 401 Political Thought and Theory - 3 credits

POLS 402 Constitutional Law - 3 credits

Education Requirements

30 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits

Special Education Requirements

27 credits

SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 220 Instructional/Assistive Technology - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits
SPED 282 Low Incidence Disabilities - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits
SPED 381 Secondary Transitions - 3 credits
SPED 480 Professional Collaboration and Communication - 3 credits
SPED 481 Intensive Reading/Writing/Mathematics for Special Education - 3 credits

Minimum credits for B.A. degree

138 credits

Post-Baccalaureate Program Leading to Bachelor of Arts Degree with a major in Citizenship / Secondary Education

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional context.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program

48 credits

Humanities and Social Sciences (6)

ENGL 101 College Composition - 3 credits
English Literature Elective - 3 credits

Natural Sciences (6)

Mathematics Elective - 3 credits
Mathematics Elective - 3 credits

Social Sciences (15)

HIST 201 Western Civilization I - 3 credits
HIST 202 Western Civilization since the Sixteenth Century - 3 credits
HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits
POLS 102 American National Government - 3 credits
POLS 250 Introduction to the Study of Government Systems - 3 credits

Education and Special Education Requirements (21)

EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits
 EDUC 220 Family and Community Diversity - 3 credits
 EDUC 222 Assessment and Adaptation - 3 credits
 EDUC 228 Educational Psychology - 3 credits
 EDUC 250 Working with English Language Learners - 3 credits
 SPED 180 Special Education and Inclusive Practices - 3 credits
 SPED 280 Positive Behavioral Interventions and Supports - 3 credits

Department Major Requirements**30 credits**

ECON 201 Introduction to Macroeconomics - 3 credits
 ECON 202 Introduction to Microeconomics - 3 credits
 ECON 421 International Economics - 3 credits
 HIST 203 History of the U.S. I - 3 credits
 HIST 204 History of the U.S. II - 3 credits
 POLS 205 World Geography - 3 credits
 POLS 335 American Foreign Policy - 3 credits
 POLS 372 International Relations - 3 credits
 POLS 401 Political Thought and Theory - 3 credits
 POLS 402 Constitutional Law - 3 credits

Education Requirements**27 credits**

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
 EDUC 415 Teaching Middle and Secondary Education - 3 credits
 EDUC 422 Data Driven Instruction - 3 credits
 EDUC 425 Student Teaching Practicum - 12 credits
 EDUC 432 Student Teaching Seminar - 3 credits
 SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree**57 credits****English / Secondary Education****Bachelor of Arts Degree with a major in English / Secondary Education****Program Objectives**

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements**42 credits****Required Courses in the Thematic Core for Education Majors**

EDUC 252 Children's Literature
 EDUC 220 Family and Community Diversity – Understand People

EDUC 228 Educational Psychology – Understand People
EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements **9 credits**

Humanities and Social Sciences (6)

ENGL 250 or 251 World Literature I or II - 3 credits
ENGL 252, 253, 254, 255 or Advanced Composition - 3 credits

Natural Sciences (3)

MATH elective - 3 credits

Department Major Requirements **30 credits**

ENGL 300 level or above - 3 credits
ENGL 300 level or above - 3 credits
ENGL 302 Introduction to Linguistics - 3 credits
ENGL 307, 365, 366 OR 367 - 3 credits
ENGL 314 Shakespeare - 3 credits
ENGL 325 American Literature Survey I - 3 credits
ENGL 326 American Literature Survey II - 3 credits
ENGL 338 Literary Criticism - 3 credits

Choose two courses:

ENGL 311 The English Novel - 3 credits
ENGL 318 English Drama - 3 credits
ENGL 323 British Literature I - 3 credits
ENGL 324 British Literature II - 3 credits
ENGL 360 Major British Authors - 3 credits

Education Requirements **39 credits**

EDUC 150 Introduction to the Teaching Profession - 3 credits
EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 321 Literacy and Learning in Secondary School - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits
SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree **120 credits**

Bachelor of Arts Degree Leading to Dual Certification in English / Secondary Education and Special Education (Grades 7-12)

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

EDUC 252 Children's Literature

EDUC 220 Family and Community Diversity – Understand People

EDUC 228 Educational Psychology – Understand People

EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology

EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

9 credits

Humanities and Social Sciences (6)

ENGL 250 or 251 World Literature I or II - 3 credits

ENGL 252, 253, 254, 255 or Advanced Composition - 3 credits

Natural Sciences (3)

MATH elective - 3 credits

Department Major Requirements

30 credits

ENGL 300 level or above - 3 credits

ENGL 300 level or above - 3 credits

ENGL 302 Introduction to Linguistics - 3 credits

ENGL 307, 365, 366 OR 367 - 3 credits

ENGL 314 Shakespeare - 3 credits

ENGL 325 American Literature Survey I - 3 credits

ENGL 326 American Literature Survey II - 3 credits

ENGL 338 Literary Criticism - 3 credits

Choose two courses:

ENGL 311 The English Novel - 3 credits

ENGL 318 English Drama - 3 credits

ENGL 323 British Literature I - 3 credits

ENGL 324 British Literature II - 3 credits

ENGL 360 Major British Authors - 3 credits

Education Requirements

30 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits

Special Education Requirements

27 credits

SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 220 Instructional/Assistive Technology - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits
SPED 282 Low Incidence Disabilities - 3 credits
SPED 380 Differentiated Instructional Practices for the Inclusive Classroom - 3 credits
SPED 381 Secondary Transitions - 3 credits
SPED 480 Professional Collaboration and Communication - 3 credits
SPED 481 Intensive Reading/Writing/Math – Special Education - 3 credits

Minimum credits for B.A. degree

138 credits

Post-Baccalaureate Program Leading to Bachelor of Arts Degree with a major in English / Secondary Education

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program

18 credits

Humanities and Social Sciences (9)

English Composition Elective - 3 credits
English Literature Elective - 3 credits
ENGL 250 or 251 World Literature I or II - 3 credits

Journalism and Mass Communication (3)

COMM 101 Oral Communication and Presentation - 3 credits

Natural Sciences (6)

Mathematics elective - 3 credits
Mathematics elective - 3 credits

Education and Special Education Requirements (24)

- EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits
- EDUC 220 Family and Community Diversity - 3 credits
- EDUC 222 Assessment and Adaptation - 3 credits
- EDUC 228 Educational Psychology - 3 credits
- EDUC 250 Working with English Language Learners - 3 credits
- EDUC 252 Children's Literature - 3 credits
- SPED 180 Special Education and Inclusive Practices - 3 credits
- SPED 280 Positive Behavioral Interventions and Supports - 3 credits

Department Major Requirements

24 credits

- ENGL 300 level or above - 3 credits
- ENGL 300 level or above - 3 credits
- ENGL 302 Introduction to Linguistics - 3 credits
- ENGL 307 Creative Writing - 3 credits
- ENGL 314 Shakespeare - 3 credits
- ENGL 325 American Literature I - 3 credits
- ENGL 326 American Literature II - 3 credits
- ENGL 338 Literary Criticism - 3 credits

Choose two courses:

- ENGL 311 The English Novel - 3 credits
- ENGL 318 English Drama - 3 credits
- ENGL 323 British Literature I - 3 credits
- ENGL 324 British Literature II - 3 credits
- ENGL 360 Major British Authors - 3 credits

Education Requirements

27 credits

- EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
- EDUC 415 Teaching Middle and Secondary Education - 3 credits
- EDUC 422 Data Driven Instruction -3 credits
- EDUC 425 Student Teaching Practicum - 12 credits
- EDUC 432 Student Teaching Seminar - 3 credits
- SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

57 credits

Mathematics / Secondary Education

Bachelor of Science Degree with a major in Mathematics / Secondary Education

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.

4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements **42 credits**

Required Courses in the Thematic Core for Education Majors

MATH 180 College Algebra - Investigate Mathematics
 EDUC 220 Family and Community Diversity - Understand People
 EDUC 228 Educational Psychology - Understand People
 EDUC 101 Technological Literacy for Education for the 21st Century - Discover Technology
 EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements **3credits**

Natural Sciences (3)

NSET 101 Introduction to Natural Sciences and Engineering Technology - 3 credits

Department Major Requirements **32 credits**

MATH 175 Elementary Statistics - 3 credits
 MATH 185 Trigonometry - 2 credits
 MATH 190 Calculus I - 4 credits
 MATH 210 Calculus II - 4 credits
 MATH 220 Discrete Mathematics - 3 credits
 MATH 230 Linear Algebra I - 3 credits
 MATH 300 Calculus III - 4 credits
 MATH 310 Differential Equations - 3 credits
 MATH 340 Modern Applied Algebra - 3 credits
 MATH 410 Geometry - 3 credits

Education Requirements **39 credits**

EDUC 150 Introduction to the Teaching Profession - 3 credits
 EDUC 222 Assessment and Adaptation - 3 credits
 EDUC 250 Working with English Language Learners - 3 credits
 EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
 EDUC 415 Methods of Teaching Secondary Education - 3 credits
 EDUC 422 Data Driven Instruction -3 credits
 EDUC 425 Student Teaching Practicum - 12 credits
 SPED 180 Special Education and Inclusive Practices - 3 credits
 SPED 280 Positive Behavioral Interventions and Supports - 3 credits
 SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

General Electives **6 credits**

Minimum credits for B.S. degree **122 credits**

Bachelor of Science Degree with a major in Mathematics / Secondary Education and Special Education (Grades 7-12)

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

36 credits

Required Courses in the Thematic Core for Education Majors

MATH 180 College Algebra - Investigate Mathematics
EDUC 220 Family and Community Diversity - Understand People
EDUC 228 Educational Psychology - Understand People
EDUC 101 Technological Literacy for Education for the 21st Century - Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

3 credits

Natural Sciences (3)

NSET 101 Introduction to Natural Sciences and Engineering Technology - 3 credits

Department Major Requirements

32 credits

MATH 175 Elementary Statistics - 3 credits
MATH 185 Trigonometry - 2 credits
MATH 190 Calculus I - 4 credits
MATH 210 Calculus II - 4 credits
MATH 220 Discrete Mathematics - 3 credits
MATH 230 Linear Algebra I - 3 credits
MATH 300 Calculus III - 4 credits
MATH 310 Differential Equations - 3 credits
MATH 340 Modern Applied Algebra - 3 credits
MATH 410 Geometry - 3 credits

Education Requirements

30 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits
EDUC 222 Assessment and Adaptation - 3 credits
EDUC 250 Working with English Language Learners - 3 credits
EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction - 3 credits
EDUC 425 Student Teaching Practicum - 12 credits

Special Education Requirements

27 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 220 Instructional/Assistive Technology - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits
SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits
SPED 282 Low Incidence Disabilities - 3 credits
SPED 380 Differentiated Instructional Practices for the Inclusive Classroom - 3 credits
SPED 381 Secondary Transitions - 3 credits
SPED 480 Professional Collaboration and Communication - 3 credits
SPED 481 Intensive Reading/Writing/Math – Special Education - 3 credits

Minimum credits for B.S. degree

134 credits

Post-Baccalaureate Program Leading to Bachelor of Science Degree with a major in Mathematics / Secondary Education

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program

30-31 credits

Humanities and Social Sciences (6)

English Composition Elective - 3 credits

English Literature Elective - 3 credits

Computer Science (3-4)

Computer Programming Language CMPS 200+ level - 3-4 credits

Education and Special Education Requirements (21)

EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits

EDUC 220 Family and Community Diversity - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits

EDUC 228 Educational Psychology - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

Department Major Requirements

32 credits

MATH 175 Elementary Statistics - 3 credits

MATH 185 Trigonometry - 2 credits

MATH 190 Calculus I - 4 credits

MATH 210 Calculus II - 4 credits

MATH 220 Discrete Mathematics - 3 credits

MATH 230 Linear Algebra I - 3 credits

MATH 300 Calculus III - 4 credits
MATH 310 Differential Equations - 3 credits
MATH 340 Modern Applied Algebra - 3 credits
MATH 410 Geometry - 3 credits

Education Requirements

27 credits

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction -3 credits
EDUC 425 Student Teaching Practicum - 12 credits
EDUC 432 Student Teaching Seminar - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.S. degree

59 credits

Social Studies / Secondary Education

Bachelor of Arts Degree with a major in Social Studies / Secondary Education

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

HIST 201 History of Western Civilization I – Explore the World
HIST 202 Western Civilization since the Sixteenth Century – Explore the World
MATH 150 Mathematical Problem Solving– Investigate Mathematics
ECON 202 Principles of Microeconomics – Succeed in Business
EDUC 220 Family and Community Diversity – Understand People
EDUC 228 Educational Psychology – Understand People
EDUC 101 Technological Literacy for Education for the 21st Century – Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements

3 credits

Natural Sciences (3)

MATH elective - 3 credits

Department Major Requirements

36 credits

ECON 201 Principles of Macroeconomics - 3 credits
ECON 421 International Economics - 3 credits
GCS 175 Introduction to Global Cultural Studies - 3 credits

GCS 225 Anthropology of Belief - 3 credits OR
 GCS 310 Human Rights in Theory & Practice - 3 credits
 HIST 203 History of the U.S. I - 3 credits
 HIST 204 History of the U.S. II - 3 credits
 HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits
 POLS 102 American National Government - 3 credits
 POLS 205 World Geography - 3 credits
 POLS 335 American Foreign Policy - 3 credits OR
 POLS 372 International Relations - 3 credits
 POLS 402 Constitutional Law - 3 credits
 PSYC 313 Social Psychology - 3 credits

Education Requirements

39 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits
 EDUC 222 Assessment and Adaptation - 3 credits
 EDUC 250 Working with English Language Learners - 3 credits
 EDUC 321 Literacy and Learning in Secondary School - 3 credits
 EDUC 415 Teaching Middle and Secondary Education - 3 credits
 EDUC 422 Data Driven Instruction - 3 credits
 EDUC 425 Student Teaching Practicum - 12 credits
 SPED 180 Special Education and Inclusive Practices - 3 credits
 SPED 280 Positive Behavioral Interventions and Supports - 3 credits
 SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

120 credits

**Bachelor of Arts Degree with a major in
 Social Studies / Secondary Education and Special Education (Grades 7-12)**

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Required Courses in the Thematic Core for Education Majors

HIST 201 History of Western Civilization I – Explore the World
 HIST 202 Western Civilization since the Sixteenth Century – Explore the World
 MATH 150 Mathematical Problem Solving– Investigate Mathematics
 ECON 202 Principles of Microeconomics – Succeed in Business
 EDUC 220 Family and Community Diversity – Understand People
 EDUC 228 Educational Psychology – Understand People

EDUC 101 Technological Literacy for Education for the 21st Century - Discover Technology
EDUC 432 Student Teaching Seminar - Capstone

Department General Requirements 3 credits

Natural Sciences (3)

MATH 100+ level - 3 credits

Department Major Requirements 36 credits

ECON 201 Principles of Macroeconomics - 3 credits

ECON 421 International Economics - 3 credits

GCS 175 Introduction to Global Cultural Studies - 3 credits

GCS 225 Anthropology of Belief - 3 credits OR

GCS 310 Human Rights in Theory & Practice - 3 credits

HIST 203 History of the U.S. I - 3 credits

HIST 204 History of the U.S. II - 3 credits

HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits

POLS 102 American National Government - 3 credits

POLS 205 World Geography - 3 credits

POLS 335 American Foreign Policy - 3 credits OR

POLS 372 International Relations - 3 credits

POLS 402 Constitutional Law - 3 credits

PSYC 313 Social Psychology - 3 credits

Education Requirements 30 credits

EDUC 150 Introduction to the Teaching Profession - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits

EDUC 415 Teaching Middle and Secondary Education - 3 credits

EDUC 422 Data Driven Instruction - 3 credits

EDUC 425 Student Teaching Practicum - 12 credits

Special Education Requirements 27 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 220 Instructional/Assistive Technology - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits

SPED 282 Low Incidence Disabilities - 3 credits

SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

SPED 381 Secondary Transitions - 3 credits

SPED 480 Professional Collaboration and Communication - 3 credits

SPED 481 Intensive Reading/Writing/Mathematics for Special Education - 3 credits

Minimum credits for B.A. degree 138 credits

Post-Baccalaureate Program Leading to Bachelor of Arts Degree with a major in Social Studies / Secondary Education

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional context.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Prerequisites to the Program

54 credits

Humanities and Social Sciences (6)

ENGL 101 College Composition - 3 credits

English Literature Elective - 3 credits

Natural Sciences (6)

Mathematics Elective - 3 credits

Mathematics Elective - 3 credits

Social Sciences (21)

HIST 201 Western Civilization I - 3 credits

HIST 202 Western Civilization since the Sixteenth Century - 3 credits

HIST 382 History of Pennsylvania: Focus on Pittsburgh - 3 credits

POLS 102 American National Government - 3 credits

PSYC 313 Social Psychology - 3 credits

GCS 175 Introduction to Global Cultural Studies - 3 credits

GCS 225 Anthropology of Belief - 3 credits OR

GCS 310 Human Rights in Theory & Practice - 3 credits

Education and Special Education Requirements (21)

EDUC 101 Technological Literacy for Education for the 21st Century - 3 credits

EDUC 220 Family and Community Diversity - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits

EDUC 228 Educational Psychology - 3 credits

EDUC 250 Working with English Language Learners - 3 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

Department Major Requirements

24 credits

ECON 201 Introduction to Macroeconomics - 3 credits

ECON 202 Introduction to Microeconomics - 3 credits

ECON 421 International Economics - 3 credits

HIST 203 History of the U.S. I - 3 credits

HIST 204 History of the U.S. II - 3 credits

POLS 205 World Geography - 3 credits

POLS 335 American Foreign Policy - 3 credits OR
POLS 372 International Relations - 3 credits
POLS 402 Constitutional Law - 3 credits

Education Requirements

27 credits

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 415 Teaching Middle and Secondary Education - 3 credits
EDUC 422 Data Driven Instruction -3 credits
EDUC 425 Student Teaching Practicum - 12 credits
EDUC 432 Student Teaching Seminar - 3 credits
SPED 380 Differentiated Instructional Practices in the Inclusive Classroom - 3 credits

Minimum credits for B.A. degree

51 credits

Early Childhood Education

Associate of Arts Degree with a major in Early Childhood Education

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Department General Requirements

9 credits

Humanities and Social Sciences (6)

POLS 102 American National Government -3 credits
PSYC 209 The Child from Conception to Nine - 3 credits

Natural Sciences (3)

MATH 155 General Mathematics- 3 credits

Department Major Requirements

27 credits

EDUC 120 Building Family Partnerships - 3 credits
EDUC 150 Introduction to Teaching Profession OR
EDUC 220 Family and Community Diversity - 3 credits
EDUC 222 Assessment and Adaptation - 3 credits
EDUC 228 Educational Psychology - 3 credits
EDUC 250 English Language Learning - 3 credits
EDUC 251 Arts and Music in Teaching - 3 credits
SPED 180 Special Education and Inclusive Practices - 3 credits
SPED 280 Positive Behavioral Interventions and Supports - 3 credits

Minimum credits for A.A. degree

66 credits

Instructional Studies

The program, leading to the Bachelor of Arts degree with a major in Instructional Studies, has been developed to meet the needs of those students who want in-depth knowledge related to the field of education, but who have chosen to not take the path leading to teaching certification. Depending upon the selection of the academic concentration, one would be well prepared to enter the job market in corporate training, work in non-profit institutions, work with children in various settings ranging from day care centers to paraprofessionals in school districts, to academic program support at non-profit institutions of learning, just to name a few.

The program has two academic concentrations: Child Care Administrator and Educational Leadership. Depending on the interest of the student, and future employment scenarios, the two available options provide a rich background for entering the chosen field.

Bachelor of Arts Degree with a major in Instructional Studies

Program Objectives

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional process.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.

Core Requirements

42 credits

Department General Requirements

18 credits

History course - 3 credits

Math course - 3 credits

Political Science course - 3 credits

Psychology course - 3 credits

Sociology course - 3 credits

One additional course in HIST, MATH, POLS, PSYC, SOC or SOCW- 3 credits

Education Department Requirements

30 credits

EDUC 120 Building Family Partnerships - 3 credits

EDUC 150 Intro to Teaching Profession OR

EDUC 220 Family and Community Diversity - 3 credits

EDUC 222 Assessment and Adaptation - 3 credits

EDUC 228 Educational Psychology - 3 credits

EDUC 323 The Adolescent Learner - 3 credits

EDUC 450 Advanced Seminar: Instructional Studies - 6 credits

SPED 180 Special Education and Inclusive Practices - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

Concentration Requirement

18 credits

Choose one Concentration OR a Minor:

Child Care Administrator:

ACCT 101 Introductory Accounting I OR

BMGT 101 Introduction to Business - 3 credits

EDUC 250 English Language Learners - 3 credits

EDUC 251 Arts and Music in Teaching - 3 credits

EDUC 331 Early Childhood Administrator I - 3 credits

EDUC 332 Early Childhood Administrator II - 3 credits

EDUC 408 Early Childhood Assessment - 3 credits

Educational Leadership:

BMGT 101 Introduction to Business - 3 credits

BMGT 207 Human Resource Management - 3 credits

CMLD 215 Intro to Community Leadership - 3 credits

CMLD 405 Leading Non-Profit Organizations - 3 credits

EDUC 445 Adult Learning Theory and Motivation - 3 credits

EDUC 448 Training and Development - 3 credits

Minor as Defined by the University

General Electives

12 credits

Minimum credits for B.A. degree

120 credits

Minors in the School of Education

The Minors for the School of Education consist of a minimum of 18 credits. The following minors are available:

Middle School English Minor (18 credits)

EDUC 321 Literacy and Learning in Middle and Secondary Schools - 3 credits
EDUC 250 World Literature - 3 credits
EDUC 251 World Literature - 3 credits
ENGL 302 Introduction to Linguistics OR
 ENGL 335 History of the English Language - 3 credits
ENGL 325 American Literature Survey I OR
 ENGL 326 American Literature Survey II - 3 credits
ENGL 338 Literary Criticism - 3 credits

Middle School Mathematics Minor (18 credits)

EDUC 415 Teaching Middle and Secondary Education - 3 credits
MATH 150 Mathematical Problem Solving- 3 credits
MATH 155 General Mathematics - 3 credits
MATH 165 Basic Algebra - 3 credits
MATH 175 Elementary Statistics - 3 credits
MATH 180 College Algebra - 3 credits

Middle School Social Studies Minor (18 credits)

ECON 201 Macroeconomics OR
 ECON 202 Microeconomics - 3 credits
HIST 203 History of the U.S. I OR
 HIST 204 History of the U.S. II - 3 credits
HIST 378 U.S. History since World War I - 3 credits
HIST 201 History of Western Civilization I - 3 credits
HIST 202 Western Civilization since the Sixteenth Century - 3 credits
POLS 102 American National Government - 3 credits

Middle School Science Minor (18 credits)

BIOL 111 Introduction to Contemporary Biological Concepts II - 3 credits
BIOL 211 Human Biology - 3 credits
CHEM 101 General Chemistry I - 3 credits
NSET 110 Introduction to the Natural Sciences - 3 credits
NSET 111 Introduction to the Life Sciences - 3 credits

Education Minor (18 credits)

Eighteen credits in Education or Special Education - 18 credits

Special Education Minor (18 credits)

SPED 180 Special Education and Inclusive Practices - 3 credits

Five Additional courses from the following:

EDUC 250 Working with English Language Learners - 3 credits

SPED 220 Instructional/Assistive Technology - 3 credits

SPED 280 Positive Behavioral Interventions and Supports - 3 credits

SPED 281 High Incidence Disabilities/Autism Spectrum Disorders - 3 credits

SPED 282 Low Incidence Disabilities - 3 credits

SPED 380 Differentiated Instructional Practices in the Classroom - 3 credits

SPED 381 Secondary Transition Processes and Procedures - 3 credits

SPED 480 Professional Collaboration and Communication - 3 credits

SPED 481 Intensive Reading, Writing, and Math Interventions - 3 credits

SPED 482 Effective Instructional Practices and Delivery Methods for All Levels of Special Education - 3 credits

Graduate Studies

The School of Education currently offers seven graduate degrees. The School offers three Master of Arts degrees: a Master of Arts in Educational Administration, which includes K-12 Principal Certification; a Master of Arts in Curriculum and Instruction, with options for K-12 Supervisory Certification, or a concentration in Teaching and Learning; and a Master of Arts in Adult Learning and Training. The School also offers additional degrees: a Master of Education in Athletic Coaching; a Master of Education in Secondary Education for those candidates who possess a Bachelor's degree in one of the content areas (or closely related field) and who desire secondary certification; and a Master of Education in Special Education (for those teachers who want to add on Special Education certification). The Master of Education in Special Education has two programs available: Pre-K through Grade 8 or Grades 7 through 12. Additionally, the School offers an 18 credit online certificate in Adult Education and Administration, a program leading to Certification as School Principal K-12, and Certification leading to Superintendent Letter of Eligibility. The School also offers a 54-credit Doctorate of Education program in Leadership and Administration. These programs are offered primarily on Saturdays and online and require the completion of a range of credits: 30 credits for the M.Ed. in Teaching and Leadership to 42 credits for the M.Ed. in Secondary Education.

For a graduate catalog or information, visit the website or please call [Graduate Admissions Office](#) at (412) 392-3808.

COURSE DESCRIPTIONS

COURSE NUMBERS

The course-numbering system indicates the college level at which courses are normally taken.

NUMBERING SYSTEM GUIDE

001-009	precollege course-no credit
010-099	credit granted but not applicable to graduation
100-199	primarily for first-year students
200-299	primarily for second-year students
300-499	primarily for upper division students
500-599	graduate courses
600-799	doctorate courses

At the end of each description, course credits are listed. Courses with variable hours and credits are so indicated.

SEMESTER SCHEDULE

Notation to the right of the course name indicates when the course is offered. If a notation is not included, the course is offered as needed.

DEPARTMENTAL OFFERINGS

ACCOUNTING

- ACCT 101 Introductory Accounting I** **3 credits**
The basic principles and procedures for gathering, recording, summarizing and interpreting accounting data.
- ACCT 102 Introductory Accounting II** **3 credits**
General accounting principles, special procedures for manufacturing operations and analysis of financial and fund statements. Prerequisite: ACCT 101.
- ACCT 201 Intermediate Accounting I** **3 credits**
Preparation of financial statements. Additional principles for cash receivables, inventories, investments and income concepts. Prerequisite: ACCT 102. Co-requisite or prerequisites: ACCT 204, CMPS 214.
- ACCT 202 Intermediate Accounting II** **3 credits**
The principles of fixed assets, liabilities and equity accounting; statements of funds and cash flow; problems of business reorganization. Prerequisites: ACCT 201, CMPS 214.
- ACCT 203 Managerial/Cost Accounting** **3 credits**
Use of accounting information for management planning and control and the interpretation of accounting data as a management tool. Prerequisite: ACCT 102.
- ACCT 204 Computer Applications in Accounting** **3 credits**
Use of a computer to process accounting data and a computer-assisted practice set. Analysis of a company's evolution from a sole proprietorship to a corporation. Creation of journal entries and use of the computer to generate the annual journal, trial balance and financial statements. Prerequisite: ACCT 102.
- ACCT 210 Introduction to Financial Accounting** **3 credits**
Introduction to and application of financial accounting concepts relating to the importance of accounting in business and the application of generally accepted accounting principles related to the collection, recording, analysis, interpretation and reporting of financial accounting information. Prerequisite: MATH 180.

- ACCT 220 Managerial Accounting** **3 credits**
Introduction to and application of managerial accounting concepts related to the use and interpretation of accounting data in decision making. Prerequisite: ACCT 210.
- ACCT 230 Accounting Information Systems** **3 credits**
An introduction to computerized accounting information systems. Financial data processing and reporting, including application of accounting concepts, principles and preparation of reports, using systems commonly used in actual practice. Prerequisite: ACCT 210.
- ACCT 300 Advanced Accounting Theory** **3 credits**
Accounting principles as they relate to partnerships, consignments, installments, branch relations and consolidations. Prerequisites: ACCT 202, ACCT 204, CMPS 214.
- ACCT 301 Cost Accounting Principles** **3 credits**
Principles and procedures for determining unit cost of production, job order cost and standard process cost systems. Prerequisite: ACCT 102.
- ACCT 303 Tax Accounting** **3 credits**
Principles of tax accounting, types of returns, includable and excludable income, expenses, deductions, inventory and depreciation methods. Prerequisites: ACCT 102, CMPS 214 or permission of instructor.
- ACCT 305 Auditing** **3 credits**
Principles and methods of verification of accounts and financial statements. Auditing theory and practical and theoretical applications of auditing standards and procedures. Prerequisite: ACCT 202.
- ACCT 307 Nonprofit Accounting** **3 credits**
This course will address the principles of accounting in nonprofit organizations, including donations, restricted accounts, fund balance and IRS requirements. Prerequisite: ACCT 102 or BUS 303.
- ACCT 310 Intermediate Financial Accounting** **3 credits**
A study of accounting standards, the conceptual framework and financial reporting with a focus on the income statement, the balance sheet, the statement of cash flows, and a detailed examination of accounting concepts related to cash, receivables and inventories. Prerequisite: ACCT 210, CMPS 214.
- ACCT 311 Intermediate Financial Accounting II** **3 credits**
A study of accounting standards, the conceptual framework and financial reporting with a focus on property, plant and equipment, intangible assets, depreciation, amortization, impairments, liabilities, and equity. Prerequisite: ACCT 310, FIN 300
- ACCT 312 Intermediate Financial Accounting III** **3 credits**
A study of accounting standards, the conceptual framework and financial reporting with a focus on revenue recognition, income taxes, leases, pension, and post-retirement benefits. Prerequisite: ACCT 311
- ACCT 320 Cost Accounting** **3 credits**
Principles and procedures for determining unit cost of production, job order cost and standard process cost systems. Prerequisite: ACCT 210, ACCT 220, CMPS 214.
- ACCT 350 Federal Taxation** **3 credits**
Basic principles and procedures of Federal Taxation with an emphasis on individual taxpayers. Prerequisites: ACCT 210, CMPS 214 or permission of instructor.
- ACCT 355, ACCT 356 Accounting Internship I, II** **3 credits**
Part-time job experience approved by the department in a local business or industrial firm. Method of evaluation to be agreed upon by the departmental and job-site supervisors. May include periodic reports, a day-by-day journal and a final report. Prerequisites: Junior standing and permission.
- ACCT 381 Accounting Internship I** **3 credits**
Part-time job experience approved by the department in a an accounting firm, a business or industry . Method of evaluation to be agreed upon by the departmental and job-site supervisors. May include periodic reports, a day-by-day

journal and a final report. Prerequisites: Junior standing and permission

ACCT 382 Accounting Internship II

3 credits

Part-time job experience approved by the department in a an accounting firm, a business or industry . Method of evaluation to be agreed upon by the departmental and job-site supervisors. May include periodic reports, a day-by-day journal and a final report. Prerequisites: Junior standing and permission

ACCT 410 Advanced Accounting Theory

3 credits

Accounting principles as they relate to business combinations and the consolidation process. Advanced complex financial accounting topics will be covered. Prerequisites: ACCT 312.

ACCT 440 Auditing I

3 credits

An introduction to the fundamentals of financial statement auditing. A student of the principles and practices used by public accountants in examining financial statements and supporting data with an emphasis on the basic auditing concepts such as risk, internal control, evidence, objectivity and important relationships among these concepts. Perquisites: ACCT 312.

ACCT 460 Nonprofit Accounting

3 credits

A study of the principles of accounting in nonprofit organizations, including donations, restricted accounts, fund balance and IRS requirements. Prerequisites: ACCT 210.

ACCT 194, ACCT 294

Selected Topics in Accounting

1-6 credits

ACCT 295, ACCT 395, ACCT 495 Selected Topics in Accounting I, II, III

1-6 credits

ACCT 296, ACCT 396, ACCT 496 Independent Study in Accounting I, II, III

1-6 credits

Special Request Independent Study Fee: \$65 per credit. Students produce an integrated marketing communication plan for a client.

ARABIC

ARBC 101 Elementary Arabic I

3 credits

Students will study the Arabic script and phonology of the five major dialectical areas as well as acquiring an overview of these geographical areas. Emphasis will be placed on acquisition of the Arabic script, pronunciation, and learning simple dialogues.

ARBC 102 Elementary Arabic II

3 credits

Students will study the grammatical case system for the singular, dual and plural. They will also begin the trilateral and quadrilateral radical system. Emphasis will be placed on improving pronunciation and on learning simple dialogues. Prerequisite: ARBC 101.

ARBC 201 Intermediate Arabic I

3 credits

Students will increase their proficiency in reading, translation, and writing in the ruq'a script. Emphasis will be placed on situational dialogues and on grammatical analysis. Prerequisite: ARBC 102.

ARBC 202 Intermediate Arabic II

3 credits

Students will increase their proficiency in pronunciation and the facility in the use of the Arabic script. Emphasis will be placed on speaking, reading, and writing skills, using simple short texts, situational dialogues, and grammatical analysis. Pre-requisite: ARBC 201.

ARTS MANAGEMENT

AMGT 216 Development for the Arts

3 credits

Examines the different aspects of development including the roles played by the board of directors and staff in raising funds for arts organizations. An overview of corporate, foundation and government grant-seeking. Individual donor drives and their relationship to audience-building. The components of, and differences between annual, multi-year, challenge and capital campaigns, and how general operating funds and project funds support arts organization activities. Students will visit and learn to use the Foundation Center at the Carnegie Library. Prerequisite: Junior/Senior Standing; Film and Video, Digital Arts and Cinema, Film and Video Production, and Photography Majors Only.

AMGT 455, AMGT 456 Arts Management Internship I, I **6 credits**
 On-site experiences in non-profit organizations with assignments directly related to course study and level of proficiency. Flexible hours may be controlled by the arts organization, but a minimum of 24 to 30 hours per week is required. Students must keep a portfolio and a journal and provide satisfactory supervisor and self-evaluations. Internships are secured by the student in consultation with an advisor and/or the written approval of the department chair.

AMGT 296, AMGT 396, AMGT 496
Independent Study in Arts Management I, II, III **1-6 credits**
 Special Request Independent Study Fee: \$65 per credit

BALLET

BAL 101 Supplemental Classical Ballet I – B.A., Non-Concentration **1-2 credits**
 A study of classical ballet technique and theory with an emphasis on proper placement and correct execution. Class placement is determined by student potential and previous training.

BAL 102 Supplemental Classical Ballet II – B.A., Non-Concentration **1-2 credits**
 Continued study of classical ballet technique and theory with an emphasis on proper placement and correct execution at novice to intermediate level.

BAL 111 Classical Ballet I **3 credits**
 A study of classical ballet technique theory with an emphasis on proper placement and correct execution. Class placement is determined by student potential and previous training. Prerequisites: First year Dance Major; Audition.

BAL 121 Classical Ballet II **3 credits**
 Continued study of classical ballet technique and theory with an emphasis on proper placement and correct execution at novice to intermediate level. Prerequisite: BAL 111.

BAL 131 Pointe I **1 credit**
 Basic techniques of dancing en pointe. An introduction to correct pointe positions and exercises to strengthen the feet and legs. Prerequisite: Audition.

BAL 141 Pointe II **1 credit**
 Basic techniques of dancing en pointe. An introduction to correct pointe positions and exercises to strengthen the feet and legs. Prerequisite: BAL 131.

BAL 151 Male Technique I **1 credit**
 Specific attention to the technical requirements needed to perform classical male variations. Prerequisite: Audition.

BAL 161 Male Technique II **1 credit**
 Specific attention to the technical requirements needed to perform classical male variations. Prerequisite: BAL 151.

BAL 171 Pas de Deux I **1 credit**
 These courses introduce the basic technique required to perform classical partnering. Various styles, supported pirouettes, promenades and lifts will be included. Prerequisite: Audition.

BAL 181 Pas de Deux II **1 credit**
 These courses introduce the basic technique required to perform classical partnering. Various styles, supported pirouettes, promenades and lifts will be included. Prerequisite: BAL 171.

BAL 201 Supplemental Ballet III **1-2 credits**
 Additional studies in ballet. Prerequisite: BAL 121 or Instructor Placement.

BAL 202 Supplemental Ballet IV **1-2 credits**
 Additional studies in ballet. Prerequisite: BAL 201 or Instructor Placement.

BAL 211 Classical Ballet III **3 credits**

A continuation of ballet technique with an emphasis on technical proficiency and musicality. Prerequisite: BAL 121 or Instructor Placement.

BAL 221 Classical Ballet IV 3 credits
A continuation of ballet technique with an emphasis on technical proficiency and musicality. Prerequisite: BAL 211.

BAL 231 Pointe III 1 credit
A continuation of BAL 141 with particular emphasis placed on increasing strength and executing movements on one leg. Prerequisite: BAL 141.

BAL 241 Pointe IV 1 credit
A continuation of BAL 231 with particular emphasis placed on increasing strength and executing movements on one leg. Prerequisite: BAL 231.

BAL 251 Male Technique III 1 credit
A continuation of BAL 161 with emphasis on study of selected male variations. Prerequisite: BAL 161.

BAL 261 Male Technique IV 1 credit
A continuation of BAL 251 with emphasis on study of selected male variations. Prerequisite: BAL 251.

BAL 271 Pas de Deux III 1 credit
A continuation of BAL 181 with emphasis on techniques of partnering and studies of selected classical pas de deux. Prerequisite: BAL 181.

BAL 281 Pas de Deux IV 1 credit
A continuation of BAL 271 with emphasis on techniques of partnering and studies of selected classical pas de deux. Prerequisite: BAL 271.

BAL 291 Ballet Repertoire 1 credit
This course is an introduction to classical and neoclassical ballet repertoire focusing on the technical, stylistic, musical and artistic standards of each work. Classes will culminate in an informal performance at semester end. Prerequisite: Sophomore standing.

BAL 194, BAL 294 Special Topics (CORE) 3 credits

BAL 301 Supplemental Ballet V 1-2 credits
Additional studies in ballet. Prerequisite: BAL 202 or Instructor Placement.

BAL 302 Supplemental Ballet VI 1-2 credits
Additional studies in ballet. Prerequisite: BAL 301 or Instructor Placement.

BAL 311 Classical Ballet V 3 credits
A continuation of ballet technique with an emphasis on technical strength and stamina. Prerequisite: BAL 221.

BAL 321 Classical Ballet VI 3 credits
Continued study of ballet technique with an emphasis on technical strength and stamina, from intermediate to advanced level. Prerequisite: BAL 311.

BAL 401 Supplemental Ballet VII 1-2 credits
Additional studies in ballet. Prerequisite: BAL 302 or Instructor Placement.

BAL 402 Supplemental Ballet VIII 1-2 credits
Additional studies in ballet. Prerequisite: BAL 401 or Instructor Placement.

BAL 411 Classical Ballet VII 3 credits
Continued study of classical ballet technique with an emphasis on speed and movement quality. Prerequisite: BAL 321.

BAL 421 Classical Ballet VIII 3 credits

Capstone study of classical ballet technique with an emphasis on speed and movement quality; preparation for career in dance performance. Prerequisite: BAL 411.

BIOLOGICAL SCIENCES

- BIOL 101 General Biology I** **3 credits**
An introduction to the cell as the basic unit of life, its structures, functions and the extension of these aspects to all living organisms. Laboratory section: BIOL 103.
- BIOL 102 General Biology II** **3 credits**
The development and maintenance of life including the relationship of organisms to each other and to their environment; the process and results of evolution. Laboratory section: BIOL 104.
- BIOL 103 General Biology Laboratory I** **1 credit**
Development of basic laboratory skills illustrating important biological principles. Prerequisite or co-requisite: BIOL 101.
- BIOL 104 General Biology Laboratory II** **1 credit**
Development of basic laboratory skills illustrating important biological principles. Prerequisite or co-requisite: BIOL 102.
- BIOL 205 Botany** **3 credits**
A brief summary of the plant kingdom with emphasis on the structure and function of important members and their ecologic and economic role in ecosystems. Prerequisites: BIOL 101, BIOL 102.
- BIOL 206 Zoology** **3 credits**
The taxonomy of the protozoa and metazoa as well as the morphology and physiology of the major homeostatic organ systems are studied from a comparative and evolutionary point of view. The laboratory consists of a study of selected organisms that best demonstrate the theory and principles of homeostasis. Prerequisites: BIOL 101, BIOL 102.
- BIOL 210 Biological Evolution** **3 credits**
The study of the Theory of Biological Evolution. An historical approach leading to Darwin's Theory of Natural Selection; understanding Darwin's Theory and its implications for science and society; a study of the evidences for demonstrating the validity of biological evolution; and some of the new frontiers of scientific research which validates the classical evolutionary argument. Prerequisites: BIOL 102 or NSET 111.
- BIOL 216 Microbiology** **4 credits**
Microorganisms with special reference to bacteria; the basic concepts and laboratory techniques. Protozoa, algae, fungi, viruses and rickettsia are included. Prerequisites: BIOL 101; CHEM 101.
- BIOL 222 Introduction to Genetics** **4 credits**
The principles of hereditary transmission, expression and interaction in individuals and populations are studied. The development of procedures and techniques used in the study of genetics, including plant, animal and protista life cycles; segregation analysis, cytogenetic techniques, mutagenesis and biochemical pathway analysis are covered. Prerequisites or co-requisites: BIOL 102; MATH 175.
- BIOL 225 Anatomy and Physiology I** **4 credits**
Part one of a two-semester course in the structure and function of the systems of the human body. The chemical composition and structure of the cells that make up the tissues and organs of the integumentary, skeletal, nervous and muscular systems. Emphasis on normal and abnormal functioning of these systems in regard to maintaining homeostasis. Prerequisites: BIOL 101/103.
- BIOL 226 Anatomy and Physiology II** **4 credits**
Part two of a two-semester course in the structure and function of the systems of the human body. The hormonal, respiratory, circulatory, digestive, excretory and reproductive systems. Emphasis on normal and abnormal functioning of these systems and the systems covered in Anatomy and Physiology I in regard to maintaining homeostasis. Prerequisite:

BIOL 225.

BIOL 231 Economic Botany

3 credits

A study of the history, characteristics and origin of plants used in industry and agriculture as well as future use of plants in the production of energy, food and materials. Prerequisite: Any 100-level Biology course.

BIOL 235 Introduction to Ecology

3 credits

A study of the principles that govern the interrelationships between the biosphere, atmosphere, hydrosphere and lithosphere components of a system of ecosystems, i.e., the ecosphere. Ethical concerns will be discussed throughout the course. Prerequisites: BIOL 102, CHEM 102, NSET 111.

BIOL 243 Public Health

3 credits

Introduction to selected topics in immunology and epidemiology and their applications to public health. Prerequisite: Any 100-level Biology course.

BIOL 254 Elements of Human Nutrition

3 credits

Coverage of the carbohydrates, lipids and proteins as they relate to the composition of food material. Their role in metabolism along with the vitamins and micronutrients necessary for a balanced dietary regime. The digestive system and related accessory organs with respect to digestion and absorption. Prerequisites: BIOL 101, BIOL 102 or BIOL 111.

BIOL 320 Biochemistry

3 credits

This course addresses the aspects of enzyme kinetics that govern cellular reactions. Topics also include protein structure and function, generation of metabolic energy, biosynthesis of macromolecules, processing of information, and membrane transport. The information is then integrated in terms of overall metabolism and mutations that result in metabolic diseases. Dual listed as CHEM 320. Prerequisite: CHEM 221.

BIOL 324 Human Genetics

3 credits

The general principles of segregation, modes of inheritance, cytogenetics and population genetics as they apply to normal and pathological conditions in humans. The principles of genetic engineering including recombination, cloning and artificial insemination with special reference to the ethical, physical, social and legal implications. Pedigree construction and analysis are an integral part of the course. Prerequisites: BIOL 101, BIOL 102 or BIOL 111.

BIOL 334 Occupational Safety and Health

3 credits

An introductory course dealing with the recognition, evaluation and control of occupational health hazards. Study of the work place, including safety and health standards, using the principles of biology, chemistry, physics, engineering and law. Prerequisite: Junior standing.

BIOL 341 Environmental Health

3 credits

A study of the effects of the environment on health and the prevention of resulting diseases and disability. Includes air pollution, water pollution, problems of solid waste disposal, toxic hazards, food protection, housing, insect vectors and rodents, noise and accidents. Prerequisite: Junior standing.

BIOL 350 Molecular/Cellular Biology

4 credits

A survey of basic biochemistry including biomolecules; proteins, enzymes, carbohydrates, lipids; and bioenergetics and metabolism. This course contains a module in basic molecular biology includes gene regulation, transcription, translation and replication. Laboratory activities including simulations are integrated into the course. Prerequisites: CHEM 222; BIOL 222.

BIOL 365 Developmental Biology

3 credits

This course describes the development patterns of model organisms and applies these principles to the study of human disease. Topics include differentiation, morphogenesis, regeneration growth and tissue repair, and genetic and epigenetic control of development processes. Laboratory activities that demonstrate these principles are integrated into the course. Prerequisites: BIOL 101, BIOL 102, BIOL 222.

BIOL 410 Comparative Vertebrate Anatomy

3 credits

This course emphasizes the adaptations of vertebrate morphology to the environmental conditions faced by vertebrates and their chordate ancestors in the remarkable range of habitats and conditions under which they occur. Structure-function relationships of the organs/organ systems, and the range of structural and evolutionary modifications of organ systems seen

in different vertebrate classes will be covered. Also examined are the evolutionary history and phylogenetic relationships of the major vertebrate groups and vertebrate development. Prerequisite: BIOL 102/104.

BIOL 420 Immunology

3 credits

This course covers cellular and acellular aspects of innate and specific immunity. Hematopoiesis, molecular aspects of cellular development, maturation, activation and function are covered. Also discussed are the molecular aspects of recognition. Particular attention will focus on T-cell-mediated and humoral responses, and acquisition and interactions with normal flora. Pre/Co-requisites: BIOL 216, BIOL 350.

BIOL 443 Applications in Environmental Science

2 credits

The course will cover issues involved in protecting the environment that may include degradation, conservation, recycling, and replenishment that are central to the work of environmental scientists. Students will be introduced to scientific equipment utilized in the field of environmental science and are required to complete a research assignment for their final project. Prerequisite: Junior standing.

BIOL 445 Advances in Environmental Health

3 credits

Includes a survey of recent research in the area. Guest lecturers discuss current problems and possible solutions. Prerequisite: BIOL 341.

BIOL 447 Environmental Science Seminar

3 credits

A required course for all seniors in the Environmental Science concentration that addresses major topics in environmental science. Formal presentation by faculty, students and invited speakers as well as scientific journal readings will promote discussion from multi-disciplinary perspectives. Prerequisite: Senior standing.

BIOL 448 Radiation Health and Protection

3 credits

A survey of radiation health including the origin, nature and interactions of ionizing radiation, and nonionizing reduction; the biological effects of radiation; assessment of hazards; radiation protection methods and current problems and controversies surrounding the field. Prerequisite: CHEM 102.

BIOL 449 Biology Seminar

3 credits

This communication-intensive course is a capstone experience for Biological Science Majors. The course will focus on designing research projects, writing for the sciences, presentations and discussions. Formal presentation by invited speakers as well as scientific journal readings will promote discussion from multidisciplinary perspectives. Prerequisite: Junior/Senior Standing

BIOL 450 Virology

3 credits

The major virus families are discussed with respect to classification, viral genome, structure, pathogenesis, epidemiology and control. The course focuses primarily on animal viruses but also covers bacteriophage, plant viruses and unconventional agents such as prions. Basic aspects such as life cycle, replication, targeted drug development and applications in biotechnology will be discussed. Pre/Corequisites: BIOL 216, BIOL 350.

BIOL 456 Advances in Nutrition

3 credits

Recent findings on the methods and regimes to nourish infants, adolescents and the geriatric population. Controversial and classical methods are evaluated and analyzed. Pre/Corequisite: BIOL 254.

BIOL 295, BIOL 395, BIOL 495 Special Topics in the Biological Sciences I, II, III

1-6 credits

BIOL 296, BIOL 396, BIOL 496 Independent Study in the Biological Sciences I, II, III

Special Request Independent Study Fee: \$65 per credit

BIOL 499 Honors Internship in Biology

1-6 credits

Available to qualified students as a practicum within the University or in conjunction with an external agency. Requires regular progress reports and a final paper. May be repeated for credit. Prerequisites: Consent of an instructor to act as a sponsor, acceptance by an agency if applicable, approval of the department chair, an overall G.P.A. of 3.30 and a departmental G.P.A. of 3.50.

BIOINFORMATICS

- BTEC 300 Receptors, Signaling Pathways and Cellular Control Mechanisms** 3 credits
A study of the major neurocrine, endocrine and cellular receptors, the signaling pathways through which they interact, and their importance. Prerequisite: BIOL 211.
- BTEC 310 Bioinformatics** 3 credits
An introduction to the new technologies used in modern biological research including: bioinformatics, combinatorial chemistry, high throughput screening, transgenics, nanotechnology, machine vision, in silico-biology, etc. Prerequisite: Junior Standing.
- BTEC 450 Drug Discovery and Development** 3 credits
A study of how modern human and animal pharmaceuticals and agrochemicals are discovered, patent protected, developed, approved, marketed and sold in the US and around the world. Prerequisite: Senior Standing.

BUSINESS MANAGEMENT

- BMGT 101 Introduction to Business** 3 credits
A survey of business and management using descriptive and analytical techniques including the study of human relations, delegation of authority and managerial communications.
- BMGT 201 Business Law I** 3 credits
An introduction to the law in general and a survey of the law as it relates to business transactions including the law of contracts, agency and employment, personal property, bailments, real property, wills, descendants' estates, trusts and international law.
- BMGT 202 Business Law II** 3 credits
A survey of the law as it relates to business transactions including the law of sales, the Uniform Commercial Code, consumer law, commercial papers, partnerships, corporations, antitrust, labor, environmental, secured transactions, bankruptcy, insurance and administrative law. Prerequisite: BMGT 201.
- BMGT 207 Human Resource Management** 3 credits
Overview of HR functions with a focus on: recruitment and selection processes, performance appraisal systems, and compensation & benefit systems, EEOC compliance, employee relations and discipline. Students in the HR program must retain a copy of the completed group project for submission in their portfolio in BMGT 418. Prerequisites: PSYC 150.
- BMGT 208 Principles of Management** 3 credits
Emphasis on the major theories and functions of management. Students develop an understanding of why management is needed in all organizations and what constitutes good management. Prerequisite:
- BMGT 210 Digital Marketing** 3 credits
The internet and related technology skills are required by most business today – particularly in the realm of marketing. You'll learn the basic language of the online marketing ecosystem including advertising, search engine optimization/management, analytics, content development/deployment and social media. This is a hybrid course, combining online learning with in-person implementation of learning with real clients during our class time. Dual Listed with SAEM 210. Prerequisites: SAEM 202 or MKTS 205.
- BMGT 221 Business Communications and Research** 3 credits
The objectives, methods and forms of business communications; business research and the classification and presentation of findings. Prerequisites: ENGL 101.
- BMGT 231 Introduction to the Hospitality Industry/Profession** 3 credits
This course uses the history of the hospitality industry to introduce students to the scope of businesses and activities, and current and emerging trends.
- BMGT 234 Ethical Leadership** 3 credits
A philosophical investigation of the main concepts and theories of ethics, with applications to fundamental moral

questions as they arise in different areas of business. The following issues may be used as illustrations: affirmative action, investment in unethical companies or countries, product safety, whistle blowing and advertising. Prerequisite: None.

BMGT 241 Sales/Revenue and Marketing Planning in the Hospitality Industry 3 credits

This course covers the various revenue centers or activities with the hospitality industry and how marketing planning is used to determine the appropriate mix. Specialty or niche marketing strategies will be examined, along with other strategies for establishing competitive advantage, by employing Strategic Planning. Prerequisite: BMGT 231.

BMGT 271 The Money Thing: Life and Finances During and After College 3 credits

Life is coming and so are its financial responsibilities. Now is the time to become more financially literate. This course will provide students an engaging and approachable framework for developing greater financial literacy and creating financial plans as students move out of their college experience and into the real-world. Topics such as student loan consolidation, balancing consumer needs and savings, creating financial budgets and plans, maintaining a healthy credit standing, and developing long-term financial horizons will be few of the areas covered through the use of readily available PC and mobile applications. Prerequisites: Sophomore standing or above.

BMGT 280 Business Career Prep 1 credit

This class will prepare students for entry into the professional world by developing foundational skills in interviewing and marketing themselves utilizing resumes, cover letters, social media and e-portfolios.

BMGT 303 International Business 3 credits

An overview of business practices in the international arena which acquaints students with the complexities of international business. Analysis of such topics as global interdependencies, the working of multinational enterprises and other concerns reflecting the variety of socio-economic environments in which transnational institutions function.

BMGT 305 Regulations in the Workplace 3 credits

Covers major employment, labor and discrimination laws and regulations governing the workplace. Develops an understanding of the practical application of workplace regulations on day-to-day human resources operations and ways to minimize a company's exposure to lawsuits and charges with emphases on case study discussion, practical examples and use of extensive resource materials. Students in the HR program must retain a copy of the completed work for submission in their portfolio in BMGT 418. Prerequisite: Junior standing.

BMGT 315 Financial Reporting and Control 3 credits

Financial Reporting is a course in the non-technical application of the principles of accounting, with emphasis on the use and interpretation of financial reports, managerial planning and control. The course is designed to impart a basic knowledge of the uses and applications of accounting. It is designed for the user of accounting information rather than the preparer. Students in the HR program must retain a copy of the completed work for submission in their portfolio in BMGT 418. Prerequisites: ACCT 101, 102.

BMGT 316 Labor and Management Relations 3 credits

This course reviews the history and evolution of American labor unions, including industrial relations problems. The course will explore the concept of collective bargaining by focusing on the formation of labor unions, the passing of the National Labor Relations Act, and the development of subsequent labor laws. The components of a labor agreement, including the relative positions of management and the union in negotiations, will be discussed. U.S. employment law will also be covered. Students in the HR program must retain a copy of the completed work for submission in their portfolio in BMGT 418. Prerequisite: BMGT 207.

BMGT 318 Human Resource Management II 3 credits

Human Resource Management II delves into HR processes from a strategic level. Focus will be on Human Resource Management as a Business Partner for the design and implementation of organizational processes to achieve corporate goals and improve efficiencies. Topics under discussion include: workforce planning, labor forecasting, talent management, HR technology, metrics and analytics, onboarding, succession planning and strategic HR. The SHRM competencies, consultation, business acumen, and leadership and navigation, will be included in the course content. Students in HR program are required to upload at least one example of their work as identified by the faculty member to their e-portfolio. Prerequisite: BMGT 207.

BMGT 319 Current Topics in Human Resource Management 3 credits

In depth study into current topics that impact how organizations properly address and manage HR processes thereby

enabling the organization to obtain desired goals and address sustainability. The SHRM competency of Global and Cultural Effectiveness will be included in the course content. Students in the HR program are required to upload at least one example of their work as identified by the faculty member to their e-portfolio. Prerequisite: Junior Standing.

BMGT 320 HR Data Analysis

3 credits

HR Data Analysis will investigate and evaluate the various systems and tools commonly used by organizations to extract and analyze data, and in strategic organizational decision-making to enhance organizational success and sustainability. Students will examine and develop the skills required to extract and analyze HR data. Students will apply these newly developed skills to analyze the impact on organizational success, strategic decision-making and sustainability. The SHRM competency, Critical Evaluation, will be included in the course content. Students in HR program are required to upload at least one example of their work as identified by the faculty member to their e-portfolio.

BMGT 326 Investment Management

3 credits

An analysis of securities and principles governing the management of investment assets including risk management pertinent to insurance and real estate. Prerequisites: FIN 300; ACCT 210

BMGT 330 Compensation and Benefits

3 credits

Covers compensation theory and the major employment and labor laws and regulations affecting compensation. Topics include, but are not limited to, defined benefit/defined contribution retirement programs and fringe benefit plans. Students in the HR program must retain a copy of the completed work for submission in their portfolio in BMGT 418. Prerequisite: Junior Standing.

BMGT 331 Safety and Security in the Hospitality Industry

3 credits

This course covers all aspects of safety and security in the hospitality industry; including food handling procedures and inspection compliance, guest and facility safety and security, regulatory and legal, IT and data security and privacy, and special concerns specific to the industry. Prerequisite: BMGT 231

BMGT 332 Introduction to Entrepreneurship

3 credits

The course involves an introduction to the discipline of entrepreneurship and a study of the essential steps in starting and operating a smaller business.

BMGT 336 Entrepreneurship Regulation

3 credits

A study of those legal and regulatory issues that entrepreneurs face in starting and operating a new small business. The focus of the course will be on training entrepreneurs to recognize those legal issues in the new enterprise before they become significant legal problems.

BMGT 338 Operations Management & Quantitative Analysis

3 credits

Students will study concepts of operations management. Students will learn to use statistical techniques and quantitative analysis to apply to business type problems. Topics will include: Project management (PERT), use of formulas/mathematical equations/probability to make business decisions, models such as linear programming, forecasting, and basic inventory models.

BMGT 340 Organizational Behavior with Topics in Management

3 credits

Examines the role of individual and group behavior within work organizations. Review the traditional theories of management. Topics will include motivation, leadership, group behavior, organizational structure, conflict management, and resistance to change.

BMGT 341 Operations Management in the Hospitality Industry

3 credits

This course will identify the resource requirements for the major functions or activities in the hospitality industry-what it takes to run a business including front desk/housekeeping/human resources, and food and beverage management(catering, banquets, restaurants, and room service). This course will explore what is required to operate these departments, and how to prepare budgets and control expenditures to manage profitability, while balancing service levels. Prerequisite: BMGT 231

BMGT 351 Organizational Behavior in the Hospitality Industry

3 credits

This course will cover the behavioral or psychological issues related to the hospitality industry: from the perspective of both guests and employees. Many techniques will be covered, including; conflict resolution, crisis management, human resource activities-hiring/orientation/training/role playing/union and labor relations and many others. It will also cover the corporate culture of a business and how to integrate employees into the culture. Prerequisite: BMGT 231

- BMGT 353, BMGT 354 Hotel/Restaurant Internship I, II** **3 credits**
 Practical work experience in the hotel and restaurant environment gained through a coordinated study program between the department and participating businesses. Periodic reports of the progress of the internship are required. Prerequisites: Junior Standing and permission.
- BMGT 355, BMGT 356 Business Management Internship I, II** **3 credits**
 Part-time job experience approved by the department in a local business or industrial firm. Method of evaluation to be agreed upon by the departmental and job-site supervisors. May include periodic reports, a day-by-day journal and a final report. Prerequisites: Junior standing and permission.
- BMGT 380 Cooperative Education I** **6 credits**
 Cooperative education provides students with hands on experience in industry. Students gain practical experience, enhance skills learned in the classroom, and acquire contacts with professionals in business. This course requires students to complete 480 hours in the field, be evaluated by their supervisor and prepare a report. Students must be approved prior to beginning their co-op and should have a Q.P.A. of 3.0 or higher. This is a Pass/Fail course. Prerequisite: BMGT 280.
- BMGT 406 Operations/Production/Quality Management** **3 credits**
 An integrated view of operations/production with regard to strategic planning and relationships with other functional areas. The operations/production process is analyzed with emphasis on the solution of problems using contemporary management tools such as linear programming, the case study method and other selected mathematical/statistical techniques. Prerequisite: BMGT 310
- BMGT 410 Case Studies in Business Operations and Management** **3 credits**
 Case studies in technical, business and professional areas that address the application of skills developed in the professional studies program. Emphasis on planning, scheduling and managing resources, as well as leadership skills and ethical issues in the workplace environment.
- BMGT 418 Portfolio and Career Planning with Assessment** **3 credits**
 This is one of the final courses for Human Resource Management Majors. This course will be the culmination of all the work students have done in the program. It requires students to collect evidence of learning outcomes throughout their course work program. Students will be required to gather, organize, and reflect on work they have included in their portfolio. Students will present their portfolio using technology and audio-visual equipment to a professional audience. Additionally, students will complete a series workplace practicum modules that will help prepare them for career placement/advancement and build a social network. And they will explore certification options, including the standardized for graduating seniors. Students will meet individually with the instructor to discuss various components of your portfolio. It is in the students best interests to work with others and share the projects that they plan to include in their portfolio. Prerequisites: BMGT 318 Human Resource Management II, BMGT 419, Senior Standing.
- BMGT 419 Research Methods in a Business Environment** **3 credits**
 This course explores various qualitative and quantitative research methods, experimental controls, data analysis, and scientific communication used in a business environment. Upon completion of the course, students will know how to formulate research questions, select the appropriate research methodology, collect and analyze data, and communicate findings and recommendations. The SHRM competency, Critical Evaluation, will be included in the course content. Students in the HR program are required to upload at least one example of their work as identified by the faculty member to their e-portfolio. Pre-requisite: MATH 175.
- BMGT 420 Seminar in Human Resource Management Capstone** **3 credits**
 This course is the Capstone Course taken by all Human Resource Management Majors. Students will use the theory and practices of Human Resources they have learned throughout their academic career to design and implement a Human Resource project in a specific business environment. The project will pertain to one of the following HR function or service areas: Safety & Health, Employee and Labor Relations, HR Resources, Staffing, HR Development or Compensation & Benefits. The students will research and write a literature review on the topic. The student will conduct a needs analysis to identify the specific need of the organization. The needs analysis will also provide focus for the student to design a program addressing the need. A formal report on the process and content of the project will be composed and submitted to the instructor. Deliverables including the designed HR program to address the identified need, implementation method and

evaluation procedures of the designed program will be developed and presented to the organization or client. Non-Human Resource Management Majors can also take this course with the specific permission of the instructor. The SHRM competency, Communication, will be included in the course content. Students in the HR program are required to upload at least one example of their work as identified by the faculty member to their e-portfolio. Prerequisites: BMGT 318, 419; PSYC 215, and Senior Standing or permission of the professor.

BMGT 421 Finance and Tax for Managers 3 credits

This course will cover Financial Planning and Tax Concepts related to benefits. It will also cover Financial Analysis Concepts needed to support Cost/Benefit studies used in Benefit Package Selection, Outsourcing Options, and Other Human Resource Management Decisions. Upon completion of this course, students will be able to explain benefit options to employees, and will be able to apply finance and tax concepts to support decision making.

BMGT 441 Cross-cultural Business Management 3 credits

An overview of structure and functions of multinational organizations. Includes the role of the manager in various organizational settings, the influence of the manager and organization upon each other, comparisons of the effect of cultures upon organizations, managerial assumptions about people when designing organizational structure and the impact of socio-cultural environment on the multinational firm. Dual listed as MBA 541. Prerequisites: MKTS 304; ECON/FIN 306, ECON 321.

BMGT 448 Training and Development 3 credits

Presents basic formats of learning designs and use of resources. Students demonstrate their ability to set objectives, outline teaching and training strategies, prepare demonstrations for varying group sizes and conduct assessment of learner progress. Explores principles of curriculum development and utilizes these principles in the design of a total educational program for the adult learner. Prerequisite: EDUC 445. Dual listed as EDUC 448.

BMGT 452 Global Aspects of Entrepreneurship 3 credits

A review of the issues and challenges facing entrepreneurs around the globe focusing not only on start-ups in the United States wanting to do business in other countries, but the continued development of entrepreneurship in other countries. Prerequisite BMGT 332.

BMGT 454 Advanced Entrepreneurial Applications 3 credits

An extension of the study of entrepreneurship by applying many of the basic principles of entrepreneurship in an advanced setting. This would include a detailed analysis and preparation of a business plan for a new enterprise. The course would also involve case studies showing how various enterprises have met and solved some of the unique challenges facing those types of businesses. Prerequisite: BMGT 332.

BMGT 457, BMGT 458 Fashion Merchandising Internship I, II 1-6 credits

Practical work experience in a fashion-related industry gained through a coordinated study program between the department and participating corporations, Prerequisite: Senior Standing.

BMGT 480 Cooperative Education II 6 credits

The second cooperative education experience will provide students with an enhanced hands-on experience in industry. Learners gain practical experience, enhance skills gained in the classroom, and acquire contacts with professionals in business. This course requires students to complete 480 hours in the field, be evaluated by their supervisor and prepare a report. Students must be approved prior to beginning their co-op and should have a Q.P.A. of 3.0 or higher. This is a Pass/Fail course. Prerequisites: BMGT 280 and BMGT 380.

BMGT 481 Business Models of Organization 3 credits

The capstone class requires students to interpret knowledge gained throughout their coursework in the University core and major program in order to conceptualize a business model (mission/vision/values), analyze a company's business model, and create a business operations plan for a theoretical organization. An e-Portfolio will be utilized for assessment purposes. Prerequisites:

BMGT 194, BMGT 294
Selected Topics in Business Management 1-6 credits

BMGT 295, BMGT 395, BMGT 495
Selected Topics in Business Management I, II, III 1-6 credits

BMGT 296, BMGT 396, BMGT 496
Independent Study in Business Management I, II, III 1-6 credits
Special Request Independent Study Fee: \$65 per credit.

BUSINESS

BUS 301 Computer Concepts and Applications in Business 3 credits
Designed to provide students with the necessary background and skills to understand and use microcomputers. Topics include the operating system, spreadsheets, databases and word processing, and the uses and applications of computers in business.

BUS 303 Accounting for Managers I 3 credits
The basic principles and procedures for gathering, recording, summarizing and interpreting accounting data; analysis of financial statements. Prerequisite: Junior or Senior Standing.

BUS 304 Practical Legal Applications in Business 3 credits
The sources, nature and substantive principles of American law which affect social and business institutions in our society, moral and ethical dimensions, judicial process, limitations of the power of the judicial system, analysis of court decisions, comparison with other legal systems, and impact of government regulations. Prerequisite: Junior or Senior Standing.

BUS 306 Professional Communication Practices 3 credits
Students will strengthen the effectiveness of their business writing and presentation skills through individual and team exercises. Numerous writing assignments and a development of a portfolio of their work will provide students with a professional reference packet for use in their chosen career. Various methods of evaluation will be utilized, including feedback from peers. Prerequisite: Junior or Senior Standing.

BUS 307 Professional Quantitative Practices 3 credits
To prepare the students with quantitative skills needed in business to solve problems, measure production and performance, when necessary. The course will also expose the student to basic concepts in business statistics such as data sets, probability, random variables and statistical inference. These concepts will be applied in other Saturday Fast program requirements. Prerequisite: Junior or Senior Standing.

BUS 308 Quantitative Methods 3 credits
A study of descriptive and inductive statistics as applied to decision theory. A number of forecasting models are presented along with inventory and linear optimization models. Prerequisite: BUS 307 or MATH 150 or Permission from Advisor.

BUS 310 Fundamentals of Personnel Management and Regulations in the Workplace 3 credits
Selection procedures, training techniques, wage and salary administration, fringe benefits, grievance procedures and disciplinary action; Develops an understanding of the practical application of workplace regulations on day-to-day human resources operations and ways to minimize a company's exposure to lawsuits; in addition topics such as diversity will be discussed.

BUS 313 Global Business 3 credits
Introduction to the dynamics of conducting business outside the United States. Explores multinational corporation strategies, policies, and various types of environments. Prerequisite: Junior or Senior Standing.

BUS 315 Essentials of Organizational Leadership and Behavior 3 credits
Examines the role of the leader as change agent within an organization. Develop an understanding of motivation, leadership, group behavior, organizational structure and processes as they relate to performance and satisfaction in work organizations. Students will work on developing skills in consensus building, conflict management, overcoming resistance to change.

BUS 401 History Perspectives and Readings 3 credits
This course will explore historical events and individuals who shaped leadership, organizational and commerce practices of a variety of organizational types. A special focus is placed on the role of history's transferrable lessons to modern organizations. Prerequisite: Junior or Senior Standing or permission of advisor.

- BUS 405 Accounting for Managers II** **3 credits**
 Use of accounting information for management planning and control and the interpretation of accounting data as a management tool. Prerequisite: BUS 303 or Permission from Advisor.
- BUS 411 Business Information Systems** **3 credits**
 Provides an understanding of the importance of computer-based information in the success of the business. Emphasis is on the role of information systems within each of the functional areas of business. Major concepts include data management, decision support and management information systems. Prerequisite: BUS 301 or Permission from Advisor.
- BUS 412 Modern Economic Concepts** **3 credits**
 A survey of economic principles, institutions and problems. The course will provide a review of basic economic understanding while providing some historical and institutional perspective on the United States and world economy. Prerequisite: Junior or Senior Standing.
- BUS 413 Modern Marketing Concepts** **3 credits**
 An introduction to the language and issues of marketing with an emphasis on learning to develop responsive strategies for reaching consumers to meet business needs. May include such topics as market segmentation, product development, promotion, distribution, and pricing. Introduction to such topics as the external environment, marketing research, international marketing, ethics, and careers in marketing may be included. Prerequisite: Junior or Senior Standing.
- BUS 414 Computer Communications and Research** **3 credits**
 A review of the importance of computer communications including a discussion of the various on-line databases and the Internet. Emphasis on research and the written skills needed to effectively implement these technologies. Prerequisite: BUS 301 and BUS 306 or Permission from Advisor.
- BUS 417 Dynamics of Business and Strategic Planning** **3 credits**
 A presentation of the concepts and procedures of strategic planning. Discussion relates strategic planning to the analysis of the external environment and an assessment of the internal strengths and weaknesses of the organization. Prerequisite: Senior Standing or Permission from Advisor.
- BUS 418 Business Finance** **3 credits**
 The problems associated with the effective management of capital. Includes the development of corporations, the legal aspects, the securities market, and financial planning and development. Prerequisite: BUS 405 or Permission from Advisor.
- BUS 455 Practicum** **3 credits**
 Each practicum will be individually designed for the student in an area of business, accounting or computer science. When possible, the practicum will be related to present or former work experience. The student will be required to submit a written report to a Business faculty member or a designated committee of the Business School. Prerequisite: Junior or Senior Standing.
- BUS 480 Portfolio Analysis/Senior Project Capstone** **3 credits**
 The capstone course requires students to collect evidence of learning outcomes throughout the two-year program. Students will be required to gather, organize, and reflect on the portfolio. Additionally, students will complete a workplace practicum. Students will present their portfolio using technology and audio-visual equipment to a professional audience. Prerequisites: BUS 417 and Senior Standing (Final Quarter); Limited to Business Majors.

CIVIL ENGINEERING TECHNOLOGY

- CET 205 Introduction to Surveying** **3 credits**
 A study of topographic surveying and mapping. Determination of land areas, construction surveys and layout, control surveys, boundary surveys, route locations and street layout. Provides experience with the use of equipment, instruments and the fundamental techniques of surveying. Prerequisites: DRFT 203 or ETGR 205; MATH 185.
- CET 206 Environmental Engineering Technology I** **3 credits**
 A survey of the principles of environmental engineering technology including environmental chemistry, materials,

and energy balance, water quality management, water and wastewater treatment, ethics and government regulations. Prerequisites: CHEM 102; MATH 180; NSET 101.

CET 209 Engineering Geology

3 credits

A study of the principles of structural and historical geology, soil and rock mechanics, soil formation and sub-surface exploration. Includes interpretation of geologic maps, topographic maps and aerial photographs.

CET 212 Properties of Materials

3 credits

A study of atomic and crystalline structure as a means of understanding material behavior. The influence of defects, strengthening mechanisms and heat treatments are examined. Mechanical strength properties in tension/compression, shear, hardness and impact and related test procedures are investigated. The Iron-Carbon phase diagram is studied. Coverage also addresses ceramics, plastics and composites. Dual listed as MET 212. Prerequisite: CHEM 101.

CET 213 Strength of Materials

3 credits

The study of stress and strain, deformation, riveted and welded joints, thin-wall pressure vessels, torsion, shear and stresses in beams, design of beams, deflection of beams, Mohr's circle and columns. Reference to applications for civil and mechanical engineering technology. Dual listed as MET 213. Prerequisites: CET 101, CET 212. Prerequisite or co-requisite: MATH 190.

CET 214 Strength of Materials Laboratory

1 credit

Introduction to materials testing including tension, compression, ductility, hardness, modulus of elasticity in tension and modulus of rigidity in torsion, shear strength, and beam and column testing. A special assignment, including a written report and oral presentation, is required. Dual listed as MET 214. Prerequisite or co-requisite: CET 213.

CET 309 Soil Mechanics

3 credits

An introduction to the physical and mechanical properties of soils. A basic understanding of the effects of soil conditions on the construction process. Equations of consolidation, stress and settlement, stability of cuts, shear strength, subsoil stresses, bearing capacity, seepage-drainage and frost action. Prerequisites: CET 209.

CET 310 Structural Analysis

3 credits

The application of mechanics and strength of materials to the analysis of trusses, beams, and framed structures. Statically determinate topics include vector forces, equilibrium, structural classification, method of joints and sections, shear and bending moment diagrams, and the calculation of deflections by direct integration, superposition and virtual work. Analysis of indeterminate structures by moment distribution, consistent displacements, and by commercial and academic computer software is also included. Prerequisites: CET 213, CET 214; ETGR 205; NSET 101; MATH 180.

CET 315 Structural Design I

3 credits

Study of reinforced concrete analysis and design. Topics covered include codes, fundamental mechanics, beam bending, beam shear and beam deflection. Prerequisite: CET 310.

CET 316 Structural Design II

3 credits

Study of the physical design and behavior of steel structures. Topics covered include the advantages and properties of steel, the availability of shapes, safety and risk, and the specification and use of design equations. Design approaches using current AISC documents will be presented for tension, compression, beam and frame members. Comments on connection practice will also be included. Some design assignments will be performed using commercial computer applications. Prerequisites: CET 212, CET 310; MATH 180.

CET 317 Concrete Mix Design Laboratory

1 credit

Students will perform the basic tests used in the field of concrete mix design to determine if a mix is suitable for use. Test batches will be mixed, cylinders and beams will be produced, and compression and flexure tests will be conducted. Additionally, air permeability and slump tests will be presented. Prerequisite or co-requisite: CET 315.

CET 319 Soil Mechanics Laboratory

1 credit

Standard laboratory soil tests are performed to determine the physical and mechanical properties of soils. ASTM test methods for moisture content, density, permeability, Atterberg Limits, compaction, particle size, and shear strength will be conducted. Formal and memo laboratory reports will be prepared. Co-requisite or prerequisite: CET 309.

CET 321 Environmental Engineering Technology II

3 credits

A survey on the principles of environment engineering technology including air pollution, solid and hazardous waste

management, noise and light pollution, ethics and government regulations. Prerequisite: CET 206.

CET 405 Software Tools for Civil Engineering Technologists 2 credits

A series of "Senior" design projects selected from the major Civil Engineering Technology specialties to be conducted using commercial engineering software. Projects may include: surveying, drafting, mapping, geotechnical design, structural design, hydraulic design, highway location design and site development. Project management and scheduling software will be covered. Students may substitute a project in a specialty not normally covered, with the permission of the instructor. Prerequisite: Senior Standing.

CET 409 Foundations Design 3 credits

A design course stressing the procedures for choosing the most appropriate type of foundation and for sizing for the soil conditions. The topics covered include site exploration and soil sampling, bearing design of shallow foundations, combined and raft foundations, stability of slopes, and active and passive retaining structures. Brief discussions are also provided for braced cuts, sheet piles and deep foundations. Prerequisites: CET 309, CET 310.

CET 410 Highway and Bridge Design 3 credits

A course in highway and bridge route location and safety design. The route location elements of the course include topics from: travel demand and factors affecting preliminary route location, types of highway, use of topo maps for the selection of tangents, circular curve design and layout, vertical curves, and spirals. The safety topics include: reaction times, stopping distances, passing distances, superelevation and widening. Brief coverage of the use of influence lines for the structural analysis of beam and truss bridges will also be covered. Highway design computer applications will be used on selected assignments. Prerequisites: CET 309, CET 310.

CET 411 Fluid Mechanics 3 credits

The study of the physical behavior of incompressible and compressible fluids and fluid systems. Hydrostatic and hydrodynamic systems are considered. Fluid transmission and control applications include the design of weirs, orifices, and valves. The determination of pressure losses in open and closed systems is covered. Other topics include the storage of energy by pressurized fluids in closed systems. Problems of interest in both Civil and Mechanical Engineering Technology are included. Dual listed as MET 411. Prerequisites: MET 102; MATH 210.

CET 412 Fluid Mechanics Laboratory 1 credit

Introduces students to the special tools used by fluid power industries and the manual skills required in implementing fluid mechanics applications. Special techniques in flow measurement and implementation. Dual listed as MET 412. Prerequisite or co-requisite: CET 411.

CET 418 Hydraulics 3 credits

A study of flow in pipes, open channels and hydraulic structures as well as seepage and pumps. Prerequisite: CET 411.

CET 194, CET 294 Special Topics (CORE) 3 credits

CET 295, CET 395, CET 495
Special Topics in Civil Engineering Technology I, II, III 1-6 credits

CET 296, CET 396, CET 496
Independent Study in Civil Engineering Technology I, II, III 1-6 credits
Specialized Instructional Fee: \$65 per credit.

CET 499 Honors Internship in Civil Engineering Technology 1-6 credits
See BIOL 499 for course description.

CHEMISTRY

CHEM 101 General Chemistry I 3 credits

Topics include atomic theory and structure, chemical bonding, properties of the elements and the periodic table, chemical equations and stoichiometry, states of chemical matter, equilibrium and kinetics, thermodynamics electrochemistry and selected topics in descriptive chemistry. Laboratory section: CHEM 103.

CHEM 102 General Chemistry II	3 credits
Continuation of CHEM 101. Laboratory section: CHEM 104. Prerequisite: CHEM 101.	
CHEM 103 General Chemistry Laboratory I	1 credit
Basic laboratory skills illustrating important chemical principles. Prerequisite or co-requisite: CHEM 101.	
CHEM 104 General Chemistry Laboratory II	1 credit
The application of the principles of ionic equilibrium to qualitative inorganic analysis. Prerequisite or co-requisite: CHEM 102. Prerequisite: CHEM 103.	
CHEM 221 Organic Chemistry	3 credits
A systemic study of the compounds of carbon including both aliphatic and aromatic series. Special emphasis given to stereochemistry and reaction mechanisms. Prerequisite: CHEM 102.	
CHEM 222 Organic Chemistry/Biochemistry	3 credits
A continuation of CHEM 221 concluding with a survey of the elements of modern biochemistry. Prerequisite: CHEM 221.	
CHEM 223 Organic Chemistry Laboratory	2 credits
Introduction to the fundamental methods of synthesis, isolation and analysis, including instrumental techniques. An individual project including a written report and oral presentation are required. Prerequisite: CHEM 103. Co-requisite: CHEM 222.	
CHEM 320 Biochemistry	3 credits
This course addresses the aspects of enzyme kinetics that govern cellular reactions. Topics also include protein structure and function, generation of metabolic energy, biosynthesis of macromolecules, processing of information, and membrane transport. The information is then integrated in terms of overall metabolism and mutation that result in metabolic diseases. Dual listed as BIOL 320. Prerequisite: CHEM 221.	
CHEM 194, CHEM 294 Special Topics (CORE)	3 credits
CHEM 295, CHEM 395, CHEM 495 Special Topics in Chemistry I, II, III	1-6 credits
CHEM 296, CHEM 396, CHEM 496 Independent Study in Chemistry I, II, III	1-6 credits
Special Request Independent Study Fee: \$65 per credit.	
CHEM 499 Honors Internship in Chemistry	1-6 credits
See BIOL 499 for course description.	

CINEMA ARTS

CINE 101 Introduction to Cinema	3 credits
This course is an introduction to techniques and technologies of cinema production. The fundamental principles and practices of producing, cinematography, editing, directing and sound-design will be studied. Both traditional film and state-of-the-art digital tools and techniques will be discussed.	
CINE 102 History of American Cinema	3 credits
The course will focus on the history of American cinema, decade by decade, from the early experiments with moving images through the invention of sound, color, and digital effects. Students will study the evolution of cinematic form, style and language as well as the social and artistic impact of the medium on society.	
CINE 105 Introduction to Screenwriting	3 credits
This course is designed as an introduction to screenwriting. Students will, for the first part of the semester, learn the elements of storytelling and apply that knowledge to the analysis of short and feature length stories. For the second part of the semester, students will take the knowledge gained in the first part of the semester and apply it to short scripts that they will develop and rewrite.	

CINE 110 History of International Cinema**3 credits**

This course is designed as an introduction to the history of international/global film. Students will screen films from around the globe and will study the economic and geo-political forces that shaped the film industries of certain countries and created film movements and genres. Prerequisites: CINE 102.

CINE 150 Production I**6 credits**

This course is an introduction to the basic principles and practices of cinema production. Students will learn the fundamentals of single-camera production including the basic aesthetic and technical aspects of producing, directing, cinematography and film editing. Lectures, screenings and in-class exercises will focus on teaching students the skills they need to write, shoot and edit three short films outside of class. Each project will incorporate new skills and demand a higher level of proficiency from the filmmaker. Student work will be screened and discussed in class. Prerequisites: CINE 101 & CINE 105

CINE 170 Introduction to Screenwriting for Non-Majors**3 credits**

Introduction to Screenwriting for Non-Majors is designed for any student in the University not currently a Cinema Arts major. For the first part of the semester, students will learn the elements of storytelling and apply that knowledge to the analysis of short and feature length motion picture stories. For the second part of the semester, students will take the knowledge gained in the first part of the semester and apply it to the development of short scripts that they will write and revise. This course employs a two-part, Lecture/Lab Workshop structure.

CINE 202 Zombie Cinema and the Rise of American Anxiety**3 credits**

In this course, students will survey canonical films of the zombie oeuvre and examine the variety of ways filmmakers have used the zombie metaphor to examine society's subconscious anxieties and fears. Students will engage with screenplays, texts and other media to analyze the prevalence and plasticity of zombies to shed light on the human condition.

CINE 205 The Narrative Structure of Cinema**3 credits**

An in--depth analysis of the structure, formulas and storytelling techniques of the feature length screenplay will be the focus of the course. Students will study a wide range of successful films and discover the common elements that they share. Prerequisites: CINE 105.

CINE 207 Survey of Media Writing**3 credits**

An overview of a variety of forms including situation comedies, hour dramas, non-fiction films, theatre, and interactive media, this course outlines the fundamentals of style, content and format specific to each and gives students the opportunity to write in several different genres. Prerequisite: CINE 105.

CINE 208 Classical and Modern Drama**3 credits**

Recognizing theatre as one of the cornerstones of cinema, this course is a survey and analysis of historically significant plays that examines common elements of dramatic structure, character development, and theme as they relate to, and have influenced, cinematic forms. Prerequisite: CINE 205

CINE 210 Visual Analysis**3 credits**

This course will introduce students to systems of critical analysis of visual images, particularly of the cinema. These include contemporary critical frameworks of cinematic analysis, as well as analysis of the visual components of images in media production, and how their manipulation can help communicate meaning. Prerequisite: CINE 150.

CINE 250 Production II**6 credits**

A workshop course that builds upon the basic skills introduced in Production I to further develop students' narrative storytelling abilities with an emphasis on effective collaboration. Students, working in groups on three productions, will alternate in the roles of writer/director, cinematographer, and editor. Prerequisite: CINE 150.

CINE 301 Cinema Studies: Various Topics**3 credits**

The CINE 301 courses are designed to allow students to explore the depths, via review and analysis, of specific periods, histories and topics of cinema already covered in the first year sequence of courses. Some of the courses already offered have been Film Noir; Women Filmmakers; The French New Wave, an Overview; The Horror Film; Five International Masters; Comedy on Film; and American Cinema of the 1970s-The Age of the American Auteur. Prerequisite: CINE 110.

CINE 302 Cinema Authors**3 credits**

The courses comprising the Cinema Authors sequence have been developed to pinpoint one specific filmmaker's work for analysis over the span of an entire term in order for the students to have a deeper understanding of artistic evolution and an appreciation of such. Courses already offered have detailed the works of Alfred Hitchcock, Woody Allen, Stanley Kubrick, Martin Scorsese, and Joel and Ethan Coen. Prerequisite: CINE 110.

CINE 305 Intermediate Screenwriting**3 credits**

This course is designed for students who wish to advance their screenwriting skills and move beyond the introductory course. In the first half of the course students will be challenged to pitch an original short film idea and follow through with its development to a completed draft & rewrite. During the second half of the course, students will pitch an idea for a commercial feature length film, which they will continue to develop, culminating in the completion of a detailed outline of their feature. Prerequisite: CINE 205.

CINE 306 Story Analysis**3 credits**

Students will learn the skills of professional screenplay analysis, including, writing a concise plot synopsis, evaluating a script based on structure, character, theme and market ability, and developing a detailed plot outline.

CINE 307 Screenwriters and Their Work**3 credits**

Prominent screenwriters and the work they have produced are analyzed as both screenplays and as completed cinematic works to demonstrate how masters of the craft have successfully addressed the challenges of the form. Prerequisite: CINE 110.

CINE 308 History of TV Entertainment - 1936-2000**3 credits**

An overview of television as a means of popular entertainment, this course also examines how social, technological, and market forces have influenced the evolution of the medium. Prerequisite: CINE 102.

CINE 310 Intermediate Directing**3 credits**

A workshop course on the fundamentals of film directing with a focus on directing actors. Students explore the basic relationship between actor, text and director. Students learn the craft and vocabulary of the actor through exercises and scene studies, and how to utilize that understanding in communicating with and directing actors. Other areas of study include the responsibilities of the director in each stage of the filmmaking process, basic staging for camera, and formulating an overall visual strategy for a project. Prerequisite: CINE 250.

CINE 315 Intermediate Producing**3 credits**

For students considering a concentration in producing, this course provides a detailed study of the responsibilities of the producer in pre-production, production and post-production, with a focus on the short film. Topics include: pitching, script breakdowns, scheduling, production management, personnel management, set operations, locations, and budgeting. Prerequisite: CINE 250.

CINE 320 Intermediate Editing**3 credits**

This course will focus on the conceptual development of editors as storytellers. Students will study terminology and practical film editing techniques, while looking at artistic choices and technological workflow options. This course will also afford hands-on experience with multiple non-linear editing software. Students will apply these concepts and skills to a short film that they will edit throughout the semester. Prerequisite: CINE 250.

CINE 325 Intermediate Digital Tools**3 credits**

This course provides students with an overview of the tools used in digital media, using Adobe Production software (Illustrator, Flash, Photoshop and After Effects) and Maya. Prerequisite: CINE 250.

CINE 326 Acting and Directing for Writers and Filmmakers**3 credits**

All screenwriters must inevitably write scenes for actors to act and directors to direct. In this first-hand, performance-centric workshop course, writing students will explore what it takes for actors and directors to interpret scripts so that they can create viable, believable performances. Each student will direct and act in several short scenes with their fellow students in a practical exploration of how to create well-drawn characters in memorable, believable performances. Prerequisite: CINE 305.

CINE 330 Intermediate Sound**3 credits**

This course teaches the foundations of film audio approaches and techniques. It introduces students to sound theory, signal flow concepts, sound design methods, and the equipment used in production and post-production sound. Curriculum focuses on the use of sound in effectively communicating mood, tone and narrative. Hands-on exercises will explore field and production sound strategies, production/post workflow, as well as the fundamentals of post-production processes such as sound editing, dialogue clean-up, foley, ADR, and mixing. Prerequisite: CINE 250.

CINE 340 Intermediate Cinematography**3 credits**

Designed for the student considering a concentration in cinematography, this course will focus on techniques in rigging, lighting, and digital imaging. Class exercises are designed to develop skills in narrative and documentary camera techniques. Prerequisite: CINE 250.

CINE 345 Fundamentals of Documentary**3 credits**

Fundamentals of documentary will introduce students to the documentary filmmaking process through analysis and workshop production. The class will examine the documentary genre, processes and industry practices, and focus on the development of a documentary to be crafted in CINE 445 Documentary Workshop. The class will serve as a prerequisite for CINE 445: Documentary Workshop, and introduce concepts which will also be further explored in that course. Prerequisite: CINE 250.

CINE 350 Production III**6 credits**

Students will work in groups to produce a narrative or documentary short that approaches professional quality. Each project will be a collaborative effort, created with involvement of a student screenwriter, producer, director, cinematographer, editor, and sound designer. Prerequisite: CINE 305, 310, 315, 320, 330, or 340.

CINE 354 Alternative Forms Workshop: Various**3 credits**

This workshop course covers the history, approaches, processes, techniques of alternate forms of media. These include television commercial production, experimental film production, web series production and music video production. The course is designed to allow students to explore modes of media outside of the traditional narrative filmmaking approaches covered in the Cinema Production curriculum. It will permit students to diversify their experiences with media creation, expand their skill set, and broaden their work portfolio. Prerequisite: CINE 250.

CINE 361 Writing for Theatre**3 credits**

In this course students will write play and, in doing so, will explore the distinct challenges in structure, character development and theme involved in writing for theatre. Prerequisite: CINE 305.

CINE 362 Writing the Situation Comedy**3 credits**

With its origins in radio and its future in new media, the situation comedy has been a staple of television since its inception. In this course students study the classics of the genre, write an episode of a current situation comedy, and develop and pitch an original concept for a comedy series. Prerequisite: CINE 305.

CINE 363 Writing the Hour Drama**3 credits**

One of the principle forms of entertainment on television, the hour drama has remained popular with audiences for generations. In this course students examine the classics of the genre, write an episode of a current hour drama, and develop and pitch an original concept for a series. Prerequisite: CINE 305.

CINE 364 Writing for Multimedia**3 credits**

Technological advances allow for content to be delivered to audiences in an ever-increasing number of ways and forms. This course examines the current entertainment media landscape and allows students to develop and write projects that are designed for digital distribution, including web-based and mobile platforms. The incorporation of audience participation and other interactivity into storytelling will also be explored. Prerequisite: CINE 305.

CINE 365 Writing the Adaptation**3 credits**

Many successful screenplays are adapted from other sources. In this course, students will find pre-existing material, whether it is a book, short story, song, biography, or graphic novel, and develop it into a feature or web series or short script. Students are encouraged to obtain the rights to any materials they choose to adapt. Prerequisite: CINE 305.

CINE 367 Writing for Video Games**3 credits**

Writing for Video Games is designed to provide students an introduction to the narrative gaming industry as well as cover the functions of the narrative video game writer. Topics covered include game theory, history of video games and games consoles, game studios today, gaming structure, and the documents created in video game development. Students will pitch and develop their own video game concepts along with corresponding documents to leave the course with a portfolio of materials. Prerequisite: CINE 305.

CINE 368 TV Animation Writing**3 credits**

Television animation scripts look very much like all other kinds of scripts. Yet there are numerous differences, some subtler than others, between writing for animators to interpret rather than writing for those who produce live-action motion pictures and television. Writing for TV Animation provides students an opportunity to explore the craft of creating speculative screenplays for existing television series, enabling each student to gain an in-depth understanding of what is required to work as a professional writer in the TV animation industry. Prerequisites: CINE 305

CINE 369 Writing the Web Series**3 credits**

Students will apply and practice the essential elements and conventions for writing, producing, marketing, and distributing the web series including concept, character, structure, budget, and audience. Students will create and write the pilot episode for an original web series, as well as four polished episodes of their web series. Prerequisite: CINE 350

CINE 390 Grip and Electric Workshop**1 credits**

An intensive workshop course designed to build upon the skills introduced in prior Production courses to further develop students' ability to identify and work with professional Grip and Electric Equipment. Students will have the opportunity to gain extensive hands on experience with modern grip and electric equipment that is used in the commercial and film industry today. Pre Requisite: CINE 250

CINE 399 Cinema Arts Practicum**3 credits**

This course allows students to gain practical, hands-on experience by acting as creative work/research assistants on projects being done by Cinema Arts faculty members or Point Park faculty members in other departments. The nature and scope of the work will be agreed upon by the student and faculty member, and approved by the Cinema Arts departments. The goal of the practicum is to allow the student to broaden their knowledge on a particular subject, and to give them experience performing work at a professional level as well as a meeting the deadlines given by their faculty supervisor. An additional opportunity for practicum credit is to work on an advanced cinema arts production in a capacity not being filled by a student that is completing that project for credit. (some select examples-visual effects artist for an advanced cinema production, sound designer for an animation thesis, screenwriter for a production 4, production designer for a production 4 project.) Students seeking approval for a student project practicum would be required to arrange to be supervised by a cinema arts faculty member. A 3-credit cinema student practicum requires generally 150 hours of work, however credits per hour could vary depending on the nature of the project. Pre-requisite: Sophomore or above

CINE 401 Cinema Studies - Advanced Seminar**3 credits**

An advanced course in Cinema analysis which explores the potential to which cinema can have a broader scope and a deeper consciousness, involving layers of idea and thought, both concrete and abstract, communicated through all of the components of the medium. Students achieve an advanced understanding of these ideas and processes, and then to be able to apply them in their own work. Prerequisite: CINE 301.

CINE 405 Advanced Screenwriting**3 credits**

This course is designed for students to examine, create and pitch an original, feature film idea, and through a writers' workshop experience, develop it through outlining and crafting a polished first draft of a screenplay. Prerequisite: CINE 305.

CINE 406 Advanced Screenwriting II**3 credits**

This course is designed for students to examine, create and pitch a second original, feature film idea, and through a writers' workshop experience, develop it through outlining and crafting a polished first draft of a screenplay. Though this is a capstone course for students seeking a BA in Screenwriting, the course is also required for all students seeking a BFA in Screenwriting prior to taking their capstone course. Prerequisite: CINE 405

CINE 410 Advanced Directing**3 credits**

A workshop course that focuses on directing for the camera. Students experiment with various visual styles and practice concepts essential to scene construction through shooting in-class scenes and a final project outside of class. As the

final elective class in the directly concentration, the course also focuses on preparing students for their Production 4 projects and assisting them in determining a career path. Prerequisite: CINE 310

CINE 412 The Professional Writer's Life 3 credits

This course provides an overview of professional writing forms including writing for film, television, interactive media, journalism, broadcasting and public relations. Students will engage with professional writers in various media to gain a comprehension of the professional writer's life. Topics will also include job search strategies, personal and business finance, compiling a professional portfolio, helping a student transition into a professional career.

CINE 415 Advanced Producing 3 credits

This course is meant to serve as a workshop for the development and pre-production of a film project from a producer's perspective. It will cover the essential considerations involved with the evolution of a project from story concept through marketing of the product. The course will also expose students to the business and legal considerations of producing motion pictures and other visual media. Prerequisite: CINE 315

CINE 420 Advanced Editing 3 credits

This course is designed to link conceptual and technical skills gained in previous courses with projects that emulate experiences found in the "real world," while also increasing knowledge of different styles of editing outside of the traditional narrative realm. Additionally, student will learn the basic terminology and skills necessary to become a professional assistant editor. Prerequisite: CINE 320.

CINE 425 Advanced Digital Tools 3 credits

This course is the Advanced Elective in the Digital Tools sequence. Building on concepts covered in CINE 325, it covers compositing techniques, cinematography for visual effects, particle systems, and tracking techniques. Prerequisite: CINE 325.

CINE 430 Advanced Sound 3 credits

This course focuses on advanced aesthetic approaches to sound design in effectively communicating narrative, using the methods and protocols of a professional post-production sound environment. Students learn the skills and techniques required to complete a 5.1 film sound design and mix. It also introduces students to emerging immersive sound formats and the acquisition and use the techniques of these formats. Prerequisite: CINE 330

CINE 440 Advanced Cinematography 3 credits

Advanced lighting, filtration, and camera techniques will be studied along with post-production processes, including digital color timing. Current best practices of the camera crew in narrative filmmaking will be examined. Cinematography majors will have the opportunity to focus their studies on issues specific to their thesis project. Prerequisite: CINE 340.

CINE 445 Documentary Production Workshop 3 credits

Students will work in groups to produce a short form documentary. Genres and styles of non-fiction cinema will be analyzed and discussed. Prerequisite: CINE 345

CINE 451 Production IV 3 credits

CINE 451 is the first in a two-semester course sequence, along with CINE 452, for students competing the thesis requirement over two semesters. This Capstone course bridges the gap between school and the working world; students take the experience and knowledge gained as a Cinema student and apply it to an advanced project of their choice. During this first semester of a two-semester sequence, students will also demonstrate accumulated knowledge and training of the learning objectives in the Cinema Production Program through the creation of long-form, well-researched written thesis project and presentation with a focus on cinema production. Students will also finalize their individual portfolios, which include a resume, cover letter, demo reel, and web presence. Prerequisite: CINE 350 and one of the following: CINE 410, 415, 420, 430, or 440.

CINE 452 Production IV 3 credits

CINE 452 is the second in a two-semester course sequence, along with CINE 451, for students competing the thesis requirement over two semesters. Production IV bridges the gap between school and the working world; students take the experience and knowledge gained as a Cinema student and apply it to an advanced project of their choice. Production IV is the capstone production course for an undergraduate in the (choice of concentration) of Cinema Production. Students have chosen their project with Department approval. The schedule and production of the project is set by student and instructor(s) at the beginning of the semester(s) and must be completed within agreed upon deadlines. Students are in

charge of and responsible for their work in this course, including their collaboration with other production members to complete the work. (Choice of concentration) should plan and prepare to be active participants in the visual construction, production planning and postproduction of their chosen project. The instructor(s) functions as advisor and mentor for the student's project, guiding the class meetings and feedback to aid the student(s) in achieving best possible finished work. Prerequisite: BFA Student and CINE 451.

CINE 453 Senior Thesis I 3 credits

Working with their Thesis advisor, students will propose a project for the creation of a written dramatic work. Upon approval, students research, develop the concept, prepare outlines and treatments, and write a draft of their project. Emphasis is not only on the work created, but also in developing a successful working process that writers can rely on throughout their careers. Prerequisite: CINE 451.

CINE 454 Senior Thesis II 3 credits

Continuing the work begun in CINE 453, students will complete the initial draft of their project and go through multiple rewrites to produce a polished, professional-quality work. Prerequisite: CINE 453.

CINE 460 Cinema Production Capstone 3 credits

This Capstone course is designed to demonstrate a student's accumulated knowledge and training of the learning objectives in the Cinema Production Program. Students apply their cumulative skills in the creation of long-form, well-researched written thesis project and presentation with a focus on cinema production. Students will also finalize their individual professions portfolios, which include a resume, cover letter, demo reel, and web presence. Prerequisite: Senior Standing

CINE 194, CINE 294 Special Topics (CORE) 3 credits

CINE 498 Internship in Cinema Arts 1-6 credits

None – individualized based on internship location. Prerequisites: CINE 250.

CINE 499 Independent Study in Cinema and Digital Arts 1-6 credits

Special Request Independent Study Fee: \$65 per credit.

CINE 295, CINE 395, CINE 495, Special Topics in Cinema Arts 1-6 credits

COMPUTER SCIENCE/INFORMATION TECHNOLOGY

NOTE: Due to the dynamic nature of Information Technology, there is a constant need to update the courses in this field. Please review the actual program guides for the most recent course requirements. These program guides are available in the office of the School of Business.

CMPS 114 Problem Solving with Information Technology 3 credits

A course on how Information Technology impacts organizations and how to use Information Technology to solve problems. Topics include: main concepts of Information Technology at a general level, online collaboration tools, application software, and information literacy as applied to searching and using the Internet. In addition, students will become proficient at an intermediate level in using application software. The student will learn each of the four software applications (Spreadsheets, Database, Word Processing and Presentation) and be able to apply them successfully to problem solving scenarios.

CMPS 160 Databases 3 credits

This Database course surveys topics in database systems. The course emphasizes the effective use of database (management) systems. Topics include access methods, data models, query languages, database design, query optimization, concurrency control, recovery, security, integrity, client-server architecture, and distributed database systems. Hands-on use will be a key part of the course.

CMPS 161 Networking and Security 3 credits

This course introduces basic networking and security concepts. It serves as a precursor to the more advanced and specialized networking and security courses. Coverage of topics focuses on identifying and understanding the nomenclature

of hardware and software use in modern networks.

CMPS 162 Introduction to Programming

3 credits

This course introduces basic programming concepts. Hands on programming will be a key part of the course. The course is designed to teach and reinforce basic programming techniques and strategies. Prerequisites: CMPS 160.

CMPS 163 Business Analytics

3 credits

This course will provide you with concepts and tools to utilize data for making informed business decisions. We will start with the raw data and work our way to conclusions and examine all the intermediate steps in detail. Topics as data collection, model selection, built-in assumptions, and uncertainty will be at the core of the course. You will familiarize yourself with tools to apply these concepts in practice.

CMPS 204 C Programming for Science and Technology

3 credits

An introduction to standard programming structures (sequence, decision, loops, functions), common programming tasks (input-output, control, sequencing, counting, summing, searching, sorting), and data storage techniques (linked lists, arrays, and files). Applications to engineering technology problems. Prerequisites: NSET 101, CMPS 110 or CMPS 111.

CMPS 214 MicroComputing I

3 credits

An introduction to spreadsheet, database management and communication software. A thorough understanding is achieved through laboratory assignments.

CMPS 216 MicroComputing II

3 credits

Advanced topics in word processing, spreadsheet, database, and presentation management software. A thorough understanding is achieved through laboratory assignments. Prerequisite: CMPS 214.

CMPS 260 Data Structures

3 credits

In this course fundamental data structures will be explored that are indispensable when programming. Some major areas are objects, lists, arrays, stacks, queues, and more. Tradeoffs in terms of computational complexity and operations on these data structures are also discussed. Prerequisites: CMPS 162.

CMPS 261 Server Management

3 credits

In this course, students will learn how to administer a server. This ranges from installing an operating system, remotely installing software packages through a package manager, configuring the system, managing security and encryption, backups, to shell scripting. A big component of this course is lab work. Prerequisites: CMPS 162.

CMPS 262 Advanced Programming

3 credits

This course continues where CMPS 162 and CMPS 260 leave off. The focus will be on problem solving but with a much higher difficulty level. The students will be required to write programs that involve multiple units of organization, e.g., classes. Several advanced algorithms will be discussed and should be implemented by the students. Prerequisites: CMPS 260.

CMPS 300 Information Technology for Managers

3 credits

The course focuses on the computerized and Web-based systems used in business. Topics covered will include knowledge management, customer relationship management, enterprise resource management, and supply chain management.

CMPS 330 Electronic Commerce I

3 credits

This course provides information and analysis of e-commerce. Course topics include - e-commerce business models, e-commerce infrastructure, implementing an e-commerce website, e-commerce security and payment systems, e-commerce marketing concepts, ethical, social and political e-commerce issues, social networks, and how highly portable, place-aware, always-with-you personal devices are expanding the e-commerce environment.

CMPS 355, CMPS 356 Internship in Computer Science I, II

3 credits

Part-time job experience approved by the department in a local business or industrial firm. Method of evaluation is agreed upon by the departmental and job-site supervisors. May include periodic reports, a day-by-day journal, computer programs with documentation, user's manuals and/or demonstrations. Prerequisites: Junior Standing and permission.

- CMPS 360 Survey of Programming Languages** **3 credits**
 This course provides students with a wide array of programming languages and emphasizes strengths and weaknesses relative to a given problem. Students will work on a practical problem in a language of choice to gain real world experience. Prerequisites: CMPS 261, CMPS 262.
- CMPS 361 Web Application Development** **3 credits**
 This course will provide a foundation in several facets of establishing and maintaining a website. This includes the latest advances in client side as well as server side technologies. The goal is to have students design, implement, and run advanced web applications. It will also cover in some detail the protocols required for web development. Prerequisites: CMPS 261, CMPS 262.
- CMPS 362 Networking** **3 credits**
 Techniques for the design of computer networks beyond the user level are discussed. Perspectives on network design, estimation of traffic demand and application requirements, network cost analysis, topological design, and virtual network design, wireless network design issues are also discussed. Prerequisites: CMPS 161.
- CMPS 363 Digital Security** **3 credits**
 This class will provide an overview of computer security. The concepts of security in the context of the digital world will be discussed. The nuts and bolts of threat prevention, detection and removal are discussed. The student will be required to use a lab environment to simulate troubleshooting, preventing and fixing problems. Prerequisites: CMPS 161.
- CMPS 364 NoSQL Databases** **3 credits**
 This course explores modern databases that do not strictly follow the relational database design and SQL. Advantages and disadvantages will be discussed. Students will be required to work with at least one NoSQL databases and write a program that utilizes it. Prerequisites: CMPS 163, CMPS 261.
- CMPS 430 Electronic Commerce II** **3 credits**
 A continuation of Electronic Commerce I and may include some of the topics in Electronic Commerce I or an in-depth review of these topics. Prerequisite: CMPS 330.
- CMPS 460 Mobile Application Development** **3 credits**
 In this course, students will learn how to develop applications for mobile devices. Mobile devices are more restricted in screen space but also have new opportunities such as built in GPS. This course requires completing a group project for a given mobile platform. Prerequisites: CMPS 361.
- CMPS 461 Big Data Applications** **3 credits**
 This course continues where CMPS 364 leaves off and focuses on architectures and implementations that are able to handle large data sets. For this course several tools will be applied to real data sets. Prerequisites: CMPS 364.
- CMPS 462 Data Mining** **3 credits**
 A follow up course on CMPS 163 that is much more technical. In addition to a mathematical understanding of algorithms this course also lets students implement their own algorithms. Prerequisites: CMPS 163, CMPS 261, and CMPS 262.
- CMPS 463 Entrepreneurship for Software Developers** **3 credits**
 Course in which students will learn how to commercialize their ideas and software into a profitable business. The focus is on customer development, i.e., acquiring customers, and uses the lean business model canvas. The essential element of this course is to create a prototype and investigate whether a customer base can be identified. Prerequisites: CMPS 163 and CMPS 361.
- CMPS 464 Software Development for E-Commerce** **3 credits**
 The course will give students a clear understanding of the field of electronic commerce. Included will be the fundamental business processes/plans that are necessary to understand before conducting electronic commerce. The student will learn principles underlying the construction of data driven systems, particularly relational ones, and apply these principles to an actual semester long group project. The project is a good sized one, and provides an opportunity ty for the application of software engineering principles. Prerequisites: CMPS 163 and CMPS 361.

CMPS 480 Senior Project **4 credits**
In this course the student will demonstrate their mastery of material undertaken in coursework by selecting and creating a programming solution to a significant business application. The group will work together to construct their solution and present a working model of their problem to the class. This project is designed to give the student a hands-on demonstration of their coursework suitable for a portfolio of accomplishments. Prerequisites: All I.T. Core Classes.

CMPS 194, CMPS 294
Selected Topics (CORE) **1-6 credits**

CMPS 295, CMPS 395, CMPS 495
Selected Topics in Computer Science I, II, III **1-6 credits**

CMPS 296, CMPS 396, CMPS 496
Independent Study in Computer Science I, II, III **1-6 credits**

COMMUNICATION

COMM 101 Oral Communication **3 credits**
This course included communication theory, as well as speech preparation, delivery, and communication technology. Student learning focuses on researching, composing, and delivering formal and impromptu speeches and presentations. Topics include research, analyzing and adapting audiences, message construction, outlining, delivery of messages and effective use of visual aids and technology. This course will develop each student's ability to communicate effectively with respect to audience and purpose. The major emphasis is on the preparation and delivery of presentations ranging from one-on-one pitches, and small group discussion, to large audience speeches.

COMMUNITY ENGAGEMENT

CENG 150 Introduction to Community Engagement **3 credits**
This course is designed to introduce students to the theories of communities and community engagement. Students will learn to assess community needs through human centered design thinking and explore approaches to social change, strategic planning, and conflict management. Students will learn about oppression, privilege and power and how they affect our communities. Students and faculty will participate in outdoor education, group problem-solving, and community building activities.

CENG 160 Introduction to Women's and Gender Studies **3 credits**
This course will address the question "What is Women's and Gender Studies?" and will deepen our understanding of gender as a social factor. Students will examine the construction of identities such as gender and biological sex across nations and cultures, within academic disciplines, and in popular media. Students will also seek to understand women's issues in the U.S. and internationally, paying particular attention to how race, sexuality, class, and other factors create differences among groups. Students will take a renewed look at the world around us, examining ways in which power and privilege, societal ideas, and ignorance have contributed to what we think we know. Students will also explore ways in which we can work individually and together to promote social change in an effort to advance the equality of all people.

CENG 250 Advocacy and Social Change **3 credits**
This course addresses the question "What kinds of advocacy facilitates equitable and sustainable social change? Using a social justice framework, the course explores issues targeted by advocacy work such as inequality, injustice and oppression. The course will also examine ways in which we can work to promote social change and growth in an effort to advance the equality of all people. This course draws on research and writings from various academic disciplines and will integrate information from academia, media, news and personal experience into our discussion.

CENG 300 Human Rights in Theory and Practice **3 credits**
This interdisciplinary course will explore the development and conception of the construct of "human rights." It will introduce major theoretical perspectives and debates in the study of human rights. It will seek to understand human rights issues paying particular consideration to how race, sexuality, class, and other factors create differences among groups of people. Students will also learn about significant historical and contemporary human rights driven social movements both locally and globally.

CENG 350 Social Inequalities and Health Equity**3 credits**

Social, cultural, historical, political, economic, and environmental factors have led to unjust health outcomes for specific population groups in the U.S. This course will provide students with an overview of current literature on health disparities, examine theoretical frameworks to understand health disparities, and analyze approaches and interventions that promote health equity. Prerequisite: CENG 150, CENG 250

CENG 360 Feminist Theory**3 credits**

This course is an overview of contemporary feminist theories that have shaped feminist thought and actions since the mid-19th century. The readings, lectures, and assignments in this course focus on some of the main theories, methodologies, epistemologies, and social movements in the field of women's and gender studies. The class material addresses some of the main issues in feminist thought from both US-based and global perspectives. This reflects the increasing trend towards more inclusive feminisms that reflect multiple geographic and socio-economic perspectives. The seminar and discussion-based format of the course challenges students to raise questions, challenge assumptions, and seek answers about contested history and current status of feminist theory. Prerequisite: CENG 160

CENG 395 Special Topics in Community Engagement**3 credits**

This course will be home to special topics courses that will serve as electives in the minor

CENG 396 Special Topics in Women's and Gender Studies**3 credits**

This course will be home to special topics courses that will serve as electives in the minor

CENG 450 Community Engagement Seminar**3 credits**

This field-based mentor-led seminar is designed to give the student practice working within a community leading a social change project. The seminar will cover a broad range of topics and responsibilities including, but not limited to: leadership, program development, advocacy, legal issues and responsibilities, the role of building community relations, and professional development. Collaboration with community members is considered vital and necessary for the student's professional development during the experience. The on-site mentor will assist the student by providing opportunities that coincide with the student's identified objectives and goals. A log and project will be completed during the seminar. Prerequisite: CENG 150, CENG 250

CONSERVATORY OF PERFORMING ARTS**COPA 250 The Arts and Human Experience****3 credits**

An overview of artistic forms of expression from selected cultures with particular reference to Dance, Theatre, Music, and the Visual Arts. Students will explore how the arts reflect social, political, and religious conditions in a spectrum of cultures and civilizations. Prerequisite: ENGL 101.

COPA 252 The Art of Creative Nonfiction**3 credits**

A course covering a broad range of prose including essay, memoir, biography, autobiography, and expository writing, as well as some fiction and short story as it has been practiced in western culture over the past five hundred years. The course will cover historic, generic, formal, and thematic aspects of prose. Students will be expected to analyze and perform close readings of individual prose texts examining content, technical aspects, and context, and to share those interpretations both verbally and in writing, as well as to create imaginative text of their own authorship (personal essay, memoir, etc.) that reflects the conventions of the genre. Prerequisite: ENGL 101 or equivalent. Dual listed as ENGL 252.

COPA 253 The Art of Poetry**3 credits**

A course covering a broad range of lyric poetry as it has been practiced in western culture over the past five hundred years. The course will cover historic, generic, formal, and thematic aspects of poetry. Students will be expected to analyze and perform close readings of individual poems including content, technical aspects, and context, and to share those interpretations both verbally and in writing, as well as to create imaginative text of their own authorship (poetry) that reflects the conventions of the genre of poetry. Prerequisite: ENGL 101 or equivalent. Dual listed as ENGL 253.

COPA 254 The Art of the Short Story**3 credits**

A course covering the development of the short story as it has been practiced in Western culture over the past two hundred years. The course will cover historic, generic, formal, and thematic aspects of the short story. Students will be

expected to analyze and perform close readings of individual texts, examining content, technical aspects, and context, and to share those interpretations both verbally and in writing. Prerequisite: ENGL 101 or equivalent. Dual listed as ENGL 254.

COPA 194, COPA 294 Special Topics (CORE) 3 credits

CRIMINAL JUSTICE

CRMJ 150 Introduction To Criminal Justice 3 credits

Provides a general overview of the criminal justice system, including history, current role, developments, and constitutional implications of law enforcement; describes the major agencies: police, prosecution, courts, corrections and interdependence.

CRMJ 151 Evolution of Policing 3 credits

Comprehensive study of the evolution of policing in America including the political era, the Professional era and the Community and post-911 eras, through to the contemporary policing era.

CRMJ 201 Constitutional Law for Law Enforcement 3 credits

The practical application of U.S. Supreme Court decisions on local, state and federal law enforcement. Particular emphasis is given to the First, Second, Fourth, Fifth, Sixth and Eighth amendments. Prerequisite: CRMJ 150 and CRMJ 151.

CRMJ 220 Professional Communications in Criminal Justice 3 credits

This is a report writing and presentation class geared to police, legal personnel, correctional officers and other criminal justice personnel who must write effective reports and affidavits for the court, testify before the court, and complete legal forms (writing-in-the-discipline course). Prerequisite: CRMJ 150.

CRMJ 230 Professional Responsibility 3 credits

This is a course in applied ethics for those interested in criminal justice. This course explains the criteria necessary for an ethical issue as well as a discussion of ethical systems. The class focuses on ethics for police, courtroom personnel and correctional officers as it applies to their day-to-day operations, and deals with specialized ethical issues involved in the criminal justice community. Prerequisite: CRMJ 150.

CRMJ 250 Criminal Law and Procedure 3 credits

Is a comprehensive study of sources, distinctions, and limitations relating to substantive and procedural criminal law; the development of the criminal law and procedure in the United States; the principles of criminal liability; the various crimes and their elements; the criteria considered in determining capacity and defenses. Emphasis is on the role of criminal justice personnel in the criminal law process as they perform their duties within the prescribed procedural framework. Prerequisite: CRMJ 150.

CRMJ 251 Criminology 3 credits

Surveys the major trends and issues in law enforcement, including the historical and contemporary development of the police role in society. Analyzes police behavior and attitudes affecting their relationship with the community they serve, as well as the legal framework within which they operate. Prerequisite: CRMJ 150.

CRMJ 254 Juvenile Justice 3 credits

Examines the history and philosophy of juvenile justice in America and the impact of present societal reforms on the juvenile system. A wide array of theoretical positions will be system operates will highlight the differences in adult and juvenile law. Prerequisite: CRMJ 150.

CRMJ 261 The Courts and Criminal Trial 3 credits

Examines the operation of state and federal courts, while examining the origin and development of the court system. Emphasis is on the role and administration of the court in criminal justice. Prerequisite: CRMJ 150.

CRMJ 262 Corrections, Probation & Parole 3 credits

Introduction into the history and use of jails, prisons, pre-trial release, corrections, community corrections programs, including those judged to be at higher risk to re-offend and thus have greater treatment needs. Prerequisite: CRMJ 150.

CRMJ 281 Community-Based Corrections 3 credits

Examines the history, theory, and practice of corrections in the community, with emphasis on diversion probation, parole, halfway houses, and other alternatives to incarceration. Prerequisite: Upper division status.

- CRMJ 290 History of Organized Crime** **3 credits**
 Explores the origin of traditional organized crime including the Mafia, Triads, Yakusa and drug cartels in the United States over the past 80 plus years. The student will analyze the roots and organizational structure of these organizations, with particular focus on one specific organized crime group. Prerequisite: CRMJ 150.
- CRMJ 194, CRMJ 294 Special Topics (CORE)** **3 credits**
- CRMJ 304 Competitive Exams & Hiring Process** **3 credits**
 Positions in law enforcement require the taking of tests for placement and extensive oral exams and interviews. This course will require the student to take multiple mock federal and state law enforcement competitive exams; participate in mock interviews and complete standard applications in order to equip the student with appropriate test taking and interview skills. Prerequisites: ENGL 101, MATH 150, CRMJ 150, CRMJ 220 and Senior Standing.
- CRMJ 305 Joint Task Force** **3 credits**
 Examines the concept of task force investigations and their strengths and weaknesses. It explains the evolution of the task force concept and the underlying operations of task force operations. Prerequisite: CRMJ 150.
- CRMJ 313 Sex Crimes Investigation** **3 credits**
 Comprehensive study of issues and trends to violence against women by examining a collection of twenty-three classic, groundbreaking papers that have shaped the field of violence against women. The major themes will be: Sexual Violence Against Women; Physical Violence Against Women; and Perpetrators of Violence Against Women. Each theme will seek a meaningful and thought provoking dialog concerning how violence impacts women and how perpetrators are processed through the criminal justice system. Prerequisite: CRMJ 150.
- CRMJ 315 Quantitative Methods** **3 credits**
 Introduction to mathematical and statistical tools used routinely by criminal justice and law enforcement professionals to analyze crime data. Statistical methods for data analysis will be a focus. Computer analysis using SPSS will enable students to analyze and plot data; understand the rules of probability and conditional probability, distributions, random variables, sampling, confidence interval estimates, hypothesis testing, regression analysis and correlation. Prerequisite: MATH 150.
- CRMJ 330 Risk Assessment & Investigation** **3 credits**
 The student will become familiar with the National Threat Initiative for local or national response. The course will also cover an overview of investigative techniques as they apply to terrorism including technical investigative techniques.
- CRMJ 351 Research Methods and Design** **3 credits**
 Provides an introduction and overview of the methods, designs, and measurements used in criminal justice and criminology research. Students will learn about the application of theoretical frameworks, research designs, data collection, sampling procedures and the methods used to measure crime. The evaluation of the quality of research performed by others will be a focus of the course. Students will be introduced to computer data analysis using SPSS. Students who intend to go to graduate school should take this course. Prerequisites: MATH 150, CRMJ 150 and Junior Standing.
- CRMJ 352 Fraud Investigations** **3 credits**
 This course studies the multi-faceted nature of white-collar criminal activity. It will discuss the numerous varieties of this activity, as have been discovered over thirty plus years of investigation by law enforcement at all levels in our society. The course focus is on the proliferation of political corruption concentrating on the structural features of certain institutions that facilitate malfeasance on the part of politicians and elected officials. Prerequisites: CRMJ 150 and CRMJ 361.
- CRMJ 361 Criminal Evidence** **3 credits**
 Comprehensive study of the basic principles of criminal evidence for law enforcement personnel. Includes analysis of the rules of evidence as well as other evidentiary and procedural requirements, focusing upon problems of relevancy, impeachment, burden of proof, and presumptions. Reviews some constitutional guidelines affecting evidence collection and admissibility. Prerequisite: CRMJ 150 and Junior or Senior Standing.
- CRMJ 362 Criminal Investigation** **3 credits**
 An introduction to the fundamentals of criminal investigation, crime scene search and recording, collection and preservation of evidence, scientific aids, modus operandi, sources of information, interviews and interrogation, follow-up, and case preparation. Prerequisite: CRMJ 150.

CRMJ 364 Money Laundering**3 credits**

This course covers money laundering as described in Title 18 USC §§ 1956, 1957 and refers to the process of concealing the source of illegally obtained money. The various sophisticated methods by which money may be laundered and the investigative methods utilized to uncover those schemes are identified. Prerequisites: CRMJ 150 and Junior Standing.

CRMJ 365 White Collar Crime**3 credits**

This course studies the multi-faceted nature of white-collar criminal activity. It will discuss the numerous varieties of this activity, as have been discovered over thirty plus years of investigation by law enforcement at all levels in our society. The course offers a broad understanding of not only the white-collar activities; but also their impact domestically and internationally on the economics of nations. Further, this course will explore not only white collar crime perpetrated by traditional criminal elements, but also by those who have been engaged in such activity that were heretofore believed to be respected corporations and businessmen. Finally, the course examines the proliferation of political corruption concentrating on the structural features of certain institutions that facilitate malfeasance on the part of politicians and elected officials.

CRMJ 395 Selected Topics in Criminal Justice**3 credits**

Provides the opportunity for the department to offer courses in areas of departmental major interest not covered by the regular courses.

CRMJ 400 Transnational Criminal Activities**3 credits**

Throughout most of its history, criminal justice has been principally preoccupied with crime and its control as a local phenomenon. In the 21st century, criminal justice has found it necessary to expand its concern to an international perspective. The influence of foreign subjects victimizing U.S. citizens, as well as laundering illegally obtained funds in other countries, requires the student to understand the expansion of common or complex crimes transnational. This course will be writing intensive, and will require the student to incorporate previous lessons into their writings. Prerequisite: CRMJ 150 and Senior Standing. Senior Capstone.

CRMJ 403 Federal Law Enforcement**3 credits**

Comprehensive examination of criminal investigative responsibilities of the various federal law enforcement agencies in the United States. It will compare and contrast the different responsibilities and missions of the various agencies, with respect to existing criminal statutes. Prerequisite: CRMJ 150, CRMJ 151 and CRMJ 250.

CRMJ 404 International Criminal Law**3 credits**

Comprehensive study of issues regarding crimes against a body of international law designed to prohibit certain categories of conduct commonly viewed as serious atrocities and to make perpetrators of such conduct criminally accountable for their perpetration. Principally, it deals with genocide, war crimes, crimes against humanity, as well as the War of aggression. Prerequisite: Senior Standing.

CRMJ 411 Community Relations and Criminal Justice**3 credits**

A systematic treatment of the relationship between communities and law enforcement agencies with special emphasis on the effects of race and ethnicity on community/police relationships. Discussions of the impact of law enforcement agencies on community welfare, economic opportunities, criminal behavior, victimization, and different judicial processing. Analysis of the impact of assimilation and acculturation on criminal behavior, victimization, and criminal justice processes.

CRMJ 415 Women, Crime and Justice**3 credits**

This course will present contemporary issues and trends concerning women and their interactions with the criminal justice system. The major themes will be: Women as Professionals; Women as Offenders; and Women as Victims. Each of these themes will be treated within the context of police, courts, and corrections.

CRMJ 420 Re-thinking Rehabilitation and Re-entry**3 credits**

Addresses issues of how offenders should be rehabilitated and how can they be prepared for re-entry to their communities and society. These are very pressing questions that must be addressed. Prerequisites: CRMJ 150, CRMJ 262 and Senior Standing.

CRMJ 455 Internship in Criminal Justice**3 credits**

Internships offer planned programs of research, observation, study, and work in selected criminal justice agencies representing the major components of the system. Designed to supplement classroom study with constructive participation in the criminal justice system of communities, of the United States, and the Commonwealth of Pennsylvania. Prerequisites: CRMJ 150 and Junior or Senior Standing.

CRMJ 470 Criminal Profiling**3 credits**

This course covers the fundamental techniques of this behavioral and investigative tool that is intended to help investigators in order to identify unknown criminal subjects or offenders. Prerequisites: CRMJ 150, CRMJ 361 and Junior or Senior Standing.

CRMJ 472 Methods of Security**3 credits**

Relationships of private protective services with public law enforcement. Individuals, businesses, and governments providing prevention, protection, investigation and disaster recovery services. Protection of persons, property, and information. Methods of determining foreseeable of security incidents and adequacy of security programming in light of this foreseeable. Negligence proofing and concepts of legal liability. Discussion of industry standards and practices.

DANCE**DANC 105 Tap Dance I****1 credit**

An introduction to basic tap dance styles and vocabulary.

DANC 106 Cultural Dance Forms I**1 credit**

This course serves as an introduction to basic steps, patterns and formations found in the dances of selected nations or ethnographic region, including non-western dance forms. Supplemental information will include geographic, historic and cultural context with additional emphasis on musical forms and meters.

DANC 107 Character Dance I**1 credit**

A study of theatrical adaptation of Folk Dance limited to five nationalities ~ Hungarian, Russian, Polish, Italian and Spanish. This technique is built upon ethnically-based movements combined with a knowledge of classical technique. Prerequisite: DANC 106.

DANC 109 Elements of Production for Dancers I**2 credits**

This course provides an introduction to the technical aspects of dance production.

DANC 115 Music Fundamentals for Dancers**2 credits**

Foundation for music reading, eurhythmics, and aural discrimination through specific keyboard, movement and ear training exercises. Integrates specific applications to dance. Dual listed as MUS 115.

DANC 130, DANC 131 Production/Rehearsal/Performance I, II**1 credits**

Production components of the dance curriculum. Performance opportunities with the Playhouse Dance Company and/or crew assignments will be included.

DANC 150 Body Alignment I**1 credit**

Students will learn the Pilates system including, mat work and the Universal Reformer, and Ideokinetic and relaxation techniques. The course focuses on the study of human body alignment through exercise systems designed to strengthen the core or powerhouse: abdominals, lower back, and hips.

DANC 163 Somatic Preparation for Technique**1 credit**

This course will assess the general, physical strengths and weaknesses of students. Specific fitness needs will be formatted into a prescribed set of exercises that will condition the following areas: cardio vascular strength; muscular strength; muscle stamina; flexibility; balance; rhythmic time; orientation to space; and neuro-muscular sensitivity. This course focuses on corrective patterning and cross-training media for the dancer. Instruction supplements traditional dance vocabulary with exercises on balance, posture, and equilibrium, weight training and isometrics ~ empowering students to prevent and remedy strain and injury, building confidence in physical exertion, and thus enhancing artistry of dance. Prerequisite: Dance major/standardized fitness testing

DANC 181 Contact Improvisation I**1 credit**

Discovery and cultivation of the principles and skills of contact improvisation dance technique practice. Contact improvisation is an improvisational duet dance form based on sensation, weight, touch, communication and essential connection between two people, influenced by modern dance, martial arts, social dance and cultural values of its time of inception. Prerequisite: Dance Major.

DANC 203 Kinesiology

3 credits

Designed to provide a factual foundation concerning the skeletal and muscular systems of the body. Analysis of the movements of the dancer incorporating these systems. Prerequisite: Sophomore standing.

DANC 224 History of Dance I

3 credits

This course provides students a theoretical and historical basis for analyzing global dance practices from pre-history through the late 19th century. Undergraduate students will investigate how dance is categorized and performed in culturally specific settings such as theatrical dance, popular dance, ceremonies, and processions. This course introduces historical methodologies including text analysis and primary source research as tools to understand dance knowledge in global contexts.

DANC 225 History of Dance II

3 credits

This course covers the history of dance as a theatrical art form in Western culture from the early twentieth century to the present. The course is designed to explore significant historical movements and personalities and contemplate major themes and forces that have shaped the development of ballet, modern, jazz, and other relevant dance forms. Prerequisites: ENGL 101

DANC 230, DANC 231

Production/Rehearsal/Performance III, IV

1 credits

Continued opportunities to learn choreographic works in rehearsals for performances with the Playhouse Dance Company. A continued study of technical preparation for productions at the theatre. Prerequisite: DANC 131. Performance and/or crew will be included.

DANC 236, DANC 237 Contemporary Partnering I, II

1 credit

Designed to develop and increase the partnering skills required in contemporary partnering. Students will be exposed to a wide range of contemporary styles including jazz, contemporary ballet and modern dance. Prerequisite: DANC 117 or permission of instructor.

DANC 280 Dance Composition I

2 credits

An introductory course in the art and craft of composing dances. Students compose short studies that are specific to developing a wide range of creative skills. Studies vary per semester and may include a variety of ways of using space, time and movement, the physical expression of size, volume, texture and direction. Prerequisite: Sophomore standing.

DANC 281 Dance Composition II

2 credits

This course is a continuation of Dance Composition I. Studies vary per semester. Prerequisite: DANC 280.

DANC 336 Contemporary Partnering III

1 credit

A continuation of DANC 236 and DANC 237 with more attention given to personal styles, breath support, and follow through in execution of class material. Specific examples of contemporary partnering from repertoire. Prerequisite: DANC 237.

DANC 355 Aesthetics of Dance

3 credits

This course empowers students to develop the skills necessary in the critical analysis of dance as an art form, and the understanding of the basic principles of art and aesthetics. The course offers the exploration of diverse methodologies employed by master critics in analyzing dance, popular and emerging in the 21st century, and gives an in-depth look into the content and context of contemporary and historical choreographic bodies of work, the themes they explore, and the ways in which they relate to real life. Emphasis will be placed on critical observation and writing skills. Prerequisite: DANC 224

DANC 365 Dance Pedagogy I

2 credits

The theory and practice of teaching correct dance techniques in order to assess and train students from low levels through advanced levels in a logical, progressive, and responsible manner.

DANC 380 Composition III

2 credits

This course provides students with a forum to develop choreographic skills, culminating in a completed work. A journal will document the process, and a thesis will conclude the work process. The course also provides guidance and structure for hands-on work in production/technical/promotional preparation that is essential to perform the work. Prerequisite: DANC 281.

DANC 403 Professional Seminar

1 credit

Students in this senior seminar will clearly articulate connections between dance and their outside field of study. Through examining their goals and interacting with guest speakers, students will design an independent research project that integrates their artistic and academic interests. Prerequisite: Dance Major.

DANC 480 Entrepreneurship and the Arts

3 credits

An exploration of capacity-building, creative/entrepreneurial strategy, and the use of technology and communication strategy as applied to the arts and culture sector. Topics include relationships between art, artist and audience, marketing and branding, common business models and failing practices, assumptions that are suffocating the field, as well as gender-, race-, and class-disparities in the arts. Together we will uncover opportunities for artists, creatives, and future arts managers in current arts and culture ecosystems.

DANC 194, DANC 294 Special Topics (CORE)

3 credits

DANC 295, DANC 395, DANC 495 Special Topics in Dance I, II, II

1-6 credits

DANC 296, DANC 396, DANC 496 Independent Study in Dance I, II, III

1-6-credits

Special Request Independent Study Fee: \$65 per credit.

DIGITAL ARTS

DIGI 101 Fundamentals of Design for Animation

3 credits

The course examines the creation of modern day animation and visual effects and how these images, design paradigms, techniques were developed from historical imagery, painting and design. Students will develop the aesthetics knowledge and skills necessary to be a successful designer for digital visual arts and new media.

DIGI 102 Digital Design Tools and Techniques

3 credits

This course provides students with an overview of the tools used in Digital Media, using Adobe Production software (Illustrator, Flash, Photoshop, and After Effects) and Maya. Prerequisite: DIGI 101.

DIGI 201 Cinema Production for Animation and Visual Effects

3 credits

An introduction for animation students to the basic principles, practices, and fundamentals of cinema production. Students learn the fundamentals of single-camera production including the basic aesthetic and technical aspects of producing, directing, cinematography, and film editing. Students also learn the specific requirements of production needed for creating convincing visual effects and motion study for animation. This course is open to Animation and Visual Effects students only. Prerequisite: DIGI 101.

DIGI 210 Fundamentals of Motion Graphics and Visual Effects

3 credits

This course provides a historical overview of the evolution of visual effects, as well as an introduction to the techniques of digital visual effects for film and video. Students will be introduced to the seminal film works leading to the state of the contemporary visual effects work. The will also learn the fundamental applications of visual effects developing storyboards and pre-visualizations and putting them into practice with class exercises. Prerequisite: DIGI 102.

DIGI 220 Fundamentals of Animation

3 credits

An introduction to general animation techniques, this course combines theoretical elements of film aesthetics with practical experience in animation filmmaking. Students are exposed to all types of animated film production through lectures, film presentations, studio work and outside assignments. Class projects include: drawn animation, cell animation, stops motion, clay animation, rotoscoping and experimental techniques. This course is a prerequisite for all intermedia and advanced animation courses. Prerequisite: DIGI 102.

DIGI 225 Sound for Animation and Visual Effects

3 credits

This course teaches the foundations of film sound approaches and techniques as it applies to animation and visual effects audio post-production. It introduces students to sound theory, signal flow concepts, sound design methods, and the equipment used in production and post-production sound. Hands-on exercises will explore strategies, workflow, as well as the fundamentals of post-production processes such as sound editing, dialogue, clean-up, foley, ADR, and mixing.

DIGI 245 Visual Development for Animation 3 credits

This course explores visual development for animation with concept art and storyboarding. Students create character designs, learn to create believable and atmospheric environments, as well as props and vehicles. It introduces the components of sequential art and explores visual narrative theories and techniques. They will develop the fundamental skills of design for time-based media beginning with basic conceptual scripting and storyboarding techniques.

DIGI 250 Animation and Visual Effects Project I 6 credits

In this workshop course, students will work in teams, developing a motion-graphics based project. Beginning with conceptualization, storyboard, and a pitch each production team will take the work through completion exploring animation, compositing, and visual effects techniques. Prerequisites: DIGI 210, DIGI 220

DIGI 305 History of Animation 3 credits

This course is a survey of the history of animation majors. Currently there is no animation history course offered in the animation program. This class would be a good foundation for animation students and expose them to different animations from all over the world and help show the history and cultural impact animation had and continue to have.

DIGI 310 Intermediate Visual Effects 3 credits

This course is designed for students choosing a concentration in visual effects. It covers compositing techniques, cinematography for visual effects, particle systems, and tracking techniques. Prerequisite: DIGI 250.

DIGI 311 Intermediate Motion Graphics 3 credits

This course is a continuation of Fundamentals of Motion Graphics. The course focuses on creating designs and illustrations for motion graphics, then animating those elements in creative ways. Students will analyze and explore trends in motion graphics design, concepts, composition, and animation styles while creating complex and engaging projects. Prerequisite DIGI 210

DIGI 315 3D Character Animation 3 credits

In this course, students will continue to learn animation principles and practices related to 3D character animation. Through believable motion and action, students will create 3D character animation with the use of observational and timing skills, pantomime, body and force dynamics, action analysis, lip sync, and acting. Prerequisite: DIGI230, DIGI240.

DIGI 320 Intermediate Animation 3 credits

This course is designed for students choosing a concentration in animation. It focuses on the introduction of 3D animation techniques, including 3D drafting/modeling, character creation and animation. Prerequisite: DIGI 250.

DIGI 325 Character Animation I 3 credits

This course continues character animation and analysis. Students may complete character animation projects in either 2D or 3D animation. Course emphasizes practicing and developing observational skills and then applying them to create believable character motion and acting. Prerequisite: DIGI230, DIGI 240, DIGI315.

DIGI 330 Theory of Game Design 3 credits

In this hands-on workshop students learn techniques and approaches they can apply to understanding and designing games of any format ~ from board games to digital games to real world games. Students analyze existing games to understand how they work as interactive systems; create a number of non-digital games in order to master the basic design principles as well as work on a series of exercises that explore the social, technological, and creative possibilities of games. Prerequisite: DIGI 250.

DIGI 340 Concept Art 3 credits

This course develops students' ability to create effective concept art used in the pre-production phase of live action films, animation and video games. Students create character designs, learn to create believable and atmospheric landscape buildings and interiors, as well as designing props and vehicles. Students work in both traditional and Digital media. Prerequisites: DIGI 220.

DIGI 345 Comics and Storyboarding 3 credits

This course explores the art of cartooning and storyboarding. It introduces the components of sequential art, and explores visual narrative theories and techniques. Students focus on observational and interpretive drawing skills and apply them to visual storytelling. Students break down ideas and scenes sequentially to promote compelling narrative. Students will learn how characters are constructed and integrated into graphic composition, and use a hands-on approach to increase their knowledge of how these skills apply to comic book, animation and motion picture fields. They will develop the fundamental skills of design for time-based media beginning with basic conceptual scripting and storyboarding techniques and ending with the creation of an "animatics" prototype. The art of visual storytelling is explored from both abstract and representational points of view, with applications ranging from comic books to cinema and character animation. Prerequisites: DIGI 220.

DIGI 350 Animation and Visual Effects Project II **3 credits**

In this workshop course, students will work in teams, developing an animation or visual effects based narrative project. They will develop a script creating storyboards and pre-visualizations. Each production team will assume specific roles in completing the final project. Prerequisites: DIGI 310, DIGI 320.

DIGI 353 Illustrating for Electronic Media **3 credits**

In today's media consumption society, electronic graphics are the cornerstone of many films, most websites and television advertising. In the course, students will learn how to apply digital media, 3-D animation, visual effects and motion graphics in a variety of electronic media. This class will explore the avenues of electronic media and work on numerous course projects. Prerequisite: DIGI 250.

DIGI 354 Project in Stop Motion **3 credits**

This course provides a structure for learning the major principles of stop motion animation. Students will explore a range of techniques developing how to create puppets, armatures and sets for physical animation. Core visual skills such as sculpture, life drawing and materials development are integral to the course as well as the technical expertise to execute stop motion projects. Students will work on a number of projects/ exercises throughout the semester. Prerequisite: DIGI 250.

DIGI 355 Designing for Commercial Media Platforms **3 credits**

This is a workshop course where students will learn the application of motion graphics, animation, and visual effects as they apply to media creation for commercial/industrial applications. In this class students will create spec ad spots, taking into account the particular concerns of the advertising/commercial world such as branding, client relations, and multi-platform media campaigns. Prerequisite: DIGI 250.

DIGI 356 Classical Animation **3 credits**

Using classical 2-D technique, this course focuses on creating believable movement and expression in animated characters. Students explore the history of classical animation screening a wide range of commercial and experimental works. Students create short projects exploring various classical principles that can make any modern form of animation convincing. This course will also develop the student's ability to rough, block and animate 2-D shots in sequence. Prerequisite: DIGI 220.

DIGI 365 Web Media Development **3 credits**

The course explores the avenues of developing content for the web and confers beginning to intermediate web site design concepts including: Flash, HTML, CSS, FTP, interface design, graphics optimization, typography and animation. Concepts in resolution, independent design, and web site usability are also covered. Prerequisite: DIGI 250.

DIGI 370 The Digital Arts Professional **3 credits**

In this course, students will take the time to develop a demo reel commonly, taking content developed during the program and packaging it. Students' work will be reviewed to assess strengths and weaknesses. Students will also develop their resumes and interview skills as well as develop methods to locate and secure employment in a given media field. Digital arts professionals will also come in and speak on the nature of employment across numerous industries. Prerequisite: DIGI 350.

DIGI 399 Animation and Visual Effects Practicum **1-3 credits**

This course allows students to gain practical, hands-on experience by acting as creative work/research assistants on projects being done by Animation and Visual effects faculty members or Point Park faculty members in other departments. The nature and scope of the work will be agreed upon by the student and faculty member, and approved by the Cinema Arts department. The goal of the practicum is to allow the student to broaden their knowledge on a particular subject, and to give them experience performing work at a professional level as well as meeting the deadlines given by their faculty supervisor. An additional opportunity for practicum credit is to work on an advanced cinema arts production in a capacity

not being filled by a student that is completing that project for credit. Students seeking approval for a student project practicum would be required to arrange to be supervised by an animation and visual effects faculty member. A 3-credit cinema student practicum requires generally 150 hours of work, however credits per hour would vary depending on the nature of the project.

DIGI 410 Advanced Visual Effects 3 credits

In this course, students will learn advanced 3D visual effect/motion graphic techniques including advanced compositing techniques, rotoscoping, advanced motion tracking, matte paintings, digital set extensions. Prerequisite: DIGI 310 or DIGI 320.

DIGI 420 Advanced Computer Animation 3 credits

In this course, students will learn advanced 3D animation techniques including 3D environments, 3D lighting, 3D textures and advanced character development. Prerequisite: DIGI 310 or DIGI 320.

DIGI 425 Character Animation and Analysis II 3 credits

This course is a continuation of DIGI425 Character Animation and Analysis I. Students will continue to analyze and observation motion and apply those to characters they animate in either 2D or 3D animation. Students will work towards a character animation demo reel of industry quality work. Prerequisite: DIGI 325

DIGI 430 Motion Graphics and Character Animation 3 credits

This course is a continuation of Fundamentals of Motion Graphics and Visual Effects. It covers further understanding of motion graphics animation and design techniques and principles, compositing, 2D character animation, and introduction of 3D animation related to the field of motion graphics. Prerequisite: DIGI 210.

DIGI 451 Senior Thesis – Part I 3 credits

In this course, students will begin their thesis project based upon their area of concentration. Collaboration, preapproved by the advising instructor, is encouraged. The project will be an animated, motion-graphic or visual effect based work that synthesizes the techniques learned in the first three years of the program. This first phase of the thesis project involves the conceptualization and pre-visualization of the work as well as the initial stages of production. Prerequisite: DIGI 310 or DIGI 320.

DIGI 452 Senior Thesis – Part II 3 credits

This course is a continuation of DIGI 451. Students continue in the production of their thesis project through completion. The final work will demonstrate a high level of proficiency in their area of concentration as well as an understanding of all of the processes of creating professional digital media work. Prerequisite: DIGI 451.

DIGI 460 Animation and Visual Effects Capstone 3 credits

This Capstone course is designed to demonstrate a student's accumulated knowledge and training of the learning objectives in the Animation and Visual Effects Program. Students will analyze films, sequences, breakdowns, and other works in Animation and Visual Effects production that focus on post-graduation interests. Students will also finalize their individual professional portfolios, which include a resume, cover letter, demo reel, and web presence. Prerequisite: Senior Standing.

DIG 194, DIGI 294 Special Topics (CORE) 3 credits

DIGI 495 Special Topics in Digital Arts 1-6 credits

DIGI 498 Internship 3 credits

Internships are intended to be substantive learning experiences that help to prepare the student for his/her professional career. Internship assignments must have written approval of both the student's advisor and the department chair. Prerequisite: students are eligible for an internship after completion of their sophomore year.

DIGI 499 Independent Study 1-6 credits

An independent study provides students with the opportunity to enrich the learning experience by allowing them to focus their attention on a particular area in their field of study. Students can request an independent study of one to six credits if a comparable course is not available on campus or through another institution of higher education. Prerequisites: a junior or senior class standing and a 3.0 Q.P.A. are required to register for an independent study.

ECONOMICS

- ECON 201 Principles of Economics/Macroeconomics** **3 credits**
An introductory analysis of economic theory as applied to fiscal and monetary policy affairs.
- ECON 202 Principles of Economics/Microeconomics** **3 credits**
An introduction to the pricing and allocation mechanism of the classical market economy.
- ECON 203 Economic History of the United States** **3 credits**
A study of the evolutionary development of the United States from the colonial subsistence level to the present day.
- ECON 205 Survey of Economic Thought** **3 credits**
This course will introduce students to the ideas of major figures from antiquity to the present times and explore the reasons such ideas revolutionized the field of economics. Moreover, the major schools of economic setting will be examined. Prerequisites: ECON 201, ECON 202.
- ECON 306 Economics of Money and Banking** **3 credits**
The functioning of our monetary and banking system and the possible effects of monetary policy on the economy. Examines the ways domestic monetary policies affect global financial markets and international monetary arrangements. Prerequisite: ECON 201 or ECON 202.
- ECON 310 Intermediate Price Theory** **3 credits**
An insight into the determination of prices and quantities under various types of market conditions. Prerequisite: ECON 202.
- ECON 312 Management Science** **3 credits**
The basic operations of research technology used in managerial and statistical decision-making: mathematical programming, inventory models and queuing theory. Dual listed as BMGT 310. Prerequisites: MATH 175, MATH 180; BMGT 208.
- ECON 405 Comparative Economic Systems** **3 credits**
This class provides a comparative and contrasting perspective of different economic systems. It explores the way economies function under the umbrella of different philosophies, institutions and processes. Prerequisites: ECON 201, ECON 202.
- ECON 417 Economic Growth and Development** **3 credits**
An analysis of theories of economic growth and development will be presented here. An attempt will be made to explore the dynamics of various countries at different stages of development so as to determine effective and efficient ways that may contribute to more advanced rates of growth especially for the lesser developed and developing countries. Prerequisites: ECON 201, ECON 202, ECON 310.
- ECON 418 Modern Economic Thought** **3 credits**
This is a more advanced, more thorough and more analytical approach to the ECON 205-Survey of Economic Thought class. The fundamental ideas of the major schools of economic thought will be examined so as to determine their impacts on economic policies, Austrian, Marxist, Keynesian, Neo-Classical and Institutional perspectives will be analyzed systematically. Policy discussions and applications of these economic ideas will be pursued in the current economic environment. Prerequisites: ECON 201, 202, 205.
- ECON 419 Economics of Social Issues** **3 credits**
The course explores social issues such as poverty, government controls, crime, pollution, education, market imperfections and their impact on the economy. A policy approach will be used to see how the impacts of problems can be minimized or solved so as to enhance social and individual wellbeing. Prerequisites: ECON 201, ECON 202.
- ECON 421 International Economics** **3 credits**
A study of international trade covering topics such as absolute and comparative costs, factor movements, balance of payments, barriers of trade, the impact of exchange rate fluctuations on trade and multinational corporate issues. Prerequisite: ECON 201 or ECON 202.
- ECON 431 International Finance** **3 credits**

This class examines aspects of the international financial arena. It explores systematically the ways corporations function in the international financial setting. It examines the role international financial institutions and the significance of exchange rate fluctuations in corporate behavior and performance. Prerequisites: ECON 201, ECON 202.

ECON 461 Risk Management

3 credits

Risk management will enable organizations to identify strategies so as to deal effectively with risky possibilities that can impact detrimentally the organization. Risk management techniques and strategies will be discussed to preserve an organization's value. Such strategies may include, hedging, insurance, contingent financing and changes in organizational design that will enable an organization to overcome shocks of both a domestic and global nature. Prerequisites: ECON 201, ECON 202, ECON 310.

ECON 194, ECON 294 Selected Topics (CORE)

1-6 credits

ECON 295, ECON 395, ECON 495 Special Topics in Economics I, II, III

1-6 credits

ECON 296, ECON 396, ECON 496

Independent Study in Economics I, II, III

1-6 credits

Special topics in economics have included: Forensic Economics, Economics of Investment, Economics and the Law, Current Economic Issues, Practical Economics in the Workplace. Special Request Independent Study Fee: \$65 per credit.

EDUCATION

Current clearances (PA Criminal Clearance, PA Child Abuse Clearance, FBI Criminal Record Check) must be on file in the University's School of Education Office.

EDUC 101 Technological Literacy for Education for the 21st Century

3 credits

This course is designed to be a hands-on, interactive technology course that will allow students to use technology that is found in our global society and to improve their future professional practice. Through group projects, individual presentations, and an e-portfolio, students will learn how technology can increase collaboration, communication, creativity and divergent thinking. Students will locate and use content-related technology resources.

EDUC 120 Building Family Partnerships

3 credits

This course will introduce students to strategies for developing and maintaining ongoing, meaningful relationships with family members. Students will be able to explain how effective communication with families helps improve classroom management, attendance and graduation rates, social and emotional development, and achievement. Students will learn how to involve parents in important decisions regarding their children and how to maintain an ongoing line of communication regarding their children's progress. Special emphasis will be placed on developing cross-cultural competency skills in communicating with students and families representing diverse economic, linguistic, academic and cultural backgrounds. Observations will be required.

EDUC 150 Introductions to the Teaching Profession

3 credits

This course is an overview course in which students are introduced to the philosophy for preparing highly effective Pennsylvania teachers. At the beginning of the semester students will obtain all clearances as required by the Pennsylvania Department of Education, so that by the end of the semester, students are able to begin their required observation experiences. During the semester students will begin to understand how the components of: instruction, state standards, standards-based curriculum, materials and resources for instruction and appropriate interventions all lead to highly effective classroom instruction.

EDUC 220 Family and Community Diversity

3 credits

This course will provide teacher candidates with methods and strategies for creating a positive, inclusive learning environment that addresses the various cognitive, affective and developmental needs of diverse learners. Cultural, racial, and ethnic issues will be explored as they relate to the needs of school aged students. Students will review strategies for building positive relationships with diverse families and communities and learn how to develop working relationships with key community organizations related to cultural diversity to enhance children's educational outcomes. Prerequisite: EDUC 150.

EDUC 222 Assessment and Adaptation

3 credits

This course focuses on the development of children through the selection and use of formal and informal assessment and development of the student's observational skills of diverse academic levels, including children with special needs.

Special emphasis is placed on authentic assessment, lesson planning and related standards as outlined by the Pennsylvania Department of Education Academic Standards. Classroom observations are required. Prerequisite: HUMA 150 or EDUC 150.

EDUC 228 Educational Psychology

3 credits

This course will assist students in better understanding the role that psychological and educational theories play in understanding human learning and human behavior. Prime emphasis will be placed on the role that psychological processes such as cognitive development, individual and group differences, motivation, psycho-social development and metacognition play in the functioning of humans in everyday settings and circumstances. Each student will be challenged to make connections between the various psychological theories studied in this course and their own personal and professional interests. As such, an interdisciplinary approach to educational psychology will be utilized.

EDUC 250 Working with English Language Learners

3 credits

This course is designed to introduce the special considerations for working with English Language Learners given their unique cultural, linguistic, instructional and assessment needs. An understanding of who these students are, how to provide appropriate interventions for them and an in-depth look at the Pennsylvania ELL Standards correlation to other content areas will be included. The study will focus on linking research to practice and provide information that will be useful for working with this special population as the fastest growing student group in US schools.

EDUC 251 Arts and Music in Teaching

3 credits

In this course, students will be able to articulate priorities for high quality, meaningful arts experiences across a human development continuum. Emphasis will be on integrated arts approach utilizing the Literary Arts (Literature and Poetry), Music (Instruments and Singing), Drama and Storytelling, Dance and Creative Movement, Visual Arts, and Eurhythmics. Special attention will be given to the arts supporting physical, affective, and cognitive development. This course is designed to provide students with a variety of learning experiences including, but not limited to: lecture, group discussions and projects, artist presentations, article reviews, and experiential learning experiences such as direct exposure to varied arts media, observations, museum and school visits.

EDUC 252 Children's Literature

3 credits

The course emphasizes human communications and creative techniques for developing the skills of speaking, listening, reading, and writing. Special attention is given to such areas as creative storytelling, sequence of language development, language stimulation, mass media, dramatic interpretation, applied and performing arts and poetry. Students in this course will read a variety of classic and contemporary children's literature. These genres will include traditional literature (folktales, fables, fairy tales, myths, legends), novels, picture books, modern fantasy, poetry, contemporary realistic fiction, historical fiction, biographies, and informational books.

EDUC 302 Reading Methods I

3 credits

This is the first of two courses that is designed to develop competencies necessary to understand and foster emergent literacy and language arts skills in Pre-K through Grade 2. Special attention is given to such areas as sequence of language development, language stimulation, and the components of reading. Topics covered emphasize the development of meaningful language and literacy experiences using a variety of text and other media that support integrating reading and writing, content area learning, vocabulary development, and reading comprehension for the diverse needs and abilities of students. Observations and field experiences are required. Prerequisite: Current Clearances, EDUC 150, EDUC 222, and EDUC 252.

EDUC 303 Reading Methods II

3 credits

This is the second of two courses that is designed to develop competencies necessary to understand and foster emergent literacy and language arts skills in Grades 3 through 5. Special attention is given to such areas as phonemic awareness, phonics, vocabulary, comprehension, and fluency. Topics covered emphasize the development of meaningful language and literacy experiences using a variety of text and other media that support integrating reading and writing, content area learning, vocabulary development, and reading comprehension for the diverse needs and abilities of students. Practical application of researched theories and methodologies through observation and field experiences are required. Prerequisite: Approved Application to the Education Department and EDUC 302.

EDUC 305 Methods of Mathematics I

3 credits

This course provides teacher candidates with methods and current strategies in teaching mathematics in preschool through Grade 2. The candidates will recognize constructivist theories, as well as informal and formal methodologies and assessments. Students will demonstrate their ability to prepare, select and use materials and instructional approaches to construct unit plans and demonstration lessons. Field placement activities are required. Prerequisite: Current Clearances,

EDUC 150, EDUC 222, and at least 3 credits of Math.

EDUC 308 Teaching Social Studies

3 credits

Innovative techniques for an interdisciplinary approach to the teaching of social sciences will be addressed in this course. Special attention is given to anti-biased curriculum. Presentation through developmentally appropriate materials and resources is examined. A six-session guided field experience is an integral part of this course. Prerequisites: Approved application to the Education Department and HIST 382 and POLS 102.

EDUC 310 Teaching Science and Health

3 credits

This course provides teacher candidates with methods and current strategies in teaching science and health for school aged children. Students will demonstrate their ability to prepare, select and use materials and instructional approaches appropriate to diverse needs and abilities of students. Unit plans, demonstrations and field placement activities are required. The course will also connect students to the professional community of science education professionals and resources. Prerequisites: NSET 110, NSET 111 and Approved Application to the Education Department.

EDUC 315 Methods of Mathematics II

3 credits

This course is a continuation of EDUC 305 - Methods of Mathematics I. It will focus on content as well as pedagogy appropriate for children in Grades 3 through 6. The candidates will review their own mathematics skills while researching, preparing unit plans and demonstration lessons. These activities will be developed in accordance to the National Council of Teachers of Mathematics as well as Pennsylvania State Standards. Emphasis will be placed on connections within the subject of mathematics, among other academic areas as well as real life situations. Field placement activities are required. Prerequisites: Approved Application to the Education Department.

EDUC 321 Literacy and Learning in Middle and Secondary School

3 credits

Designed to integrate reading as part of any content area. Provides all secondary teachers with skills necessary to teach reading comprehension and to identify reading problems. Prerequisite: Approved application to Education Department.

EDUC 323 Adolescent Development in Multicultural Educational Environments

3 credits

This course focuses on the development of cross cultural competency skills for teachers of pre-adolescents and adolescents. Develops an awareness of learners' needs, within diverse educational and social environments, emphasizing the understanding of cognitive, physical and psychological development. Multicultural education issues will be explored and applied to diverse student learning across content areas. Field Experiences are required. Prerequisites: Approved Application to the Education Department or permission of instructor.

EDUC 330 Educational Theories and Practices

3 credits

This course will introduce the student to the diverse philosophical models and learning theories of early education such as Montessori, Reggio, High Scope and Waldorf. Attention is given to enriching the curriculum with the best of current practices. Practical application of researched theories and methodologies through observation and field experiences are included. Prerequisite: Approved Application to the Education Department.

EDUC 331 Early Childcare Administration I

3 credits

This course will enable the learner to know and develop mission statements, goals, and objectives for programs as well as become aware of all applicable federal, state, and local laws, codes, and regulations. Responsibilities for legal issues such as labor laws, anti-discrimination laws, tax codes, etc. will be introduced. The learner will understand the daily operation of an early care and education facility, and use professional standards to evaluate programs and develop quality improvement plans.

EDUC 332 Early Childcare Administration II

3 credits

The learner will understand financial planning and management and the relationship between program policies and program finances. Strategies for hiring and retention of staff, motivating staff, facilitating staff training and development, observing and evaluating staff performance to develop a plan for professional growth. Developing job descriptions, staff policies and performance review procedures will also be discussed as well as exploring key issues, barriers, and resources for working with families and local schools.

EDUC 335 Program Development, Leadership, and Organizational Change

3 credits

This course will provide an in-depth review of the organizational structure, regulations and professional society expectations. Special attention is given to analyzing and applying skills that demonstrate effective leadership and appropriate advocacy within the field of early education. Developmentally appropriate practice is emphasized through the examination

of state and federal early childhood programs such as: Keystone STARS, Head Start, Even Start, Child Care, and Pre-K Counts. Prerequisites: Approved Application to the Education Department.

EDUC 401 Differentiated Reading for the Developing Child **3 credits**

This course will develop competencies necessary for the teaching of reading in Pre-K through Grade 5. Various approaches and strategies for teaching reading, language arts, and the writing process are reviewed, analyzed, and evaluated. Grade-appropriate units and supporting lessons are created. Practical application of researched theories and methodologies through a guided pre-student teaching field experience is required. Prerequisites: Approved Application to the Education Department.

EDUC 411 Integrating Curriculum and Instruction **3 credits**

This course will focus on the planning, creation and adaptation of a developmentally supportive learning environment with special attention given to the interaction of curriculum, teaching practices, learning materials and the learning environment. Emphasis is placed on creating and adapting integrated developmentally appropriate experiences for the developing child as defined by the National Association for the Education of Young Children. Guided pre-student teaching experiences are an integral part of this course. Prerequisites: Approved Application to the Education Department.

EDUC 415 Teaching in Secondary School **3 credits**

Methods and current practices in the teaching of mathematics, science, social sciences, and English/communications to address classroom settings. Lesson planning, unit development, and viable presentations of interactive lessons, including authentic assessment tools for the specific content area. Emphasizes classroom management, special needs students, and daily teaching strategies. Field experiences are to be completed in a secondary setting, where teaching of a specific content can be observed. Prerequisite: Approved application to Education Department; for students who will be student teaching in the next semester.

EDUC 422 Data Driven Instruction **3 credits**

This course will develop and refine students' abilities to plan and modify instruction based on the assessment components in a standards-aligned system. Students will learn to use multiple sources of data for decision-making and monitoring students' growth and development. Students will develop proficiency in the administration and interpretation of diagnostic, formative, summative and authentic assessments and review strategies related to the utilization of various screening tools for identifying children needing additional interventions. Prerequisites: Approved Application to the Education Department and EDUC 222.

EDUC 425 Student Teaching Practicum **12 credits**

Each student will be placed in an appropriate certification site for 15-weeks. Students are also required to participate in seminar during the student teaching experience. The seminar portion of the semester will include the compilation of a professional portfolio that reflects the diverse strategies, methodologies, practices and realities of teaching in their host schools. Prerequisites: Approved application to the Education Department; successful completion of all observation and field experiences; 3.00 GPA; completion of all PRAXIS exams required for PDE certification; negative TB test; current clearances as required by PDE.

EDUC 432 Student Teaching Seminar **3 credits**

Senior seminar course for all education majors accomplishing their student teaching practicum. Students compile a professional portfolio that reflects the diverse strategies, methodologies, practices, and realities of teaching in their host schools. Current educational issues and problems discussed and documented. Reflective journal maintained noting how best to translate skills, knowledge, and educational theory into successful practice in the school setting. Co-requisite: School Teaching Practicum and school site internship.

EDUC 450 Advanced Seminar: Instructional Studies **6 credits**

This six-credit senior seminar is offered to those undergraduate students nearing graduation. During this semester, the student will make connections between the academic learning of the program and the professional world. Opportunities will be presented in which the student can summarize, evaluate, and integrate some or all of their major academic course work into a professional experience. At the completion of the semester, the production and presentation of a professional portfolio of academic achievements will be required.

EDUC 194, EDUC 294 Special Topics (CORE) **3 credits**

EDUC 295, EDUC 395, EDUC 495 Special Topics in Education I, II, III **1-6 credits**

EDUC 296, EDUC 396, EDUC 496 Independent Study in Education I, II, III **1-6-credits**
Special Request Independent Study Fee: \$65 per credit.

ELECTRICAL ENGINEERING

EE 101 Circuit Analysis I **3 credits**

Introduction to electrical engineering through the study of elementary circuit analysis. Definition of electrical quantities including charge, current, voltage, and power. Physical and electrical properties of resistors, inductors, capacitors, and sources. Application of circuit laws and theorems to the analysis of resistive dc circuits. Nodal and mesh techniques for analysis of large-scale resistive networks. Ideal operational amplifiers and elementary op amp circuits. Time response of first- and second-order resistor-inductor-capacitor circuits. Prerequisite or co-requisite: MATH 190 (Calculus I).

EE 102 Circuit Analysis II **3 credits**

Continuation of EE 101. Review of complex numbers and complex algebra. Extension of dc circuit laws and theorems to the phasor analysis of sinusoidal steady-state circuits. Power calculations, power measurement, and power factor correction in single- and poly-phase systems. Resonance, network functions, frequency response, and Bode plotting. Linear and ideal transformers. Prerequisite: EE 101 (Circuit Analysis I); prerequisite or co-requisite: MATH 210 (Calculus II).

EE 103 Circuit Analysis Laboratory I **1 credit**

Introduction to circuit components, test equipment, and work practices in a typical low-voltage electrical laboratory. Prototyping and testing of circuits that demonstrate the principles studied in EE 101. Computer simulation of circuits using industry-standard software. Co-requisite: EE 101 (Circuit Analysis I).

EE 104 Circuit Analysis Laboratory II **1 credit**

Continuation of EE 103. Prototyping and testing of circuits that demonstrate the principles studied in EE 102. Computer simulation of circuits using industry-standard software. Prerequisite: EE 103 (Circuit Analysis Laboratory I); co-requisite: EE 102 (Circuit Analysis II).

EE 221 Electronics I **4 credits**

Introduction to semiconductor electronics. Physical and electrical characteristics of diodes, bipolar junction transistors, and field-effect transistors. Analysis and design of common electronic circuits such as rectifiers, limiters, switches, and amplifiers. Introduction to power devices and power amplifiers. Laboratory includes prototyping, testing, and computer simulation of circuits that demonstrate the principles studied in the lecture. Prerequisites: EE 102 (Circuit Analysis II), EE 104 (Circuit Analysis Laboratory II).

EE 222 Electronics II **4 credits**

Continuation of EE 221. Analysis of differential and multi-stage amplifiers, current sources, and active loads. Characteristics and applications of analog integrated circuits with emphasis on the design of operational amplifier circuits. Use of feedback in discrete and integrated circuit amplifiers. Introduction to digital logic and MOSFET logic gates. Laboratory includes prototyping, testing, and computer simulation of circuits that demonstrate the principles studied in the lecture. Prerequisite: EE 221 (Electronics I).

EE 194, EE 294 Special Topics (CORE) **3 credits**

EE 331 Electrical Power I **4 credits**

Introduction to electromechanical devices and energy conversion. Analysis of magnetic materials and systems. Electromagnetic induction and the production of electromagnetic torque. Physical and electrical characteristics of transformers, three-phase induction motors, synchronous motors and generators, and dc motors and generators. Use of equivalent circuit models, standard formulas, and graphical techniques to predict machine performance. Laboratory includes measurements on typical machines and systems and instruction in electrical safety practices. Prerequisite: EE 102 (Circuit Analysis II).

EE 332 Electrical Power II **4 credits**

Continuation of EE 331. Physical and electrical characteristics of single-phase induction motors and other rotating machines. Use of equivalent circuit models, standard formulas, and graphical techniques to predict machine performance. Introduction to power system analysis including system models, per-unit calculations, power flows, and symmetrical and

unsymmetrical fault calculations. Laboratory includes computer simulations, measurements on typical machines and systems, and instruction in electrical safety practices. Prerequisite: EE 331 (Electrical Power I).

EE 351 Digital Electronics I

3 credits

Characteristics and applications of digital logic devices. Computation using the binary, octal, and hexadecimal number systems. Introduction to Boolean algebra. Combinational and sequential logic design using algebraic and graphical methods. Study of typical logic circuits including multiplexers, decoders, adders, counters, and shift registers. Laboratory includes implementation of digital systems using standard logic families and programmable devices. Prerequisites: EE 222 (Electronics II), ET 204 (Programming for Engineering Technology).

EE 352 Microprocessors I

3 credits

Introduction to modern microprocessor devices and applications. Programming in assembly language. Hardware and software development to perform common tasks in data acquisition, control, and computation. Laboratory includes implementation of designs using industry-standard microcontrollers and programming practices. Prerequisite: EE 351 (Digital Electronics I).

EE 375 Signals and Systems

4 credits

Introduction to the mathematical analysis of physical systems. Representation of linear systems in the time domain using differential and difference equations. Time-domain analysis using integration and recursion. Frequency-domain analysis using Fourier, Laplace, and z-transform techniques. Consideration of practical system limitations such as finite bandwidth and finite sampling rate. Laboratory includes computer simulations and prototyping of typical systems. Prerequisites: MATH 230 (Linear Algebra I), MATH 310 (Differential Equations).

EE 385, EE 485 Electrical Engineering Seminar

0 credits

Taken only upon recommendation of their faculty advisors, this course is intended for students who are transferring into the Electrical Engineering program. Specialized topics studied in this course together with their previous coursework will provide transfer students with advanced standing in the program and attainment of the prescribed student outcomes. The topics and format of this course are determined individually for each student by agreement of the faculty advisor, the course instructor, and the student. This course may be repeated for credit as needed.

EE 415 Electromagnetics

4 credits

Introduction to classical electromagnetics. Three-dimensional vectors and coordinate systems. Description of electric, magnetic, and electromagnetic fields using Maxwell's equations. Theory and applications of transmission lines. Propagation of guided and unguided waves. Introduction to antennas. Laboratory includes the use of vector network analysis and S parameters in microwave measurement and design. Prerequisites: EE 222 (Electronics II), MATH 300 (Calculus III).

EE 425 Power Electronics

4 credits

Characteristics and applications of power semiconductors including diodes, BJTs, IGBTs, and FETs. Analysis of rectifiers, converters, and inverters as the fundamental elements of power thyristors electronic systems. Design of switching power supplies and motor controllers. Consideration of power quality issues such as harmonic generation in a power electronic environment. Laboratory includes computer simulations and prototyping of typical circuits studied in the lecture. Prerequisites: EE 222 (Electronics II), EE 332 (Electrical Power II).

EE 435 Electrical Distribution Systems

4 credits

Design of electrical power distribution systems for residential, commercial, and industrial occupancies in accordance with the National Electrical Code. Load studies to determine power requirements. Specification and layout of transformers, service equipment, feeders, panelboards, and branch circuits. Fault analysis to coordinate overcurrent protection throughout a system. Introduction to illumination engineering and design of interior and exterior lighting. Laboratory includes study of the National Electrical Code and completion of design projects to meet realistic criteria and constraints. Prerequisite: EE 332 (Electrical Power II).

EE 445 Control Systems

4 credits

Design of feedback control systems using both continuous- and discrete-time representations. Laplace and z transform techniques for computing time and frequency responses. Stability tests and the use of compensation to achieve stability and improve system performance. Laboratory includes computer simulations and the implementation of a complete software-based control system. Prerequisite: EE 375 (Signals and Systems).

EE 455 Digital Electronics II

4 credits

Advanced topics in digital design. Definition of digital systems using schematic capture, hardware description languages, and computer-aided engineering software. Implementation of digital logic using modern components such as complex programmable logic devices (CPLDs) and field-programmable gate arrays (FPGAs). Use of embedded soft-core processors to run microcontroller code within a programmable logic device. Laboratory includes the design, simulation, and hardware implementation of typical systems. Prerequisite: EE 352 (Microprocessors I).

EE 465 Communication Electronics

4 credits

Analysis and design of communication circuits including tuned matching networks, small-signal amplifiers, large-signal amplifiers, oscillators, mixers, modulators, and demodulators. Theory of amplitude, frequency, and phase modulation. Transmitter and receiver topologies. Effects of noise in communication systems. Laboratory includes the use of radio-frequency instruments such as spectrum analyzers and vector network analyzers to design and test circuits studied in the lecture. Prerequisites: EE 222 (Electronics II), EE 375 (Signals and Systems).

EE 467 Digital Signal Processing

4 credits

Conversion of analog signals to digital form and reconstruction of analog signals from their digital form. Representation of signals and systems in the discrete-time and z-transform domains. Design of digital filters using standard topologies and algorithms. Additional applications of digital signal processing such as waveform generators and modulators. Computational considerations in implementing practical systems. Noise effects and recovery of noise-corrupted signals. Laboratory includes simulation, design, and hardware implementation of representative digital systems. Prerequisites: EE 375 (Signals and Systems), EE 455 (Digital Electronics II).

ELECTRICAL ENGINEERING TECHNOLOGY

EET 102 Direct Current Circuits

3 credits

Definitions of charge, current, voltage, power, and resistance. Ohm's and Kirchhoff's laws. Analysis of dc networks including nodal and mesh techniques and use of network theorems. Introduction to ideal operational amplifiers. Properties of linear capacitors and inductors. Time response of first-order resistor-capacitor and resistor-inductor circuits. Prerequisite or co-requisite: MATH 180 (College Algebra).

EET 103 Alternating Current Circuits

3 credits

Introduction to complex numbers and complex algebra. Phasor analysis of sinusoidal steady-state networks including nodal and mesh techniques and use of network theorems. Power calculations, power measurement, and power factor correction in ac networks. Resonance, network functions, and frequency response. Polyphase systems. Linear transformers. Prerequisites: EET 102 (Direct Current Circuits), MATH 185 (Trigonometry), NSET 101 (Introduction to the Natural Sciences and Engineering Technology).

EET 104 Direct Current Circuits Laboratory

1 credit

Laboratory study of direct current circuits. Prerequisite or co-requisite: EET 102 (Direct Current Circuits).

EET 105 Alternating Current Circuits Laboratory

1 credit

Laboratory study of alternating current circuits. Prerequisite: EET 104 (Direct Current Circuits Laboratory). Co-requisite: EET 103 (Alternating Current Circuits).

EET 200 Basic Electronics

4 credits

Introduction to semiconductor devices including diodes, bipolar junction transistors, and field-effect transistors. Analysis and design of rectifiers, switches, and amplifiers. Small-signal characteristics of discrete transistor amplifiers including gain and frequency response. Introduction to power devices and power amplifiers. Laboratory includes experiments and computer simulations. Prerequisite: EET 103 (Alternating Current Circuits). Co-requisite: MATH 190 (Calculus I).

EET 201 Electronic Circuits

4 credits

Continuation of EET 200. Analysis and design of operational amplifier circuits including amplifiers, filters, and oscillators. Applications of analog integrated circuits in communication, instrumentation, and data conversion. Study of thyristors and regulators for power conversion and control. Introduction to photovoltaic devices. Laboratory includes experiments and computer simulations. Prerequisite: EET 200 (Basic Electronics).

EET 215 Digital Electronics I

3 credits

Electrical characteristics of digital logic devices. Number systems and Boolean algebra. Combinational and sequential logic design using standard techniques such as Karnaugh maps. Study of common logic circuits including multiplexers, decoders, adders, flip-flops, counters, and shift registers. Implementation of digital systems using standard logic families

and programmable devices. Prerequisites: EET 201 (Electronic Circuits), ET 204 (Programming for Engineering Technology).

EET 216 Microprocessors I

3 credits

Introduction to modern microprocessor architecture, characteristics, and applications. Programming in assembly language. Hardware and software development to perform common tasks in data acquisition, control, and computation. Implementation of designs using industry-standard components and practices. Prerequisite: EET 215 (Digital Electronics I).

EET 305 Communication Electronics

4 credits

Analysis and design of communication circuits including tuned matching networks, small-signal amplifiers, large-signal amplifiers and oscillators, mixers, modulators, and demodulators. Introduction to Fourier transform analysis. Theory of amplitude, frequency, and phase modulation. Transmitter and receiver topologies. Effects of noise in communication systems. Prerequisites: EET 201 (Electronic Circuits), MATH 210 (Calculus II).

EET 327 Electrical Power Technology I

3 credits

Electromagnetic principles of rotating machines. Characteristics and applications of dc generators, dc motors, and ac generators. Electronic control of dc motors. Methods of power generation including economics and environmental effects. Study of modern topics in generation, motor control, and energy using the current literature. Prerequisites: EET 103 (Alternating Current Circuits), ET 204 (Programming for Engineering Technology)

EET 328 Electrical Power Technology II

3 credits

Continuation of EET 327. Transformers, three-phase induction and synchronous motors, and single-phase motors. Electronic control of ac motors. Basics of electrical power transmission and an introduction to the smart grid, micro grids, and dc transmission. Study of modern topics in power transmission and motor controls using the current literature. Prerequisite: EET 327 (Electrical Power Technology I).

EET 348 Control Systems I

4 credits

Introduction to feedback control systems. Time-domain and Laplace transform analysis of linear systems, including time response, frequency response, stability, and compensation. Transducers, actuators, and electronic circuits used in process control. Use of PCs for data acquisition and control. Software simulation of control systems. Prerequisites: MATH 310 (Differential Equations), EET 201 (Electronic Circuits).

EET 401 Field Theory and Microwaves

4 credits

Introduction to classical electromagnetics. Vectors and coordinate systems. Electric, magnetic, and electromagnetic fields. Maxwell's equations. Theory and applications of transmission lines. Propagation of guided and unguided waves. Introduction to antennas. Use of vector network analysis and S parameters in microwave measurement and design. Prerequisites: EET 201 (Electronic Circuits), MATH 210 (Calculus II)

EET 415 Digital Electronics II

3 credits

Advanced techniques for digital system design including hardware description languages and computer-aided engineering software. Implementation of digital logic using modern components such as complex programmable logic devices and field-programmable gate arrays. Prerequisite: EET 216 (Microprocessors I).

EET 416 Microprocessors II

3 credits

Specification, design, and construction of a microprocessor-based project. Use of modern development tools such as computer-aided engineering software and logic analyzers. Prerequisite: EET 415 (Digital Electronics II).

EET 421 Electrical Power Systems

3 credits

Analysis of electrical power systems including models, per-unit calculations, power flows, and symmetrical and unsymmetrical fault calculations using both hand and computer computation. Introduction to the smart grid, micro grids, and dc transmission. Study of modern topics in power systems using the current literature. Prerequisites: EET 328 (Electrical Power Technology I), MATH 230 (Linear Algebra I).

EET 426 Commercial Electrical Design

3 credits

Electrical design procedures for commercial and industrial occupancies including specification and protection of feeders and branch circuits based on the National Electrical Code. Lighting techniques, harmonic effects, on-site power generation, and energy efficiency. Study of modern topics in electrical design using the current literature. Prerequisite: EET 328 (Electrical Power Technology I).

EET 448 Control Systems II	4 credits
Continuation of EET 348. Advanced techniques for the analysis and design of feedback control systems using both continuous- and discrete-time representations. Investigation of typical systems through computer simulation and hardware implementation. Prerequisite: EET 348 (Control Systems I).	
EET 194, EET 294 Special Topics (CORE)	3 credits
EET 295, EET 395, EET 495 Special Topics in Electrical Engineering Technology I, II, III	1-6 credits
EET 296, EET 396, EET 496 Independent Study in Electrical Engineering Technology I, II, III	1-6 credits
Special Request Independent Study Fee: \$65 per credit.	
EET 499 Honors Internship in Electrical Engineering Technology	1-6 credits
See BIOL 499 for course description.	

ENGINEERING

EGR 401 Engineering Design I	3 credits
Consideration of legal, ethical, social, and economic factors in engineering practice. Use of effective oral and written communication techniques in the workplace. Application of project management tools including proposals, progress reports, and design reviews. Student teams propose design projects that will be completed in EGR 402; by the end of the term, each team's proposal must be accepted by the project sponsor. Prerequisite: 12 credits of major courses at the 300 or 400 level.	
EGR 402 Engineering Design II	3 credits
Continuation of EGR 401. Student teams complete the projects proposed in EGR 401 in a collaborative, professional atmosphere using management tools such as engineering notebooks, progress reports, and design reviews. By the end of the term, each team must document and deliver the product described in its proposal. Prerequisite: EGR 401 (Engineering Design I).	

ENGINEERING TECHNOLOGY

ET 204 Programming for Engineering Technology	3 credits
Introduction to a modern high-level computer language. Discussion of data types, program structures, common programming tasks, and data storage techniques. Application to representative problems in engineering technology including rudimentary numerical methods and data analysis. Prerequisite: NSET 101 (Introduction to the Natural Sciences and Engineering Technology). Co-requisite: MATH 190 (Calculus I).	
ET 405 Fundamentals of Engineering Examination I	0 credits
Benefits, requirements, and procedures for becoming licensed as a professional engineer. Introduction to the Fundamentals of Engineering examination as the first step in professional licensure. Students must register for the F.E. examination as a requirement of this course. Prerequisite: Eligibility to take the F.E. examination as determined by state regulations.	
ET 406 Fundamentals of Engineering Examination II	0 credits
Strategies and hints for taking the Fundamentals of Engineering examination. Students must take the F.E. examination as a requirement of this course. Prerequisite: ET 405.	
ET 407 Professional Problems in Engineering Technology	3 credits
Consideration of the technical, economic, ethical, and social issues surrounding engineering design. Students working in teams will plan, design, and complete a faculty-approved project that integrates technical and non-technical skills. The course will include case studies, on-line learning experiences, and both written and oral presentations. Prerequisites: 12 credits of Department Major Requirements at the 300 and 400 level.	

ENGINEERING TECHNOLOGY GRAPHICS

ETGR 205 Engineering Technology Graphics

3 credits

Introduction to graphical representation using hand drawing and computer-aided drafting. Orthographic projection, dimensioning, sketching, and visualization. Use of layers, line types, blocks, and scale as they relate to orthographic projection.

ENGLISH

ENGL 101 College Composition

3 credits

Students will write argument-based assignments leading to an independently researched project based on academic and professional goals. Students will be required to 1.) find and integrate a variety of sources, 2.) read and analyze these sources, 3.) develop strong thesis statements that reflect perspectives on topics or issues, and 4.) construct persuasive arguments that engage with the viewpoints of experts and commentators. As the term progresses, students will have the opportunity to re-think or revise the ideas and perspectives they explored in earlier writing assignments by engaging with peer feedback and revising earlier drafts. Placement recommendations will require students to take ENGL 101 as a three-credit course OR in conjunction with an additional credit of lab or studio instruction. Students who earn F or NP grades in ENGL 101 will be required to re-take the course in conjunction with a one-credit Writing Studio course.

ENGL 120 Introduction to Literary Studies

3 credits

ENGL 120 will introduce students to the scholarly study of literature. Students will learn to read and analyze at least three genres, such as the novel, the drama, and the short story, with attention to the different techniques and forms that writers use to create meaning. Students will also master the critical vocabulary of literary studies, and will learn to produce strong, persuasive close readings of literary texts. Prerequisite: ENGL 101.

ENGL 146 Writing Lab

1 credit

This one-hour course is designed to provide supplemental instruction in writing and to support the learning objectives of ENGL 101, with particular attention to the writing process and grammar, spelling, and mechanics. This course will be graded on a Pass/No Credit basis. Co-requisite: ENGL 101.

ENGL 147, 148, 149 Writing Studio I, II, III

1 credit

This one-credit course is designed to provide supplemental instruction in writing through collaborative activities, conferences, and guided work time and may be taken in conjunction with ENGL 101: College Composition or any Writing Intensive (WI)-designated course. Writing Studio will be graded on a Pass/No Credit basis. Co-requisite: ENGL 101 or any Writing Intensive (WI) course.

ENGL 200 Creative Writing

3 credits

Students will write in multiple genres, including but not limited to poetry, fiction, and creative nonfiction, among others. Class experiences will include workshop, peer review, revision, reading work aloud, and compiling a portfolio of creative work. Prerequisite: ENGL 101 or its equivalent.

ENGL 201 Advanced Composition

3 credits

Advanced Composition will invite students to hone their writing skills while focusing their attention on a single area of study. To further develop their skills with textual analysis, students will work on more extensive writing projects than those typically taken on in ENGL 101. Students will practice analyzing texts – visual, print, or multimodal – and will practice writing about these texts. Written assignments must demonstrate an awareness of discipline-appropriate ways of forming analytical arguments and incorporating appropriate primary and secondary sources. Students will be asked to write for different audiences and writing situations, and they will develop at least one research-based project.

ENGL 250 World Literature: Drama, Poetry, Epic

3 credits

ENGL 250 will introduce students to the fundamentals of literary studies, including terms, definitions, and research methodologies. Students will learn what it means to produce a close reading, what different interpretative perspectives can offer us as we read a text, how to distinguish between primary and secondary sources, and how to research and develop a literary analysis. Prerequisite: ENGL 101.

ENGL 251 World Literature: Novels

3 credits

ENGL 251 will introduce students to the fundamentals of literary studies, including terms, definitions, and research

methodologies. Students will learn what it means to produce a close reading, what different interpretative perspectives can offer us as we read a text, how to distinguish between primary and secondary sources, and how to research and develop a literary analysis. Prerequisite: ENGL 101.

ENGL 252 The Art of the Essay

3 credits

A course covering a broad range of prose including essay, memoir, biography, autobiography, and expository writing, as well as some fiction and short story as it has been practiced in western culture over the past five hundred years. The course will cover historic, generic, formal, and thematic aspects of prose. Students will be expected to analyze and perform close readings of individual prose texts examining content, technical aspects, and context, and to share those interpretations both verbally and in writing, as well as to create imaginative text of their own authorship (personal essay, memoir, etc.) that reflects the conventions of the genre. Prerequisite: ENGL 101 or equivalent. Dual listed as COPA 252.

ENGL 253 The Art of Poetry

3 credits

A course covering a broad range of lyric poetry as it has been practiced in western culture over the past five hundred years. The course will cover historic, generic, formal, and thematic aspects of poetry. Students will be expected to analyze and perform close readings of individual poems including content, technical aspects, and context, and to share those interpretations both verbally and in writing, as well as to create imaginative text of their own authorship (poetry) that reflects the conventions of the genre of poetry. Prerequisite: ENGL 101 or equivalent. Dual listed as COPA 253.

ENGL 254 The Art of the Short Story

3 credits

A course covering the development of the short story as it has been practiced in Western culture over the past two hundred years. The course will cover historic, generic, formal, and thematic aspects of the short story. Students will be expected to analyze and perform close readings of individual texts, examining content, technical aspects, and context, and to share those interpretations both verbally and in writing. Prerequisite: ENGL 101 or equivalent. Dual listed as COPA 254.

ENGL 255 Theoretical Approaches to the Study of Literature

3 credits

A multi-genre and/or multicultural course that examines both primary and secondary sources in any one of a number of traditional avenues of inquiry within Literary Studies. Approaches might have a critical basis (such as race, sexuality, class, religion, ethnicity, or gender) or a contextual basis (emphasizing a particular genre, movement, or region). Prerequisites: ENGL 101 or equivalent.

ENGL 260 British Literature I

3 credits

A study of major literary periods and genres in England up through the 18th century. Prerequisite: ENGL 120 or an ENGL 200-level course.

ENGL 261 British Literature II

3 credits

A study of the major literary periods (Romantic, Victorian, Modernist, and Contemporary) and genres from 1789 to the present. Prerequisite: ENGL 120 or an ENGL 200-level course.

ENGL 262 American Literature I

3 credits

A study of the major literary periods and genres from the colonial period through the American Renaissance. Prerequisite: ENGL 120 or an ENGL 200-level course.

ENGL 263 American Literature II

3 credits

A study of the major literary periods and genres from the American Renaissance through Contemporary. Prerequisite: ENGL 120 or an ENGL 200-level course.

ENGL 300 Topics 1

3 credits

An intensive study of selected literary works organized by a single critical or theoretical method practiced within the field of literary studies. Topics may vary by semester. Prerequisite: ENGL 250+.

ENGL 301 Topics 2

3 credits

An intensive study of selected literary works that utilizes a topic or approach organized on a contextual basis (such as a particular genre, movement, or region, or thematic principle). Topics may vary by semester. Prerequisite: ENGL 250+.

ENGL 302 Linguistics

3 credits

Provides students with an introduction to broad areas of linguistic theory and inquiry, including an introduction to

the study of morphology, semantics, syntax, phonetics, phonology, and historical linguistics. It also includes an introduction to areas included within the disciplines of psycholinguistics and sociolinguistics. Dual listed as MLNG 302.

- ENGL 305 Authors 1** **3 credits**
An intensive study of the works of a single major author. Prerequisite: ENGL 250+.
- ENGL 306 Authors 2** **3 credits**
An intensive study of the works of two or three major authors examined in the context of one another's work. Prerequisite: ENGL 250+.
- ENGL 315 Language & Theory 1** **3 credits**
An intensive study focusing on a specific approach to understanding language as a subject in itself, including its nature, structure, function, and development. Prerequisite: ENGL 250+ or permission.
- ENGL 316 Language & Theory 2** **3 credits**
An intensive study of theoretical frameworks for understanding the interaction of language and meaning, especially across cultural contexts. Some courses may be cross-listed. Prerequisite: ENGL 250+ or permission.
- ENGL 335 History of the English Language** **3 credits**
English from its Teutonic beginnings to the present day. Changes in vocabulary, syntax, pronunciation and style. Prerequisites: ENGL 250 or ENGL 251.
- ENGL 338 Literary Criticism** **3 credits**
A study of the basic and recurrent issues of literary theory and practice from Aristotle to the present. Writing-in-discipline class. Prerequisites: ENGL 250 or ENGL 251.
- ENGL 340 Periods & Traditions 1** **3 credits**
An intensive study of a single period or tradition in British literature before 1800. Prerequisite: ENGL 250+.
- ENGL 341 Periods & Traditions 2** **3 credits**
An intensive study of a single period or tradition in American literature before 1860. Prerequisite: ENGL 250+.
- ENGL 342 Periods & Traditions 3** **3 credits**
An intensive study of a single period or tradition in British literature between 1800 and 1945. Prerequisite: ENGL 250+.
- ENGL 343 Periods & Traditions 4** **3 credits**
An intensive study of a single period or tradition in American literature from 1860-1945. Prerequisite: ENGL 250+.
- ENGL 344 Periods & Traditions 5** **3 credits**
An intensive study of a single period or tradition in literature after 1945. Prerequisite: ENGL 250+.
- ENGL 365 Creative Nonfiction Workshop 1** **3 credits**
This course is a workshop environment, garnering a significant output of original creative work in creative nonfiction. Students will also master the ethics and practices of workshoping and responding to writing by their peers. Portfolios will be compiled by each student in the workshop. Prerequisite: ENGL 200
- ENGL 366 Fiction Workshop 1** **3 credits**
This course will be a workshop environment, garnering a significant output of original creative work in fiction. Students will also master the ethics and practices of workshoping and responding to writing by their peers. Portfolios will be compiled by each student in the workshop. Prerequisite: ENGL 200
- ENGL 367 Poetry Workshop 1** **3 credits**
This course will be a workshop environment, garnering a significant output of original creative work in poetry. Students will also master the ethics and practices of workshoping and responding to writing by their peers. Portfolios will be compiled by each student in the workshop. Prerequisite: ENGL 200

ENGL 401 Creative Nonfiction Workshop 2**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in creative nonfiction. Emphasis will include the craft of the genre as students concentrate on consistency in voice, choices in narrative and psychic distance to events, negotiations of dramatization and reflection, ethos and verisimilitude of an increasingly hostile genre, and control of prose through consistent, evocative technique. The class will also address revision as an explicit aspect of the writing process. Prerequisite: ENGL 365.

ENGL 402 Creative Nonfiction Workshop 3**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in creative nonfiction. Emphasis will include the craft of the genre as students concentrate on consistency in voice, choices in narrative and psychic distance to events, negotiations of dramatization and reflection, ethos and verisimilitude of an increasingly hostile genre, and control of prose through consistent, evocative technique. The class will also require writing analytically about model texts. Prerequisite: ENGL 401.

ENGL 403 Fiction Workshop 2**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in fiction. Emphasis will include the craft of the genre as students concentrate on point of view, psychic distance, plot, dialogue, scene, exposition, narrative time frame, flashback, dialogue, and “form(s)” of the short story. The class will also address revision as an explicit aspect of the writing process. Prerequisite: ENGL 366.

ENGL 404 Fiction Workshop 3**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in fiction. Emphasis will include the craft of the genre as students concentrate on point of view, psychic distance, plot, dialogue, scene, exposition, narrative time frame, flashback, dialogue, and “form(s)” of the short story. The class will also require writing analytically about model texts. Prerequisite: ENGL 403.

ENGL 405 Poetry Workshop 2**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in poetry. Emphasis will include the craft of the genre as students concentrate on form, concrete language, image, poetic conventions, the line, metaphor, and the lyric tradition. The class will also address revision as an explicit aspect of the writing process. Prerequisite: ENGL 367.

ENGL 406 Poetry Workshop 3**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in poetry. Emphasis will include the craft, theory, and traditions of the genre. The class will also require students to respond analytically to model texts and/or essays on craft and prosody. Prerequisite: ENGL 405.

ENGL 411 Creative Nonfiction Workshop 4**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in creative nonfiction. Emphasis will include the craft and theory of the genre as students concentrate on consistency in voice, choices in narrative and psychic distance to events, negotiations of dramatization and exposition, ethos and verisimilitude of an increasingly hostile genre, and control of prose through consistent, evocative technique. Students will assemble a mini-collection of their work in creative nonfiction. Prerequisite: ENGL 402.

ENGL 412 Fiction Workshop 4**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in fiction. Emphasis will include the craft of the genre as students concentrate on point of view, psychic distance, plot, dialogue, scene, exposition, narrative time frame, flashback, dialogue, and “form(s)” of the short story. Students will assemble a mini-collection of their work in fiction. Prerequisite: ENGL 404]

ENGL 413 Poetry Workshop 4**3 credits**

This course is a workshop environment, garnering a significant output of original creative work in poetry. Emphasis will include the craft, theory, and traditions of the genre. Students will assemble a mini-collection of their work in poetry. Prerequisite: ENGL 406.

ENGL 419 Senior Capstone for the English Major**3 credits**

As the capstone course for English Major, ENGL 419 will give students the opportunity to enhance their critical

reading, analysis, and research skills through real-world application. Students in ENGL 419 will be asked to develop a 10-15 page scholarly or career-oriented project that engages with a relevant theme/topic in English Studies. This project will require student to enter into a critical conversation and engage meaningfully with secondary sources to develop original research or analysis of literary texts. As they develop their research, students will collaboratively organize and promote a campus-wide or community event/project, which will be determined each semester by the instructor. Assignments will include a portfolio or publicity-related documents/materials; weekly reflection or logs on the process of event/project planning; an abstract, annotated bibliography, a full draft, and revision of the 10-15 page project; and a formal presentation at the annual Literary Arts Symposium or another campus/community event. Prerequisite: Junior/Senior standing and at least four 300-level courses in ENGL.

ENGL 420 Senior Seminar: Craft and Critique **3 credits**

This course will explore the process and production of contemporary literature and criticism. The connections among the divergent areas of English studies will be explored through dialogue between students in both the ENGL and CW majors. Students will read contemporary texts in both literature and criticism, as well as, where appropriate, historic texts. Final projects will require a portfolio of significant scope and quality. Prerequisites: Senior Standing and at least 4 courses in ENGL at the 300+ level.

ENGL 194, ENGL 294 Special Topics (CORE) **3 credits**

**ENGL 195, 295, ENGL 395, ENGL 495
Special Topics in English or American Literature I, II, III** **1-6 credits**

**ENGL 296, ENGL 396, ENGL 496
Independent Study in English or American Literature I, II, III** **1-6 credits**
Special Request Independent Study Fee: \$65 per credit.

FINANCE

FIN 300 Corporate Finance **3 credits**

The problems associated with the effective management of capital. Includes the development of corporations, the legal aspects, the securities market, the financial planning and development. Prerequisites: ACCT 210, MATH 175

FIN 306 Economics of Money & Banking **3 credits**

The functioning of our monetary and banking system and the possible effects of monetary policy on the economy. Examines the ways domestic monetary policies affect global financial markets and international monetary arrangements.

FIN 426 Investment Management **3 credits**

An analysis of securities and principles governing the management of investment assets from the perspective of issuers, investors, and the financial markets. Topics include: investment securities(types, structure, valuation), capital markets (primary, secondary), measurement of investment risk and return, modern portfolio theory, asset allocation, and financial engineering.

FIN 431 International Finance **3 credits**

This class examines aspects of the international financial arena. It explores systematically the way corporations function in the international financial setting. It examines the role international financial institutions and the significance of exchange rate fluctuations in corporate behavior and performance. Prerequisites: ECON 201, 202, FIN 300.

FIN 461 Risk Management **3 credits**

Risk management will enable organizations to identify strategies so as to deal effectively with risky possibilities that can impact detrimentally the organization. Management techniques and strategies covering credit, market, operational, and reputational risks will be discussed to preserve an organization's value. Such strategies may include hedging, insurance, contingent financing, and changes in organizational design that will enable an organization to overcome shocks of both a domestic and global nature. Prerequisites: ECON 201, 202, FIN 300.

FIN 295, FIN 395, FIN 495 Special Topics in Finance I, II, and II **1-6 credits**

FIN 296, FIN 396, FIN 496 Independent Study in Finance I, II, and II **1-6 credits**
Special Request, Independent Study Fee: \$65 per credit

FINE ARTS

ART 100 Introduction to the Visual Arts

3 credits

An introduction to the visual arts from both an analytical and historical perspective. Representational and abstract organizations are discussed. The historical perspective is presented in a brief chronological survey of painting, sculpture, and architecture in Western art from ancient Greece and Rome to the present day. Students will have experiences both inside and outside the classroom, including lectures, art demonstrations, hands-on activities, and possible conversations with specialists when available.

ART 210 Introduction to Architecture

3 credits

Survey of the architecture of the Ancient, Medieval, Renaissance, Baroque and Modern periods. All major styles are covered. Architecture is presented within the context of determinants such as geographical, cultural and historical factors. Terms, significant architects and representative works are highlighted. Prerequisite: ART 100.

ART 212 Graphic Design

3 credits

A studio course with some lecture; no art background necessary. Relationship of basic design principles to graphic art problems in projects involving such concepts as the use of positive and negative space, unity, balance and emphasis. Projects involve design with typography, body copy, photography, illustration and graphic elements in mass-media communication.

ART 213 Introduction to Drawing

3 credits

An introductory studio course dealing with basic drawing issues and problems. Fundamental exercises geared to the novice include contour, gesture, structural, and value studies, as well as an emphasis on figure drawing with the live model.

ART 214 Concepts in Rendering

3 credits

The concepts in rendering as related to theatre design projects with particular emphasis on creative techniques that enlarge artistic vision. Projects include collage, multi-media, basic sketching for scenic design and color values. Open to Technical Theatre/Design majors with permission. Other University majors may ask permission to enroll.

ART 215 Finding Your Vision, Finding Your Voice

3 credits

This course explores the nature of inspiration across artistic disciplines. We will examine poets, painters, filmmakers, choreographers, and writers both in terms of their creative output and their writings on the nature of artistic creativity, imagination, and inspiration. Then, using each of our creative thinkers as nature of artistic creativity, imagination, and inspiration. Then, using each of our creative thinkers as touchstones, we will look at ourselves as artists and ask the questions that permeate all disciplines of COPA: Why do we create? How do we create? Where do we find our inspiration and then translate it into artistic expression?

ART 301 Ancient Art

3 credits

Survey of the art and architecture of ancient Egypt, Greece, Rome and the Islamic world. Emphasis on the cultural and historical developments which made possible the flourishing of creativity in the arts of these civilizations. Includes a variety of media, but stresses architectural developments, especially those of Greece and Rome. Prerequisite: ART 100.

ART 302 Medieval Art

3 credits

Survey of the art and architecture of the Medieval period in Europe from the fourth through the fourteenth century. All major periods and styles covered. Architecture is stressed, but emphasis is also placed on painting, sculpture, mosaics, ivory carving, manuscript illumination and stained glass. Prerequisite: ART 100.

ART 304 Renaissance and Baroque Art

3 credits

Survey of the art and architecture of Italy and Northern Europe from the end of the Middle Ages, or the late Gothic period, to about 1775. Major styles of the Renaissance and Baroque periods are covered. Prerequisite: ART 100.

ART 305 Modern Art

3 credits

Survey of the painting, sculpture and architecture of Europe and America from about 1775 to the present. Dominant movements and themes of the Modern period are presented. The twentieth century is discussed with regard to new attitudes toward the nature, functions and materials of art and architecture. Prerequisite: ART 100.

ART 306 American Art

3 credits

Survey of American painting, sculpture and architecture from the seventeenth century Colonial period to 1900, presented in relation to a changing cultural, social and philosophical background. Architecture in a variety of styles and developments. Emphasizes nineteenth as the first great indigenous style in American art. Prerequisite: ART 100.

ART 313 Advanced Drawing 3 credits

An advanced studio course designed to explore and expand upon previously learned skills such as gesture, value studies, and the figure. Slide lectures, critiques, field trips, as well as specific advanced exercises designed to heighten investigation in seeing. Prerequisite: ART 213.

ART 320 Figure Drawing 3 credits

This course introduces the fundamental principles of drawing the human form. Students study systems of measurement, learn the importance of gesture as a framework for proportion and movement and model structure with light and tone. Human muscular and skeletal anatomy is studied in order to create convincing drawing from observation and invention.

ART 194, ART 294 Special Topics (CORE) 3 credits

ART 295, ART 395, ART 495 Special Topics in Fine Arts I, II, III 1-6 credits

ART 296, ART 396, ART 496 Independent Study in Fine Arts I, II, III 1-6 credits
Special Request Independent Study Fee: \$65 per credit.

FORENSIC SCIENCE

FSCI 100 Development of the Death Investigation System 3 credits

A broad introduction of the development of the Death Investigation system from origin and inception through history to today's modern forensic practices. Overview of future job opportunities and career requirements. Inclusive of a comparative analysis of various post mortem examinations, including hospitals versus forensic. Descriptive and detailed workings of a functioning Medical Examiners (ME) office.

FSCI 194, FSCI 294 Special Topics (CORE) 3 credits

FSCI 301 Accident/Suicide Death Investigation 3 credits

An exploration of accidental deaths which includes motor vehicle, fire, drowning, overdose, industrial, medical misadventure and falls. Each type of death will be examined in detail relevant to the forensic investigation and the scope of the problem both locally and nationally. Students will be exposed to various methods of suicide, understand the patterns and reason along with the role of the forensic investigator. Special topics include Russian roulette and the significance of suicide notes.

FSCI 370 Forensic Evidence I 3 credits

Overview of the role of criminalists from crime scene through laboratory analysis. This includes the collection of fingerprints, shoeprints, other impressions, ballistic and trace evidence (hair, fiber, glass, paint). This class will include the identification, collection, preservation, documentation and analysis of evidence. Several labs will provide practical hands-on experience as well as realistic exposure to evidence collection.

FSCI 371 Forensic Evidence II 3 credits

An expansion and broadening of the concepts learned in Forensic Evidence I. Topics to include poisoning, DNA, blunt force trauma, stabbing, time-of-death determination, issues relating to firearms, natural and man-made disasters. Course includes an introduction to the role of forensic psychology, profiling and crime-mapping. Numerous labs will provide advanced practical hands-on experience as well as realistic exposure to evidence collection. Prerequisite: FSCI 370.

FSCI 401 Ethics in Forensic Science 3 credits

This course will review the ethical issues specific to Forensic Science. Forensic science is used to convict the guilty and protect or exonerate the innocent. Ethics means following the principles of natural justice, in all the activities without fear or favor in a neutral way. As Forensic Science is used to put the clues of a particular occurrence into finding the truth, and experts render testimony in Courts of Law, it is most essential that the evidence should be on Ethical Standards, not to be

misleading or false. The course is not meant to dictate actions, but to offer the tools and some direction for dealing with difficult situations related to Forensic Science.

FSCI 402 Natural Death Investigation **3 credits**
An examination of the natural death processes and how and why they are investigated. This class encompasses: cardiovascular, respiratory, central nervous system and others. In addition, the method for analyzing natural deaths from various sources, their meaning and impact on public health policies will be discussed. Topics include the use of this data for analysis of various programs. Prerequisites: BIOL 225, BIOL 226.

FSCI 455 Internship in Forensic Science **3 credits**
Students will work with their academic advisors and/or Instructors to identify either an accredited forensic laboratory or select criminal justice agencies with a Forensic evidence unit in the geographical area of their choosing. The Forensic Science Internship will provide the student with a professional work experience in an organizational environment. The internship is an extension of the curriculum and provides meaningful experience related to the student's area of concentration.

FRENCH

FREN 101 Elementary French I **3 credits**
An introduction to the French language and culture through conversation and basic grammar.

FREN 102 Elementary French II **3 credits**
A continuation of FREN 101. Prerequisite: FREN 101.

FREN 201 Intermediate French I/Translation **3 credits**
Reading and translation of various modern French texts. Prerequisite: FREN 102.

FREN 202 Intermediate French II/Conversation **3 credits**
Development of conversational fluency and practical composition. Prerequisite: FREN 102.

FREN 203 French Phonetics **3 credits**
An introduction to French phonetics theory and corrective application. Records and tapes. Prerequisite: FREN 102.

FREN 213 Specialized Translation from French **3 credits**
Stresses the skills required for translating materials related to the students' majors and career goals. Particular emphasis is placed on language structure and vocabulary. Prerequisite: FREN 201.

FREN 215 French Culture **3 credits**
The history and contemporary life of France and the French-speaking world. Provides an introduction to French culture through selected texts, current newspaper clippings and videos. Presented in English. Prerequisite: History 150 or permission of the instructor. Dual listed as HIST 215.

FREN 301 Survey of French Literature I **3 credits**
A study of French civilization and literature to the end of the eighteenth century. Prerequisite: FREN 201 or permission.

FREN 302 Survey of French Literature II **3 credits**
A study of French civilization and literature from the beginning of the nineteenth century to the present day. Prerequisite: FREN 201 or permission.

FREN 311 Advanced French Composition and Conversation **3 credits**
Development of writing and speaking skills in French for advanced students. Prerequisite: FREN 202 or permission.

FREN 194, FREN 294 Special Topics (CORE) **3 credits**

FREN 295, FREN 395, FREN 495 Special Topics in French I, II, III **1-6 credits**

GLOBAL CULTURAL STUDIES

GCS 175 Introduction to Global Cultural Studies**3 credits**

An introduction to the critical analysis of contemporary global cultural circumstances with special emphasis on developing an appreciation of the complex character of human cultural patterns the world over as well as a global perspective on the dynamics of power and privilege.

GCS/MLNG 205 Languages of the World**3 credits**

This course introduces students to theories of human language. Students will look at how and when speech and writing systems developed, including the history and evolution of various protolanguages. Students will study geographic, political, and sociocultural factors involved in language development and use. The course includes language recognition and analysis activities and directed application of theory.

GCS 215 Modernity, Colonialism and Capitalism**3 credits**

A broad historic and geographic consideration of the “globalizing” cultural forces of the Modern era that have affected nearly every living organism on the planet. Particular attention is given to the integrative dynamics of capitalism, colonialism, and (neo)imperialism. Prerequisite: GCS 175.

GCS 230 Literature, Performing Arts and Politics: A Global View**3 credits**

The course will trace the development of performing and literary genres throughout the world. Varied types of expressions will be examined in their historical and local manifestations. The genres that have come to dominate the geo/political cultural entities (states, continents, sub-cultures) will be explored, as well as the global ramifications of the current artistic productions. Poetry, theater, dance and cinema will be among the genres studied. Prerequisite: GCS 175.

GCS 194, GCS 294 Special Topics (CORE)**3 credits****GCS/SOC 310 Human Rights in Theory and Practice****3 credits**

This course surveys the history, institutions and laws of the international human rights system. It considers their limitations and new developments such as universal jurisdiction. Case studies are used to discuss the political, historical, social and cultural context of inequality which enable human rights abuses, the victims’ experiences and means of redress. Students will design and carry out research and advocacy projects relating to human rights abuses. Prerequisite: GCS 175 or permission of instructor

GCS/SOC 315 Modern World Systems**3 credits**

A study of the ongoing dynamics of the Modern era (15th Century to present) that have fostered the emergence of the current world system; particular attention will be paid to the contemporary character of our “globalizing” world, including such aspects as the increasing global division of labor, neoliberalization, corporatization, etc. Prerequisite: GCS 175.

GCS/SOC 335 Revolutions**3 credits**

This course focuses on “revolutions” as globalizing forces in human history; it begins with a discussion of the European Enlightenment and the Industrial Revolutions and proceeds through the American and French revolutions to the Bolshevik Revolution incorporating ancillary “revolutions” along the way, including discussions of some or all of the following: European colonial expansion, the Bolivarian liberation, Fordist production, consumerism, Viet Nam, post industrialization/post-Fordism, postmodernity, neoliberalism, etc. Prerequisite: GCS 175.

GCS 340 Global Political Ecology**3 credits**

A study of the relationship of humans to the environments they inhabit with special attention paid to the political-economic structures that inform those relationships; of particular interest will be the character of capitalism and the extent to which it is implicated in the ongoing environmental change on local and global scales. Prerequisite: GCS 175.

GCS 390 Study Abroad Project I**3 credits**

An on-site in-depth examination of a specific global issue as it relates to and/or is manifested in a particular foreign locale. Prerequisite: permission of instructor.

GCS 425 Global Cultural Studies Practicum**3 credits**

The Global Cultural Studies practicum is designed around connecting GCS majors with internship opportunities at a range of social and/or environment justice oriented organizations in and around Pittsburgh. The practicum will enable students to productively apply many of the skills they learn in GCS courses in professional and political settings beyond the university's campus. They will in turn strengthen these skills and develop new capacities as they learn the practical realities of some of the Global Cultural Studies' curriculum's principle themes. Students enrolled in the practicum will work under the joint supervision of a GCS faculty member and a participating organization. In addition to the tasks of the practicum itself, students will write reflexive critical analyses of their experience and a theoretically informed research paper. They must secure an internship from one of the organizations we have already designated as appropriate to GCS majors before they enroll in the course. Prerequisites: GCS 175 and at least Junior Standing.

GCS 426 Global Cultural Studies Senior Thesis**3 credits**

The senior thesis/capstone will enable students to apply the skills they have gained in Global Cultural Studies courses to a social science based research project of their own design. In doing so, under the guidance of an appointed faculty member, they will refine the skills developed in GCS courses as well enhance their potential to become knowledge producers themselves. This course represents the faculty's response to the expressed desire of students to see their degree punctuated with a significant project that will serve as further evidence of their achievement and the skills they have developed. Prerequisites: GCS 175, PSYC 352, and Senior Standing.

GCS 490 Study Abroad Project II**3 credits**

A continuation of GCS 390 Study Abroad Project I, examining a different global issue in a different part of the world. Prerequisite: permission of instructor.

GRAPHIC & INTERACTIVE DESIGN**GRID 103 Graphic Design I****3 credits**

This course introduces students to basic visual design theory and skills, including industry standard illustration, photo-editing, and layout hardware and software. Students will create and revise visual materials to solve a variety of challenges. Students will also learn to effectively present their designs.

GRID 160 Graphic Design Thinking**3 credits**

This course offers Graphic & Interactive Design students an introduction to problem solving methods used by graphic and interactive designers. Students learn basic problem analysis and idea generation methods that can be applied to graphic and interactive design courses. Through research, reference materials, tutorial exercises and projects, students learn to develop personal and innovative thinking for visual communications. Prerequisite: GRID 103

GRID 205 Graphic Design Illustration**3 credits**

This course offers students an introduction to drawing and illustration as a graphic designers. Students learn to draw basic forms for thumbnails and roughs that can be applied to other graphic design courses. Techniques and tools for drawing shape, value, plane and volume are explored through gesture, contour and other drawing/illustration styles. Composition and drawing/illustration typography are integral part of the course. This course will explore both hand drawn and vector software methods. Through reference materials, tutorial exercises and projects, students use software tools and menu commands to trace, draw and manipulate Bezier curves, and create illustrations. Students manipulate graphics and typographic forms to create final drawing compositions. Students also control and manipulate visual attributes and work with several color models to create, mix, and apply colors and tint. Prerequisites: GRID 103

GRID 250 Graphic Design History**3 credits**

This studio course focuses on the history of graphic design. Students will examine historic design and art movements and the thinking behind the work produced in context. Students will learn how designers in history developed, prototyped and used available materials. Emphasis is placed on developing design solutions in relationship to historic movements and designers. Students will learn the history of inventions that changed graphic design, how graphic design was reproduced, applied, and presented to the audience. Prerequisite: GRID 307, 205, and GRID 160.

GRID 305 Typography I**3 credits**

This course will study the design and use of basic letter forms, the anatomy of type, typographic contrast, hierarchy of information, major type families and characteristics, history of design and typographic grids. Students build skills for the art of typesetting and typographic layout, and for expressive typography and conceptual thinking. In addition to the history and theory of typography, students will learn to create their own personal typeface. Prerequisites: GRID 103

GRID 307 Graphic Design II**3 credits**

This course serves as a comprehensive study of theory, principles, strategies and tools of graphic design. In this course students learn to apply layout and design concepts to produce a variety of editorial, informational, and business materials for printing and digital distribution. Industry standard graphic design software provides a platform for these projects. Upon completion of this course students will have a variety of graphic design pieces to add to their portfolios. Prerequisite: GRID103.

GRID 336 Branding and Identity Design**3 credits**

This course provides students with advanced planning, design and production techniques for creating and enhancing persuasive communications. Students will use industry standard software, combined with solid theory in targeting and reaching audiences through creative and persuasive messages. Students will conceive and create and apply designs including logos, stationary systems and graphic standards for a variety of organizations. Prerequisites: GRID 307.

GRID 340 Interactive Graphic Design I**3 credits**

This studio course focuses on beginning interactive design. Students will begin to learn the similarities and differences when designing and producing work in print, web, and interactive mediums. Emphasis is placed on developing design solutions for web and interactive design. Students will learn industry software at a basic level used to design, produce, and code, web and interactive design. Students will learn about typographic needs and restrictions when designing for the web and interactive design versus print. Prerequisites: GID 160, GID 205 and GID 307.

GRID 355 Magazine and Media Design**3 credits**

This course provide students with advanced planning, design and production techniques for creating and enhancing persuasive editorial design. Students will use industry standard software combined with solid theory in targeting and reaching audiences. Students will conceive and create designs for promotional campaigns, including newsletters, brochures, magazine spreads and marketing collateral. Prerequisite: GRID 307.

GRID 405 Packaging and Retail Design**3 credits**

This studio course focuses on three-dimensional structures for a broad range of products that not only protect package contents but also create an experience for the user. Students examine how messages behave when distributed in three-dimensional space. Conceptual development, prototyping, materials, type, image, layout, design and form are explored to create direct mail, packaging, point of purchase display and environmental designs. Emphasis is placed on developing solutions in relationship to the marketing concepts and objectives. The class will also focus on social, sustainable and environmental issues. Prerequisites: GRID 307.

GRID 415 Typography II**3 credits**

This course will study the advanced use of typography in multi-page documents. Students will learn to create and experiment with typographic forms. Students will strengthen their ability to relate and use type and image all together in design compositions. Students will build advanced skills for typographic layout, expressive typography and conceptual thinking. Students will learn to apply typography in a variety of graphic and interactive mediums. Learn the typographic different need in screen and interactive mediums. Prerequisite: GID 160, GID 205 and GID 307

GRID 440 Interactive Graphic Design II**3 credits**

This studio course focuses on advanced interactive design. Students will learn these similarities and differences when design and producing in print, web, and interactive mediums. Emphasis is placed on developing design solutions for web and interactive design. Students will learn at an advanced level the industry software used to design, produce, code, web and interactive design. Prerequisites: GRID 160, GRID 205, GRID 307

GRID 490 Graphic & Interactive Design Capstone**3 credits**

This course will serve as a capstone to those in graphic & interactive design major. The course will be conducted in a workshop format, with students producing a branding package for themselves that includes resume, cover letter, and final print and web portfolio that they can use in their professional job search. Students will also produce a self-directed project that will support their employment goals in an area of graphic design and/or interactive design. Prerequisite: GRID 205, GRID 307, GRID 336, GRID 340. GRID 355, and passing the jr. graphic& interactive design portfolio review.

HISTORY**HIST 201 Western Civilization to the Sixteenth Century****3 credits**

This introductory survey course will familiarize students with major themes and historical events in the Western World from the Ancient World to the 1500s. Students will analyze the major forces, ideas and institutions which influenced the

peoples of the world and look at the foundations of Western cultural expansion outward. In this course students will learn to think critically about historical events and how they are interpreted to better understand the relationship between historical events and contemporary interpretation of those events. Students will locate and evaluate primary and secondary texts and use them to write critically about history.

HIST 202 Western Civilization since the Sixteenth Century 3 credits

This introductory survey course will familiarize students with major themes and historical events in the Western World from the 1500s to the twenty-first century. Student will analyze the major forces, ideas and institutions which influenced the peoples of the world and examine the impact of Western cultural imperialism. In this course students will learn to think critically about historical events and how they are interpreted to better understand the relationship between historical events and contemporary interpretation of those events. Students will located and evaluate primary and secondary texts and use them to write critically about history.

HIST 203 History of the United States I 3 credits

The historical, political and social movements of the United States and Pennsylvania from the Colonial period through 1865. The identification of individual rights and responsibilities as citizens is an integral part of this course. Prerequisite: History 150 or permission of the instructor.

HIST 204 History of the United States II 3 credits

A continuation of HIST 203. The developments in the United States and Pennsylvania from 1865 to the present. Prerequisite: History 150 or permission of the instructor. Prerequisite: History 150 or permission of the instructor.

HIST 206 Foundations in Feminism: Women's History in the Western World

This course will introduce students to historical issues and questions about gender, power, and the role of women in modern society. This course will focus on American and European women in the 19th and 20th centuries to understand the debates about first, second, and third-wave feminism. Students will read and analyze how the roles of women, gender, and sexuality have been (mis)understood and continually redefined in the past two centuries. Students will be introduced to the process of writing through the lens of women and feminism. This course is Writing Intensive.

HIST 215 French Culture 3 credits

The history and contemporary life of France and the French-speaking world. Provides an introduction to French culture through selected texts, current newspaper clippings and videos. Presented in English. Prerequisite: History 150 or permission of the instructor. Dual listed as FREN 215.

HIST 216 Spanish Culture 3 credits

An introduction to the culture and history of Spain from the medieval era to the present day. Selected historical and literary texts are used to give a panoramic view of Spanish culture. Presented in English. Prerequisite: History 150 or permission of the instructor. Dual listed as SPAN 216.

HIST 220 History of American Music 3 credits

In this course, students will learn about the history and development of American musical styles and the interaction that those styles had with American culture. Students will analyze both a variety of genres that evolved during the last one hundred and fifty years and the technology and venues that allowed those musical styles to permeate society. The role of the musician as the creator of new styles from vaudeville to Broadway and from blues to Rock 'n' Roll will dovetail with the audience and critics' response to those genres. During the semester, students will have the opportunity to listen to different styles of music, read history of how musical styles evolved, and read both musicians and critics analyses of their works.

HIST 255 Military History 3 credits

This survey course will introduce students to military history from ancient times through the end of the 20th century. Attention will be given to significant battles throughout time with a focus on key American wars. Students will analyze why nations go to war, discuss the role of changing technology in warfare, and assess the impact of war on populations. No prior knowledge of military history is required for this course.

HIST 261 Regional Studies: India 3 credits

An inter-disciplinary course examining the history, religions, geography, politics, art, music, economics, social structure and customs of India. Provides students with an understanding of the complex forces that have shaped one of the oldest and most diverse cultures on earth. Special attention is given to ethnic/religious strife, the role of women, and the emergence of India as an economic power in the 21st Century. Prerequisite: History 150 or permission of the instructor. Dual

listed as SOC 261.

- HIST/SOC 263 World History: Central and South America** 3 credits
The development of the political, economic, social and cultural history of Latin America since the revolution for independence. Prerequisites: HIST 203, HIST 204 or permission.
- HIST 311 Ancient History** 3 credits
Near Eastern civilization from the Neolithic period to the Persian Empire. Athenian and Roman power emphasized.
- HIST/SOC 312 Regional Studies: Africa** 3 credits
A descriptive and analytical survey of elements of change and continuity in Africa's political, economic, social and cultural institutions through three historical periods: Pre-Colonial, Colonial and Independence. The post-independence era. Prerequisite: History 150 or permission of the instructor.
- HIST 322 Renaissance and Reformation** 3 credits
The economic, social, cultural, political and religious impact of the Renaissance and Reformation in early modern history. Prerequisites: HIST 201, HIST 202 or permission.
- HIST 327 Twentieth Century Europe** 3 credits
Europe from World War I to the present, including the most recent upheavals in Eastern Europe and the former Soviet Union. Prerequisites: HIST 201, HIST 202 or permission.
- HIST 334 History of England** 3 credits
England with emphasis on the periods from the Tudors to the present. Prerequisites: HIST 201, HIST 202 or permission.
- HIST 337 Adolf Hitler and Nazism** 3 credits
A study of both the long- and short-range forces which brought Hitler and Nazism to power in Germany. Examines the structure, style and operations of the Nazi system from its inception to its collapse. Prerequisite: HIST 201 or permission.
- HIST 352 History of Modern Russia** 3 credits
This course will introduce students to the history of Soviet Russia and the impact of communism on the Russian people. It will cover the period from the decline of the imperial era to the fall of Communism and the rise of ethnic nationalism. Particular focus will be given to political ideologies and an understanding of how Marxism was implemented in the Soviet Union.
- HIST 355 World War II** 3 credits
General course on the history of World War II. The course will address causes of the War, political and social dynamics of the War, issues related to the conduct of the War, political and social implications of the War, and the onset of the Cold War.
- HIST 358 History of the Modern Middle East** 3 credits
This course will introduce students to the history of the Middle East. It will cover the life of Muhammad and the foundations of Islam. The majority of the course will focus on the 19th and early 20th century and the interaction between the Ottoman Empire and the European powers. This course will give students an opportunity to analyze the political misunderstandings that emerged in the region due to a lack of social and cultural awareness of difference.
- HIST 362 American Decades: Topics** 3 credits
This course is an in-depth examination of key individuals, events, and cultural expressions in American history with a singular 10 year focus. Each decade will be researched for evidence of influence from the previous decade and responsibility for trends in the following decade. American political and social issues combined with individual stories will provide the historical narrative of the decade. This course will have a significant multicultural dimension.
- HIST 372 History of the American Revolution** 3 credits
The causes and consequences of the American Revolution, including an examination of the Declaration of Independence, Articles of Confederation and the Constitution. Prerequisite: HIST 203 or permission.
- HIST 373 Old South, Civil War and Reconstruction** 3 credits

America from the Compromise of 1850 to the end of Reconstruction. Emphasis on slavery as an institution and on the battles and leaders of the Civil War. Reconstruction and its impact on Black America. Prerequisites: HIST 203, HIST 204 or permission.

HIST 378 The United States Since World War I **3 credits**
A study of the period's major social, political, economic, diplomatic and military developments. Prerequisite: HIST 204 or permission.

HIST 382 History of Pennsylvania: Focus on Pittsburgh **3 credits**
A survey of the changing face of Pennsylvania from the colonial times to the present, with an emphasis on Pittsburgh and Western Pennsylvania. This course addresses historical, political, military, and economic developments in the Commonwealth. Writing-in-disciplines class. Prerequisite: History 150 or permission of the instructor.

HIST 412 Seminar in History **3 credits**
This course allows students to synthesize the work they've done in their majors through directed research, evaluation, and writing. Students will write a substantive academic paper which analyzes a specific research question that they will choose early in the semester. Students will read examples of different types of scholarship in their fields including academic abstracts, introductions to monographs, and academic journal articles as examples of the types of work they will be writing. Students will have the opportunity to revise and review peer's work to ground their own skills. Prerequisite: Senior standing.

HIST 418 The History of Money **3 credits**
Exchange relations have been part of human interactions for thousands of years. This course examines the history of such relations and the role of money as a medium of exchange. We will discuss the socio-cultural and the political-economic aspects of this history. Our journey will take us from the days of beads, shells and trinkets to present day uses of money in modern society.

HIST 455 History Practicum **3 credits**
This course is available to qualified students as a practicum within the University or in conjunction with an external agency. It prepares students for careers in their field by involving them in professional work under the supervision of faculty or staff members. This requires regular progress reports and a final paper. Prerequisite: Junior status; 3.0 GPA; consent of an instructor to act as a supervisor; acceptance by an agency if applicable.

HIST 194, HIST 294 Special Topics (CORE) **3 credits**

HIST 295, HIST 395, HIST 495 Special Topics in History I, II, III **1-6 credits**
(See Department Requirements for a partial list of History courses offered as special topics.)

HIST 296, HIST 396, HIST 496 Independent Study in History I, II, III **1-6 credits**
Special Request Independent Study Fee: \$65 per credit.

HONORS PROGRAM

HON 299 Honors Service Learning **1 credit**
Students will contribute meaningful service to Point Park University and/or to local community organizations through at least 16-20 hours in a service project or activity that connects to the co-requisite course objectives in either UNIV 101 or in or a separate section of this class. Students will begin their work with a research assignment, participate in group and individual projects, and then keep a journal or written log of their activities to fulfill all obligations agreed upon with the faculty member teaching the course and on-site supervisor(s). This will include, but not be limited to, reflection papers and appropriate post-project essays.

HON 399 Honors Experiential Learning **1 credit**
Students will engage in a minimum of 16-20 hours of professional activity and development related to an attached course or professional experience of their choosing. Students may serve as writing, teaching, research, or lab assistants to professors. Students may also study abroad or within the U.S., or complete other study with the purpose of obtaining experiences relevant to their careers and professions.

HON 499 Honors Capstone **1 credit**
Students will expand upon and transform their major capstone projects to an Honors Thesis or Honors Project.

This will include additional interdisciplinary elements from the core curriculum, appropriate academic or professional rigor to further their careers, and students will be provided the opportunity to communicate their work in a professional setting with required presentations.

INTELLIGENCE AND NATIONAL SECURITY

INTL 101 Introduction to Intelligence

3 credits

The origins of collecting, assimilating, and using intelligence from the Spartans through the present will be discussed in detail in order to lay a foundation for today's methods and analysis of intelligence.

INTL 102 Intelligence Tradecraft Techniques

3 credits

This course will present information on the degree of planning and the preparation methods used by terrorists prior to an attack. Emphasis is on the planning and preparation stages of the attack, the time when terrorists are most susceptible to law enforcement detection. Included in this course will be an extensive familiarization of the jargon utilized by the intelligence community and their research methods.

INTL 103 International Terrorism

3 credits

This course will focus on the origins of terrorism by identifying known organizations, their perceived structure, and their degree of operational capacity. Inclusive in this course will be the Method of Operation (MO) and the tell-tale signs to look for when attempting to identify such organizations in urban, suburban, and rural areas. The course will describe known or suspected creeds followed by several terrorist organizations.

INTL 104 Recruitment, Preparation and Training of Terrorists

3 credits

This course will describe the recruitment, preparation, and training of terrorists including past, current, and future initiatives. The course will cover the culture, subculture structure, and growth of terrorist organizations both domestic and international.

INTL 204 Intelligence in the Media

3 credits

This course examines the intelligence community and how it is perceived in the movies, television, novels and in the news. Comparisons will be made with what is depicted and the actual event that inspired the media. Prerequisites: INTL 101, INTL 102.

INTL 210 Domestic Terrorism

3 credits

This course examines the causes of domestic terrorism. It explains why people join such organizations and how they are recruited. The course relates how these organizations have developed in the U.S. over the past 20 plus years. It explains why domestic terrorism has become prevalent and what steps have been taken to curb its growth. It also describes how U.S. law enforcement is addressing the problem and what laws have been created to stop its growth and deal with its members.

INTL 211 Evolution of Intelligence

3 credits

This course analyzes the historical development of intelligence services and describes the reason(s) which have resulted in the proliferation and need for these services. It also explores how historical, global, and technological changes have impacted the intelligence community.

INTL 194, INTL 294 Special Topics (CORE)

3 credits

INTL 300 Critical Thinking for Analysts

3 credits

This course lays the foundation for the processes used by the intelligence community to determine credibility of assets and acquisition of intelligence prior to placing that intelligence into a matrix or on the i2 chart.

INTL 301 Intelligence Analyst/Critical Thinking (I-2 Program)

3 credits

This course presents an in-depth analysis of the methods used by terrorist organizations to finance their global operations and the investigative techniques used to counter such measures. The means used by terrorist organizations to raise, transfer, and spend funds will be analyzed. It will also include an analysis of how the monies are spent by these organizations. During the computer lab portion to this course, students will become proficient in the use of I-2 program software. This course includes an analytic presentation/briefing to members of the intelligence community by the student.

INTL 302 National Intelligence Authorities

3 credits

As a nation of laws, this course covers the laws governing the collection, dissemination and use of intelligence as well

as defining the 17 agencies in the Intelligence Community; includes a detailed study of the Patriot Act, national Intelligence Act and Emergency Powers of the President.

INTL 304 Critical Issues in Risk Communications

3 credits

Course focuses on risk communication within the context of terrorism and natural disasters. The didactic and experiential course will include core principles of risk communication, examine special challenges of risk communication with diverse audiences and media, and prepare students to create risk and crisis communication campaign in Risk Communication.

INTL 305 Intelligence Failures

3 credits

This course will identify and describe perceived failures of the U.S. Intelligence community over the past 50 plus years, which have affected national security and U.S. foreign policy. The course further explores the laws and amended policies that have been implemented as a result of these failures and analyzes the effect of these changes on the intelligence community and foreign policy making.

INTL 306 Emergency Planning and Security Measures

3 credits

This course will deal with the multi-faceted role of Federal, State and local law enforcement authorities in the U.S., and their part in the war on terrorism. The course will explore inter-agency degree of cooperation and suggestions for improving these roles through real time cooperation and the sharing of intelligence. The FBI Joint Terrorism Task Force (JTTF) will be used as a model.

INTL 310 Ethics of Spying

3 credits

This course looks at the dilemmas that exist when someone is asked to perform a civil service that is in conflict with what that person believes to be ethical. Such ethics require and expect an intelligence officer to lie, deceive, steal, launder money, and perform a variety of other activities they would certainly be condemned as illegal if practiced in the United States. Prerequisites: INTL 101, INTL 102; PHIL 240.

INTL 311 Emergency Medical Services and Fire Operations

3 credits

This course focuses on the rapid recovery of transportation services; emergency production, transmission, distribution, and telecommunications. Topics also include restoring public and private information systems; coordinating plans for medical and financial assistance to victims; stabilizing financial markets; and containing and removing hazardous materials.

INTL 312 Interrogation Techniques

3 credits

This is an online course of study related to techniques of interrogation as used by the intelligence community. The course will cover current and past practices with an emphasis on the new guidelines for interrogating terrorists and combatants in the current war on terrorism. Prerequisites: INTL 101, INTL 102, INTL 310.

INTL 315, INTL 415 Intelligence Internship I, II

3 credits

Experiential component approved by the department in a local or national agency focusing upon security and intelligence. Methods of evaluation include periodic reports, journals and on-site evaluations. Prerequisites: Junior Standing and permission.

INTL 395 Special Topics in Intelligence

3 credits

This course provides the opportunity for the program to offer courses in areas of the major that are not normally covered in the regular curriculum. It also provides for dual listing of appropriate courses within other university departments.

INTL 401 High Impact Event Planning

3 credits

This course deals with the multi-faceted role of Federal, State and local law enforcement authorities in the United States and their role in the response to high impact events as described by the Department of Homeland Security. The course will explore inter-agency cooperation and strategies for improving collaboration through the use of shared assets. Inclusive in this course is a detailed review of the roles of state and local authorities in the event of such an attack.

INTL 402 Current Issues in U.S. Security Policy

3 credits

This course examines, both objectively and subjectively, current issues in U.S. Security Policy both nationally and internationally. Students will compare various national intelligence strategies over a period of time from its inception to its current state of affairs.

INTL 403 Weapons of Mass Destruction

3 credits

This course will describe chemical, biological and nuclear proliferation among terrorist organizations. The course will offer a virtual reality format of instruction in identifying and responding to occurrences where WMD are detected. The course will include the protection, detection and response to Dirty Bombs.

INTL 404 Mass Casualty Management Planning 3 credits

This course covers the issues involved in dealing with mass casualties such as those created by major terrorist events, pandemics, nuclear accidents, tsunamis, and major earthquakes. An examination of past mass casualty events will be studied.

INTL 405 Counter Intelligence 3 credits

This course consists of a comprehensive study of a minimum of four highly placed spies in our intelligence agencies. The methods and techniques utilized by the spies as well as the techniques utilized by our counterintelligence agents to discover and arrest those spies. In addition, the damage caused by each will be discussed in detail. Prerequisites: INTL 101, INTL 102.

INTL 406 Misinformation/Psychological Operations 3 credits

This course examines the type of methods employed by intelligence agencies to affect desired political outcomes and policies of foreign nations, which are favorable to U.S. interest and sovereignty. It examines the difference between overt and covert non-military psychological operations designed to achieve the desired results and possible blow back from such operations.

INTL 409 Intelligence Case Studies 3 credits

This course will analyze significant de-classified intelligence cases, both military and non-military in nature. It will examine each selected case to evaluate the perceived necessity for the action and the ultimate outcome of the action(s). It also will analyze if policy and perceptions at the time of case initiation were flawed or accurately determined.

INTL 410 The President's Daily Brief 3 credits

This course is designed to prepare Intelligence students to combine their subject knowledge, analytical abilities, and communications skill to prepare documents for use in the Intelligence Community, including Presidential Daily Briefs and the five basic types of Intelligence reports; basic information, current reports, evaluative assessments, estimative reports, and warning assessments. Additionally, students will hone their speaking skills by delivering oral briefs for a variety of target audiences.

JAZZ

JAZ 101 Supplemental Jazz I – B.A., Non-Concentration 1-2 credits

Introductory Jazz. Develops a basic understanding of jazz dance techniques; styles include classical, contemporary, and musical theatre jazz. Emphasis on proper alignment, placement and coordination. Prerequisite: BA dance major, non-Jazz concentration.

JAZ 102 Supplemental Jazz II 1-2 credits

Develops a basic understanding of jazz dance techniques on a low to intermediate level. Styles include classical, contemporary, and musical theatre jazz. Emphasis on proper alignment, placement and coordination. Prerequisites: JAZ 101.

JAZ 111 Jazz I 3 credits

Introductory Jazz. Develops a basic understanding of jazz dance techniques; styles include classical, contemporary, and musical theatre jazz. Emphasis on proper alignment, placement and coordination. Prerequisite: Freshmen dance major; audition.

JAZ 121 Jazz II 3 credits

Introductory Jazz. Develops a basic understanding of jazz dance techniques; styles include classical, contemporary, and musical theatre jazz. Emphasis on proper alignment, placement and coordination. Prerequisite: Freshmen dance major; audition.

JAZ 201 Supplemental Jazz III 1-2 credits

Additional studies in Jazz. Prerequisite: JAZ 121 or Instructor Placement.

JAZ 202 Supplemental Jazz IV 1-2 credits

Additional studies in Jazz. Prerequisite: JAZ 201 or Instructor Placement.

- JAZ 211 Jazz III 3 credits**
 This course continues the study of JAZ 121 on an intermediate level. More emphasis is placed on kinetic and spatial awareness, coordination, phrasing and stylistic versatility. Prerequisite: JAZ 121, or permission of instructor.
- JAZ 221 Jazz III 3 credits**
 This course continues the study of JAZ 211 on an intermediate level. More emphasis is placed on kinetic and spatial awareness, coordination, phrasing and stylistic versatility. Prerequisite: JAZ 211, or permission of instructor.
- JAZ 301 Supplemental Jazz V 1-2 credits**
 Additional studies in Jazz. Prerequisite: JAZ 202 or Instructor Placement.
- JAZ 302 Supplemental Jazz VI 1-2 credits**
 Additional studies in Jazz. Prerequisite: JAZ 301 or Instructor Placement.
- JAZ 311 Jazz V 3 credits**
 A continuation of JAZ 221, this course further develops a sense of personal style and solid technique on an intermediate to advanced level. Individual creativity is encouraged. Prerequisite: JAZ 221.
- JAZ 321 Jazz VI 3 credits**
 A continuation of JAZ 311, this course further develops a sense of personal style and solid technique on an intermediate to advanced level. Individual creativity is encouraged. Prerequisite: JAZ 311.
- JAZ 401 Supplemental Jazz VII 1-2 credits**
 Additional studies in Jazz. Prerequisite: JAZ 302 or Instructor Placement.
- JAZ 402 Supplemental Jazz VIII 1-2 credits**
 Additional studies in Jazz. Prerequisite: JAZ 401 or Instructor Placement.
- JAZ 411 Jazz VII 3 credits**
 A continuation of DANC 321, this course is an advanced study of jazz dance techniques. Technical accomplishment, clarity, phrasing, musicality, personal style and presentation are all emphasized. Prerequisite: JAZ 321.
- JAZ 421 Jazz VIII 3 credits**
 A continuation of DANC 411, this course is highest level study of jazz dance techniques. Technical accomplishment, clarity, phrasing, musicality, personal style and presentation are all emphasized. Prerequisite: JAZ 411.
- JAZ 194, JAZ 294 Special Topics (CORE) 3 credits**

JOURNALISM AND MASS COMMUNICATIONS

- JOUR 101 Mass Media Literacy 3 credits**
 This course will help students develop an informed and critical understanding of the structures, functions, and impacts of mass media, traditional and new, with particular attention to news messages. This is a vital skill set, as media messages dramatically influence personal identity, cultural norms, and representations of peoples on a global scale. It is an essential tool for both creators and consumers of mass media-in other words, everyone.
- JOUR 150 Journalistic Writing and Editing 3 credits**
 This course will introduce students to professional-level writing and editing skills and techniques. Students will learn to recognize news, conduct interviews, report and collect information, and then write in a variety of formats, including news, feature and narrative, opinion and news feature, all of which are applicable to information provided in the traditional mass media, advertising and public relations, and multimedia applications. Students will learn how to edit and prepare copy for publication and dissemination in those formats. Students must pass with a C- or better to progress in the major if this is a required major course.
- JOUR 151 Broadcast News Writing 3 credits**
 This course will introduce students to professional-level broadcast writing and editing skills and techniques. Students will conduct interviews, report and collect information, and then write scripts in a variety of formats, understanding the relationship and importance of audio and video in broadcast formats. Students will learn how to edit and prepare copy for

broadcast and dissemination in accompanying multimedia formats. Students must pass with a C- or better to progress in the major if this is a required major course. Prerequisite: JOUR 150.

JOUR 191 Practicum in Media Management

1 credit

Experience in college media under the supervision of a department faculty member. Working for the student newspaper, magazines, radio station, TV studio, media relations or marketing offices, or relevant project sites on campus. May be in editorial, advertising or in another area of the field. May be repeated three times for credit. Pass/Fail basis only.

JOUR 202 Introduction to Broadcasting

3 credits

A general overview of the broadcasting industry, key historical events and people and study of the existing economic and regulatory forces acting upon it.

JOUR 206 Introduction to Advertising and PR

3 credits

Students explore the background and fundamentals of how organizations use persuasive communication to reach target audiences. A study of successful case studies and exercises in program writing will build the foundation and basic understanding of how advertising and public relations can advance the mission and growth of organizations in our contemporary society.

JOUR 215 Video Field Production and Editing

3 credits

This course provides an introduction to the terminology, technical and creative principles of single-camera video for electronic field production (EFP) and electronic news gathering (ENG). Students learn and apply the basic video production techniques of camera operation, aesthetic composition, sound, lighting and editing to create and produce short-form video productions. Prerequisite: JOUR 101.

JOUR 216 Multi-Camera Video Production and Directing

3 credits

Multi-camera video production and directing concepts and techniques are developed and applied. Students apply fundamentals of all multi-camera production crew positions, organize and direct crew personnel, and adapt multi-camera production skills for video productions.

JOUR 220 Writing for Multimedia and the Web

3 credits

This course will provide students with the skills necessary to write multimedia content for many different media platforms, including advertising, public relations, journalism, photography, and video. This class will cover Web writing skills, including writing for search engine optimization (SEO), social media and blogging. Upon completion of this course, students will have a variety of written assignments spanning multiple disciplines to add to their portfolios. Students must pass with a C- or better to progress in the major if this is a required major course. Prerequisite: JOUR 150.

JOUR 223 Radio Production

3 credits

Study and practical experience at the WPPJ radio studio emphasizing the basic elements of radio program production and direction, including technical aspects, basic programming, scripting and the development of audio materials. Prerequisite: JOUR 101.

JOUR 225 Deconstructing the Story

3 credits

This course is critical-analytic, designed to serve as an introduction to the practice of media literacy through the close reading of media texts. Students will survey the major schools of analytic thought in the cultural-critical tradition and apply them to the popular media in order to be able to identify and discuss major themes depicted in the texts. Each instructor who teaches the course is free to choose the genre of media, as well as the major themes students will identify and discuss. The main framework for media text analysis will remain consistent across all iterations of the course.

JOUR 239 Integrated Communications Research for Ad/PR

3 credits

Course will explore various secondary research techniques using available government and organizational databases, media coverage/analysis, library resources and other tools. Course will also cover primary research methods, including surveys (planning, methods and analysis), observation, experimentation and focus groups. Students will develop capabilities in planning and designing research objectives, tools and evaluation systems, including survey construction, tabulation and interpretation, as well as focus group management. Prerequisite: JOUR 206.

JOUR 257 Feature and Interpretive Writing

3 credits

A lecture-laboratory and personal conference course in the writing of feature stories and analytical perspectives for newspapers, magazines and online, ranging from personality profiles and social trends to interpretive and contextual reporting. Prerequisite: JOUR 150.

JOUR 260 Newsgathering and Reporting**3 credits**

This course offers advanced training in reporting techniques, record searches, computer-assisted research and other skills. After students learn how to find interesting stories, they will be schooled in specific writing structures and how to organize, write, and publish stories for a portfolio that will be presented at the end of the semester. Prerequisite: JOUR 150.

JOUR 280 Introduction to Multimedia**3 credits**

This course will provide an introduction to multimedia production, writing and theory. Students will learn the industry from a historical perspective, as well as learn the basics of blogging and promoting content, video and audio for the Web, slide shows, podcasting, RSS feeds, creating interactive quizzes and timelines, mobile publishing, and other relevant topics. Upon completion of this course students will have a comprehensive technical knowledge of the many opportunities for multimedia production. Prerequisite: GRID 103

JOUR 300 Career Preparation Seminar**1 credit**

A combination lecture, discussion and critique of student work. The goal is to enable students to make educational and professional choices early in their college years. Surveys entry requirements, duties and job-satisfaction in professions of the J&MC concentrations. Topics include recommended electives, internships, networking, resumes, interviewing, portfolios and research sources. Required of majors and planned for the sophomore level.

JOUR 301 Advertising Copy Writing and Layout**3 credits**

Provides students with basic planning, writing, design and production techniques for creating and enhancing persuasive communications. Students will use copywriting skills, desktop publishing and design programs, combined with solid theory in targeting and reaching audiences to complete advertising campaigns that include print ads, broadcast ads, direct mail pieces, Web advertising and a variety of other vehicles. The use of typography, color, graphics and other design tools will be used to target these creative messages. Upon completion of this class, each student will have an advertising campaign to add to his or her portfolio. Prerequisite: JOUR 206.

JOUR 302 Introduction to Photojournalism I**3 credits**

Photojournalism students will learn the basic skills, theory and history to obtain and report with a camera under deadline conditions. Assignments will be within the university and extend into the community. An emphasis will be placed on students publishing assignments to begin portfolios. Critiques will be an integral part of the course. Prerequisite: PHOT 204, PHOT 205 or permission.

JOUR 303 Motion Graphics**3 credits**

The course introduces fundamental concepts for both motion and static graphics as applied to graphics, titles and promos for screen, including graphics and promos for television networks and film titles and logos for advertising. The focus is on design presentation and development, screen composition, graphic transitions and content for all areas of television and web production. Students will construct graphic elements and typography for use in projects while addressing issues of motion and dynamic relationships. Prerequisite: GRID 103

JOUR 304 Broadcast News Reporting**3 credits**

This class functions as a multimedia newsroom and produces content for some or all of WPPJ, U-Vies, the Point Park News Service, and a weekly newscast. Students write and edit broadcast news packages to deadline, record news in the field, refine broadcast presentation skills, and employ reporting and interviewing techniques for a variety of situations in broadcast news. Prerequisites: JOUR 151, JOUR 215.

JOUR 306 Social Media Practices**3 credits**

This course will provide students the conceptual and technical understanding of the power and philosophy of social media. The course will specifically focus on how social media is changing media, business, journalism and government in fundamental ways. Upon completion of this course, students will have practical knowledge in the use of social media tools and building and maintaining an online community as well as a solid foundation in writing and reporting for social media. Prerequisite: 30+ credits.

JOUR 308 Multiplatform Magazine Reporting**3 credits**

Students apply management, news writing, feature writing, copy editing, desktop publishing, photography, and advertising skills learned in other School of Communication classes to produce an online magazine. Students will engage in multiplatform journalism, working in multiple media modalities. Prerequisite: JOUR 260 or instructor permission.

JOUR 309 Applied Studio Practices**1 credit**

The goal of this course is that students gain practical, hands-on experience through working as apprentices on specific non-U-View television programs. Faculty will supervise students in these programs and a site supervisor will evaluate the student's minimum 70 hours effort for the semester. The course should be completed by the junior year to prepare students for internships at outside media. The course is pass/fail only and may be repeated one time. For Broadcast Production and Media Management Majors, and for Broadcast Reporting Majors, this course may substitute for JOUR 311 Practicum.

JOUR 310 Multiplatform Magazine Reporting II**3 credits**

Students will further develop and apply management, news writing, feature writing, copy editing, desktop publishing, photography, and advertising skills learned in their first semester of multiplatform magazine reporting. Advanced publication and management skills will be expected through serving as Editor, Copy Editor, Photo Editor, Advertising Manager, Designer, or On-line Editor. Students will engage in multiplatform journalism, working in multiple media modalities. Prerequisite: JOUR 308 or instructor permission.

JOUR 311 Practicum**1 credit**

School of Communication majors complete a practicum in a concentration of their choice. The goal is that students gain practical, hands-on experience through working as apprentices for various University media and applicable offices. Faculty supervise all students who complete an agreed-upon list of assignments at sites such as the campus newspaper, broadcast studios, tasks in appropriate school offices and endeavors involving advertising, marketing, sports information, public relations, alumni affairs, or admissions and recruitment. A site supervisor will evaluate the student's minimum 70 hours effort for the semester. The site list is approved by the faculty, and will be expanded or reduced as needed. The practicum should be completed by the junior year to prepare students for internships at outside media, advertising and public relations agencies or appropriate corporate, governmental or community organizations. The practicum is pass/fail only and may be repeated one time.

JOUR 312 Advanced Reporting**3 credits**

This is an advanced-level writing and reporting and storytelling class for dedicated students. The focus of the class is reporting and writing and communicating in a simulated professional environment, drawing upon all the skills learned in prior required and elective courses. Students will report for the Point Park News Service and create multimedia projects. Content created in this class appears on the news service website under the students' bylines. Their work will be offered for publication in media outlets through the news service. Prerequisites: JOUR 260 or permission of the instructor.

JOUR 313 Internship I**3 credits**

An on-the-job internship of about 200 hours of paid or unpaid work at a newspaper or other publication, a radio or TV station, photography studio or production company, public relations or advertising agency position. Departmental handout (available from the secretary or chair), advisers and bulletin board postings should be consulted for positions and procedures on locating and registering for an internship. Prerequisites: Completion of sophomore-level core courses, basic courses relating to the specific field of the internship and permission of appropriate faculty supervisor and department chair. (Note: course numbers for internships determined by number of internships completed, not class standing.)

JOUR 314 Entrepreneurial Reporting**3 credits**

Students will learn to work in an ever-changing media environment that has affected traditional media platforms, freelance journalists and communicators, and media entrepreneurs. Students will research new media ventures - including efforts in traditional media outlets and online platforms - and nonprofit journalism. Media pioneers will address the class, explaining their media companies and career paths as well as their utilization of innovative platforms to reach audiences. The class will include a review of copyright, legal and ethical issues, business planning and finance. Students will propose and develop their own media businesses or nonprofit ventures throughout the course. Prerequisite: JOUR 260 or permission of the instructor.

JOUR 315 Introduction to Photojournalism II**3 credits**

Photojournalism students will refine their photo reporting skills while expanding techniques to include visual storytelling and documenting with emerging technology. Students must be published. An emphasis will be placed on students publishing assignments to further portfolios. Critiques will be an integral part of the course. Prerequisite: PHOT 204, PHOT 205 or permission.

JOUR 317 On Camera Television Performance**3 credits**

Experiential training to develop "on screen" presentation skills through practice of performance techniques in various television formats. Prerequisite: JOUR 215 or permission.

JOUR 319 Data Journalism & Visualization**3 credits**

As every action finds its way into a database somewhere, data journalism has become a hallmark of journalism. Students will be asked to find reliable data and how to uncover stories buried in spreadsheets, document databases and PDFs. Students will learn to use various software to compile, analyze, dissect, and present what they find in the data, combining the tenets of journalism with computer assisted reporting skills. Compiling data is a critical skill, especially in smaller newsrooms and outlets.

JOUR 320 Information Graphics**3 credits**

This course will provide students with the theory and skills to create clear, accurate, informative and visually attractive information graphics. Information graphics represent the intersection of graphics, journalism and science. The goal of the graphic is to efficiently communicate information to trends to help tell stories. Upon successful completion of this course students will have a variety of published information graphics, including pictographs, charts and architectural diagrams to add to their portfolios. Prerequisite GRID 103

JOUR 321 PR Writing**3 credits**

This is a practical course that will cover the techniques of message-based writing strategies used by public relations practitioners in various communication functions. The course will involve a variety of intensive public relations writing assignments based on strategies spanning major functional areas of professional public relations work. This course will concentrate on intensive work in the preparation of information for newspapers, radio, television, magazines, speech writing, brochures, newsletters, electronic media, and planning publicity campaigns. Dual Listed with JOUR 521. Prerequisite: JOUR 206 or permission.

JOUR 323 Radio and Music Programming and Sales**3 credits**

Students will learn the processes and principles behind radio and music programming and sales. The course will address Broadcast Radio, Internet Radio, Audio Media Distribution, and the Record Industry. Students will also learn about economic and business factors, cultural issues, and legal and ethical issues that surround these industries. Prerequisites: JOUR 202.

JOUR 324 Broadcast Announcing**3 credits**

Practice in the skills of basic performance and broadcast styles with an overview of the responsibilities required for radio and television announcing. Practical performance situations designed to develop proficiency are required.

JOUR 325 Video and Interactive Media Programming and Sales**3 credits**

Students will learn the processes and principles behind video and interactive media programming and sales. The course will address Broadcast Television, Cable Television, Video Games, and Video Media Distribution. Students will also learn about economic and business factors, cultural issues, and legal and ethical issues that surround these industries. Prerequisites: JOUR 202.

JOUR 326 IMC Planning**3 credits**

This course will explore methods of planning integrated communications programs to meet business/organizational strategic objectives. Students will gain the skills of the advertising (communications) planner and media planner by learning about target public and market behavior patterns; loyalty rationales of customers, employees and other key stakeholders; message effectiveness media management and other planning areas. Students will develop an understanding of interpreting and applying research data and strategic objectives to construct creative platforms. The course includes advanced communication research, interview techniques, ethnography, and virtual focus groups by using blogs and other social media. Prerequisite: JOUR 239.

JOUR 327 Public Relations Issues and Practices**3 credits**

Students will explore the principles involved in public relations with major emphasis on achieving and understanding the issues that public relations professionals face on a regular basis. Focus will be on the in-depth study of theories learned in previous public relations courses at Point Park with emphasis on delving into current issues related to those theories. Students are expected to have a basic understanding of key public relations theories and will use class time to expand on areas of interest while applying their knowledge to resolving situations requiring public relations expertise. Prerequisite: JOUR 206.

JOUR 329 Professional Video Techniques**3 credits**

Intermediate field video pre-production, production and post-production concepts and techniques are developed and applied. Students combine fundamentals of all three phases of the production to plan, produce and edit videos for non-news purposes. Prerequisites: JOUR 215. Dual listed with JOUR 529.

JOUR 341 Broadcast Copy Writing**3 credits**

The major areas of writing for radio and television that have to do with continuity between programs. Writing assignments include public service announcements, commercials, promotional materials and telespots. Prerequisites: JOUR 151, JOUR 215. Dual listed as JOUR 541.

JOUR 348 Sports Media and Marketing**3 credits**

This course is a survey of issues pertaining to sports media and the marketing of sports products and entities. Emphasis is given to the application of strategic marketing planning concepts. The guiding framework for the course is a "5Ps" model of sports marketing developed with the aim of creating exceptional customer experiences. In turn, experiences strengthen relationships between a company or organization and its customers. The course will also substantially review the emerging trends, tactics and platforms of sports media and be a weekly forum for examining analyzing "hot button" issues breaking in the industry.

JOUR 365 Web Publishing I**3 credits**

This course will provide technical background for those students in the Digital Media field. Students will incorporate Web design theory and technical skills to create a series of Web products, including graphics, animations, and Web pages. Students will learn the current practices of Web publishing, which may include HTML, Flash, PHP coding, and the use of Content Management Systems. Upon completion of this class, students will have a variety of Web design pieces to add to their portfolios. Prerequisite: GRID 103

JOUR 380 Cooperative Education**3 credits**

Cooperative education(Co-Op) provides students with hands-on experience in the industry. Students gain practical professional experience, enhance skills learned in the classroom, and acquire contacts with professionals in the business. This course requires students to complete a minimum of 384 hours in the field as well as complete complementary coursework that will enhance the co-op experience. Co-Op experiences must be approved by the Chair of the School of Communication prior to beginning work. Credit can only be earned in the semester that the co-op is taking place and no credit will be granted for past co-ops. This is a Pass/Fail course.

JOUR 390 International Media**3 credits**

This course combines classroom preparation and study in an international setting of the media for a designated country. Students will compare and contrast the designated country and U.S. media models, regulations, production, and content. This course may be repeated one time, and only if it is to a different country than the previous one taken by the student. If the course is repeated, the second iteration may only count towards student's General Elective Requirement. Prerequisites: JOUR 101 plus one JOUR 200 level in the student's major area of concentration and Sophomore Standing.

JOUR 406 Public Affairs Reporting**3 credits**

Review of functions and structures of government and other public agencies with attention to special problems of obtaining and reporting information in news articles. Prerequisites: JOUR 260. Dual listed as JOUR 506.

JOUR 408 Magazine Article Writing**3 credits**

Research and development of briefs and longer nonfiction articles with emphasis on free-lance writing, queries and techniques of magazine titles, fillers, writing and critiquing. Efforts made to sell articles for publication. Prerequisites: JOUR 150, 257. Dual listed as JOUR 508.

JOUR 409 Specialized Reporting**3 credits**

Students will obtain experience in a number of specialized or traditional beat reporting areas by completing reporting assignments under deadline conditions. Range of topics to include business, education, science, sports, etc. Prerequisites: JOUR 150, 151 and 260. Dual listed as JOUR 509.

JOUR 410 Investigative Reporting**3 credits**

Practical reporting experience with heavy emphasis on investigative techniques and computer-assisted reporting; development of sources and information; determination of subjects, organization and writing of stories and series for newspaper publication. Dual listed as JOUR 510. Prerequisites: JOUR 151, JOUR 260 and JOUR 418.

JOUR 412 Media Ethics and Responsibilities**3 credits**

Examines the ethical issues presented in the modern media, including their historical context and practical ramifications. The course compares and contrasts ethical standards and systems with professional processes and practices and legal principles. Students will write a position paper in which they defend an ethical choice they make and a longer term paper.

Prerequisite: 75+ Credits.

JOUR 413 Internship II

3 credits

An on-the-job internship of about 200 hours of paid or unpaid work at a newspaper or other publication, a radio or TV station, photography studio or production company, public relations or advertising agency position. Departmental handout (available from the secretary or chair), advisers and bulletin board postings should be consulted for positions and procedures on locating and registering for an internship. Prerequisites: Completion of sophomore-level core courses, basic courses relating to the specific field of the internship and permission of appropriate faculty supervisor and department chair. (Note: course numbers for internships determined by number of internships completed, not class standing.)

JOUR 416 Special Events Planning

3 credits

Students learn the fundamentals of special event planning from a strategic and tactical viewpoint and the role integrated communication plays in the success of any special event. Emphasis will be placed on researching, developing and successfully planning all aspects of a full special event program for a local client. Prerequisites: JOUR 321.

JOUR 418 Communication Law and Regulation

3 credits

Study of contemporary and classic cases related to state and federal law of freedom of the press and freedom of speech. Problems caused by efforts by government to control mass media and freedom of government/public information are also addressed. Students will write a term paper. Prerequisites: JOUR 101, JOUR 150 and 75+ credits. Dual listed with JOUR 518.

JOUR 420 Web Publishing II

3 credits

This course will build upon the skills and theory learned in Web Publishing I. Students will incorporate Web design theory and technical skills to create a series of advanced Web products, which may include Flash, XML, PHP and mobile content coding. Upon completion of this class, students will have a variety of published Web pieces to add to their portfolios. Prerequisites: JOUR 365.

JOUR 423 Advanced Radio Production Workshop

3 credits

A course for the development of highly creative and talented students who need to refine skills to produce professional quality news, documentaries, features and commercials. Prerequisites: JOUR 223.

JOUR 424 Advanced Radio and Television Announcing Techniques

3 credits

Designed to meet the needs of those students who desire to pursue careers as on-air talent in broadcasting. The emphasis is on actual performance with every student spending considerable time behind a microphone or in front of a camera. They are shown advanced techniques or "tricks" used by veteran broadcasters. Criticism from the instructor and from professionals is an integral part of the course. Prerequisites: 75+ Credits, JOUR 324.

JOUR 433 Advertising Competition

3 credits

Students prepare an IMC campaign and present it at the National Student Advertising Competition of the American Advertising Federation. Campaigns have been for a car, credit card company, airline and a magazine publisher, all of which sponsored the annual competition. Students assume job titles and descriptions and produce a comprehensive IMC plan, involving research and all forms of the Integrated Marketing Communications process, including media. Prerequisites: Completion of all School of Communication and PRAD required core courses.

JOUR 442 Advanced Television Production

3 credits

In this course students will apply producing, directing, videotaping, writing, and editing skills to non-news television programming they create. Programming produced will air on U-View, Point Park University's closed-circuit television channel. Prerequisite: JOUR 215, JOUR 329, JOUR 304, or JOUR 341. Dual listed as JOUR 542.

JOUR 445 Editing & Producing the News

3 credits

Traditional and transitional principles of news value, news selection, and news presentation will be discussed in class. Applying these principles, students will serve as gatekeepers and decision makers (assignment editors, chief photographers, web producers, head writers, segment producers, anchors and program producers) for a weekly newscast and other student multimedia news efforts. The instructor and students will discuss journalistic, ethical, legal, societal and professional perspectives and challenges presented by these real-world journalistic decisions. Prerequisite: JOUR 304.

JOUR 446 History of Documentary Cinema

3 credits

In the course students will review the history of documentary film and profile innovative documentary filmmakers.

Students will view and analyze major works within the context of major film theories, as well as a wide variety of documentary archetypes, styles, and methods. The films and filmmakers profiled in the course represent a diverse sampling of modern world cultures. This course is cross-listed with CINE 301 and JOUR 546.

JOUR 447 Electronic Media Management

3 credits

This course will introduce students to the fundamental theories and concepts of management in the media industry. Students will demonstrate their understanding of these concepts through projects, case studies and management simulations. Prerequisites: Junior or Senior Standing.

JOUR 453 Social Media Crisis & Strategic Communications

3 credits

The purpose of this course is to examine strategic communication practices throughout the stages of a crisis event. Special emphasis is placed on crisis planning, media relationships, image restoration, legal and ethical responses, and the use of social media in news reporting, especially during a crisis. Students will examine recent crises and the proper management of information flow. The course will also cover communications impact of crises on employees, communities, shareholders, donors and government publics. Emphasis will be placed on how to effectively handle a social media crisis and use social media to report on a crisis. Students will also learn how to write and implement social media policies, both for employees and users. Dual listed with JOUR 522. Prerequisite: JOUR 306

JOUR 455 Multimedia Capstone

3 credits

This course will serve as a capstone to those in the Multimedia major. The course will be conducted in a workshop format, with students producing an interactive multimedia project as a final portfolio piece. Components of the project may include text, Web design, video, audio, graphic design and interactive media design. Prerequisite: 75+ Credits , JOUR 215, JOUR 220, JOUR 280, GRID 307, JOUR 365 or permission.

JOUR 463 Social Media Analytics & SEO

3 credits

This course will teach students how to prove return on investment (ROI) to clients by understanding and evaluating analytics. In addition, students will learn search engine optimization best practices to further increase a brand's social media ROI. Students will have a deeper understanding of the principles and how to measure and prove the ROI of social media and a working knowledge of various industry-standard analytics tools. Students will write social media reports for clients based on ROI and analytics results. Dual listed with JOUR 564. Prerequisite: JOUR 306.

JOUR 465 Mass Media History

3 credits

This course details the development of journalism in print, electronic, and digital media form international roots through the developmental history of the professions, primarily in the United States. Business (advertising and subscription), noncommercial and other models of support for news gathering and dissemination will be traced and analyzed. Development of the philosophical construct of free speech will be explored, as will the role and significance of free expression to politics, governance, social systems, cultural expression, diversity, and economic activity.

JOUR 470 Technology Mediated Communication

3 credits

Examination of technology mediated communication with special attention to the role of communication technology in diverse settings ranging from interpersonal to group communication, organizational communication, and business communication. Emphasis is placed on strategies for communication problem solving in mediated contexts. Dual Listed with JOUR 516.

JOUR 471 Global Communication

3 credits

The information and communication technologies revolution generates a flow of global communications that transcend national boundaries. This course focuses on the emergence and growth of communication channels and networks that operate on a global scale. Emphasis is placed on the opportunities for human communication brought by globalization, such as opening new communicative spaces, increasing social interconnectedness, adding platforms for participation and challenges associated with the global-local divides. Enables students to improve their ability to communicate and use technology effectively and appropriately in an increasingly globalized world. Dual Listed with JOUR 517.

JOUR 472 Communication, Technology, and Culture

3 credits

This course is for students who wish to attain a comprehensive vision of communication and broaden their perspectives across the traditional fields. It explores the intersection of communication, technology and culture with a focus on six major areas: information, networking, socialization, identity, entertainment, and globalization. Covers issues such as technological determinism, social shaping of communication technologies, identity formation, cultural transnationalism and globalization. Dual listed with JOUR 545.

JOUR 473 Social Media Campaigns**3 credits**

Students will research, write and implement advanced social media concepts including analytics, advertising, activism, influencers and budgets. Social media for journalists will be emphasized. Students will either work directly with business or nonprofit clients to plan and execute a social media campaign or publish an advanced social media journalism project. Dual listed with JOUR 573. Prerequisite: JOUR 306.

JOUR 490 Journalism Capstone**3 credits**

Students apply their cumulative skills in the creation of long-form, well researched, multiple-source journalism for web and/or multiplatform delivery. During the course, students work in consultation with the instructor to create their individual projects. Students also finalize their individual portfolios that includes the projects created for this class. Prerequisite: Senior Standing.

JOUR 497 IMC Agency**3 credits**

Students will work in a student-run agency model to plan, research and construct integrated communications campaigns for local nonprofit, business or civic organizations utilizing advertising, public relations, direct communications and promotions. Students will assume agency job titles and descriptions and will demonstrate mastery of communications theory/practice, processes and techniques, and agency management. The course will also serve as a valuable portfolio for employment. The major goal of the course is to put to work learned advertising, public relations and marketing principles and theories with an emphasis on researching, writing and producing solid integrated marketing communications plans and tactics. Prerequisites: Completion of all School of Communication and PRAD required core courses.

JOUR 194, JOUR 294 Special Topics (CORE)**3 credits****JOUR 295, JOUR 395, JOUR 495 Special Topics I, II, III****1-6 credits**

Courses on subjects currently at issue or of interest to faculty/students and the media. Examples may be trends, experimental topics, integrated fields, new technologies or important areas not covered by previously listed courses, such as multiculturalism, informational graphics or audio-visual techniques. Topics are selected by the department with regard to student/faculty input and current perceived needs.

JOUR 296, JOUR 396, JOUR 496 Independent Study I, II, III**1-6 credits**

The student independently studies subjects in the field not taught but of special interest to her or him and within the expertise of a supervising faculty member. A well-developed, written proposal from the student and agreement of an appropriate faculty supervisor are needed before registration. A final research paper or project is required. Prerequisite: Permission of faculty supervisor and chair. Special Request Independent Study Fee: \$65 per credit.

LEADERSHIP**LEAD 110 Introduction to the Study of Leadership****3 credits**

Lays the foundation for an academic study of leadership as a process in organizations. Key terms, concepts and theories are presented and examined to serve as tools for subsequent analysis and application. Considerable attention is given to the historical evolution of leadership as a focus of study as well as individual, situational, transactional and transformational approaches.

LEAD 140 Leadership Skills**3 credits**

Provides students with feedback on their own leadership style through leadership instruments, exercises and feedback. Course will include measurement and skill development in personality, critical thinking, decision-making, communication, conflict-management, contingency leadership (LPC), and other key areas.

LEAD 210 The Face of Leadership**3 credits**

This is a highly interactive course that allows the student to explore the phenomenon of leadership through film, theater, and literature (novel, poetry, epic, history, and biography). Students will view selected works through the lens of current models of organizational leadership in order to make statements, evaluations, and prescriptions for their own practical application of leadership. Students may be asked to spend time out of the classroom viewing films or attending productions at the Pittsburgh Playhouse. Prerequisite: LEAD 110.

LEAD 215 Introduction to Interpersonal Communications for Leaders**3 credits**

This course introduces communication theory, models and application. Students will explore and identify personal

style, assess impact and opportunities for communicating across perceived barriers.

LEAD 305 Organizational Communications for Leaders 3 credits

This course offers leadership students the opportunity to examine how leaders in organizations share information with members of the internal community and with those outside of the organization. Communication styles as they relate to leadership roles within the organization are discussed as well as using communication to facilitate change with an organization. Topics will include effective personal communication skills, audience analysis, written and electronic communication and the development of successful listening skills.

LEAD 312 Leadership: Confluence of Emotional and Cultural Acumen 3 credits

Students will explore the concepts of emotional intelligence and cultural intelligence and consider their level of EI/CI as they complete instruments, exercises and gain insight on the various styles of leadership that do not sacrifice the essential connections that binds a network or system of people. This course will facilitate students in understanding, recognizing, and honing these skills as well as the application of EI/CI to advancing organizational change.

LEAD 315 Leading Organizational Change 3 credits

Examines the role of the leader as change agent within an organization. Students will develop mastery in visioning, the action-research process, strategic leadership, consensus building, conflict management, overcoming resistance to change, performance evaluation, and selected organization development interventions.

LEAD 317 Understanding Gender and Power: Gender, Dynamics in Leadership 3 credits

This course explores four frames of gender: (1) fix women, (2) celebrate differences, (3) create equal opportunities, and (4) revise the work culture. Leadership majors will explore the nuances of gender in the workplace; looking not only at women's issues - gender will be viewed as a central organizational element and the implications for women, men and how the meaning of work is being (re)defined. Students will examine how power is used and the dis-interpreted in the context of women: women as well as men: men, and women: men; on how career-goals and strategies are developed, and how the changing roles of women and men are impacting the essence of work, health benefits and more.

LEAD 405 Leadership Skills for Emerging Leaders 3 credits

Provides students with feedback on their own leadership style through leadership instruments, assessments and exercises. Course will include measurement and skill development in personality, critical thinking, decision-making, vertical and horizontal communication strategies, leader communication styles within the context of leadership and organizational models, conflict-management, with attention to critical aspects of growth, change, adult development, underlying abilities, and competencies needed to lead effectively in diverse organizations.

LEAD 410 Ethical Leadership: Challenges Facing 21st Century Leaders 3 credits

This source incorporates organizational studies and ethical leadership challenges; includes exploration of leadership challenges within multinational organizations. Students will examine the codes of ethics found in various organizational environments, consider the complexity of multinational organizations and cultural expectations, and the impact of moral values on decisions in the organization with emphasis on the ethical dilemmas that leaders and followers face-including political, legal, social, and environmental issues.

LEAD 415 Systems Thinking for Emerging Leaders 3 credits

Demonstrates the interdependency of the human-eco system, the necessity for leaders to understand complexities, and the need to discern and convey simplicities. This introduction to systems thinking requires a holistic frame of reference that will facilitate leadership students' peel away at the layers of perceptions, anchors, and self-inflicted barriers.

LEAD 417 Problem-solving and Strategic Planning Techniques for Leaders 3 credits

Analyzes the role and responsibilities of leaders in the development of organizational strategic initiatives. Leadership students have an opportunity to learn how decision and choice theory are applied to problem identification and problem solving, assessing both individual and organizational needs, the alignment of human and capital resources, organizational climate, and the identification of key actors and stakeholders within an organization to develop and implement strategic initiatives.

LEAD 445 Career Development and Succession Strategies for Leaders 3 credits

In this course, students will analyze the role and responsibility of leaders in creating talent-driven cultures and research organizations that employ strategic, systematic strategies designed to develop leadership competencies. Based on research, assessments and feedback, students will present their leader-portfolio and talent-driven model.

LEAD 460 Leading in the Metanational Environment**3 credits**

Metanational organizations view the world as a global canvas with pockets of technology, market intelligence, and dynamic capabilities. Leaders of these organizations see untapped potential and innovate more effectively. Leadership students will examine the strengths of this acumen; learn what it means to prospect and attract new pockets of dispersed knowledge, leverage innovation, and optimize integrated networks. Leadership students will learn about the inter-relationships of various organizations, agencies and international networks.

LEAD 194, LEAD 294 Selected Topics (CORE)**1-6 credits****LEAD 395, 495 Special Topics in Leadership****3 credits****MARKETING****MKTS 205 Principles of Marketing****3 credits**

This foundational marketing course introduces students to the principles and practices of marketing, including core marketing concepts, the marketing mix, the marketing environment, business and consumer markets, marketing research, marketing technology, and marketing planning. Students will explore marketing careers and gain an understanding of the dynamic role of marketing in an organization and in society.

MKTS 206 Professional Selling**3 credits**

This foundational selling course takes a holistic approach to selling and the sales process, emphasizing sales strategies and techniques from a need-satisfaction perspective. Topics will include sales careers, the role of sales in an organization, communication and influence skills, ethics and social responsibility, and the selling process. Students will have an opportunity to apply the selling process, including pre-call research, prospecting, uncovering needs and buying motives, presenting sales messages, negotiating, and gaining commitment through exercises and role-plays. Prerequisite: MKTS 205

MKTS 210 Digital Marketing**3 credits**

The internet and related technology skills are required by most business today – particularly in the realm of marketing. You'll learn the basic language of the online marketing ecosystem including advertising, search engine optimization/management, analytics, content development/deployment and social media. This is a hybrid course, combining online learning with in-person implementation of learning with real clients during our class time. Dual Listed with SAEM 210. Prerequisites: SAEM 202 or MKTS 205.

MKTS 280 Marketing Career Prep**1 credit**

This class will prepare students for entry into the professional world of marketing and sales by developing foundational skills in interviewing and marketing themselves utilizing resumes, cover letters, social media, and e-portfolios. Prerequisites: Marketing & Sales Major, MKTS 205.

MKTS 304 International Marketing**3 credits**

An introduction to the tools and techniques for successful competition in the international marketplace. Clarification of such issues as marketing objectives; environmental and competitors' analyses; and product, pricing and promotion strategies applicable to a variety of national settings. Prerequisite: MKTS 205, BMGT 303.

MKTS 305 Buyer Behavior**3 credits**

Understanding decision processes and the buying behavior of consumers and organizations guides development of marketing and sales initiatives. In this course, concepts, theories, and frameworks will be introduced to understand buyer behavior and its implications for marketing and sales decision-making. Prerequisite: MKTS 205

MKTS 306 Advanced Selling**3 credits**

Building on the foundational class, this course will focus on advanced instruction in selling techniques with an emphasis on needs analysis, buying motives, influence, and creative problem-solving, preparing students for success in entry-level professional selling positions. It will provide an opportunity for students to apply selling skills through extensive role-playing and practical application. Prerequisites: MKTS 205, MKTS 206.

MKTS 310 Personal Branding & Business Development**3 credits**

Marketing and selling oneself is important in many aspects of personal and professional development, particularly

in the fields of marketing and sales. In this course, students will build their own professional personal brand and conduct business with appropriate and expected etiquette. Marketing and sales concepts and theories, including the marketing mix and sales process, will be used for personal brand development and business development. Prerequisites: MKTS Major, MKTS 205, MKTS 206.

MKTS 311 Marketing Research and Analytics

3 credits

This course emphasizes the role of systematic information gathering and analysis for marketing decision-making with an emphasis on the analysis and interpretation of primary and secondary data. Principles of marketing analytics will be covered, with a focus on translating data into meaningful business insights and strategy. Data privacy and ethics will also be considered. Case studies and/or client-based projects will be utilized. Prerequisites: MKTS 205

MKTS 320 Creativity and Product Innovation

3 credits

Innovation is essential to the long-term success- and even survival- of most organizations. Effective, ethical marketing offerings solve problems and satisfy needs, and ongoing product development efforts require creativity and innovation. This course introduces and explores innovation as a management process, investigating the role of creativity in innovation, value creation through innovation and product development, and the product development process. Prerequisite: MKTS 205

MKTS 355 Internship I

3 credits

Internships provide students with hands-on experience in marketing/sales. Students gain practical experience, enhance skills learned in the classroom, and acquire professional contacts. Qualifying internships include on-site professional marketing and/or sales experiences in commercial, institutional, governmental, or not-for-profit organizations. Specific requirements and methods of evaluation will be determined by the supervising faculty and the internship site supervisor at the cooperating site. Reporting requirements may include daily journal entries or weekly/biweekly updates, and a portfolio or final report, along with internship site supervisor evaluations. A three credit internship is equivalent to a minimum 150 hours of work over the course of a semester. To receive credit, students must register for an internship course period to the start date of their internship. Prerequisites: MKTS 205, 206

MKTS 356 Internship II

3 credits

Internships provide students with hands-on experience in marketing/sales. Students gain practical experience, enhance skills learned in the classroom, and acquire professional contacts. Qualifying internships include on-site professional marketing and/or sales experiences in commercial, institutional, governmental, or not-for-profit organizations. Specific requirements and methods of evaluation will be determined by the supervising faculty and the internship site supervisor at the cooperating site. Reporting requirements may include daily journal entries or weekly/biweekly updates, and a portfolio or final report, along with internship site supervisor evaluations. A three credit internship is equivalent to a minimum 150 hours of work over the course of a semester. To receive credit, students must register for an internship course period to the start date of their internship. Prerequisites: MKTS 205, 206, 355

MKTS 395 Special Topics in Marketing and Sales

3 credits

MKTS 406 Sales Management

3 credits

Effective sales management is integral to an organization's success. This course provides a framework for the integration of sales within the organization's overall marketing effort. Emphasis will be placed on designing, organizing, developing, and directing a sales force ethically and responsibly, with a focus on problem-solving and critical thinking. Prerequisites: MKTS 205, MKTS206.

MKTS 410 Technology/Innovation in Mktg. & Sales

3 credits

In marketing and sales, both strategy and implementation are significantly impacted by technology and digital tools, and this course will explore new and existing technologies to better prepare students to enter these dynamic fields. Prerequisites: KTS 205, MKTS 206.

MKTS 411 Advanced Marketing Management

3 credits

Planning and coordinating a dynamic and aggressive marketing campaign and synthesizing the tools of marketing. Prerequisite: MKTS 205 and Senior Standing

MATHEMATICS

MATH 150 Mathematical Problem Solving

3 credits

This course introduces an overview of the mathematics important in posing, communicating, and solving relevant quantitative problems. Concepts will be emphasized for their essential role in solving problems encountered in the modern professional world and in other academic fields with emphasis on theoretical, logical and technological methods. Specific topics from the fields of algebra, number theory, finance, probability, and statistics will be explored.

MATH 155 General Mathematics

3 credits

A general mathematics course dealing with topics such as descriptive statistics/probability, geometry, estimation/measurement, percents/decimals/rational numbers, as well as other selected topics. Prerequisite: MATH 150.

MATH 165 Basic Algebra

3 credits

Basic algebra including fundamental operations on numbers and polynomials, linear equations and inequalities, the Cartesian coordinate system and graphs, and systems of two linear equations. Also factoring techniques, fractions, fractional equations and laws of integer exponents.

MATH 175 Elementary Statistics

3 credits

Data analysis and charts, rules of probability, conditional probability, distributions, random variables, sampling, confidence interval estimates, hypothesis testing, regression and correlation. Students enrolling in this course should have a background in college preparatory algebra, including high school Algebra I and Algebra II or equivalent.

MATH 180 College Algebra

3 credits

This college level algebra course includes the study of linear, polynomial, rational, radical, quadratic, exponential, and logarithmic functions and their graphs. Other topics include inequalities, factoring, systems of equations, complex numbers, and applications. Students enrolling in this course should have a background in college preparatory algebra, including high school Algebra I and Algebra II or equivalent.

MATH 181 Pre-Calculus

4 credits

This course introduces the foundations of analysis necessary to precede the calculus sequence with emphasis on college algebra and trigonometry including the properties and graphs of linear, polynomial, rational, exponential, logarithmic, trigonometric functions and inverse trigonometric functions. It will also include solving equations, trigonometric identities and complex numbers. Prerequisite: College Preparatory Algebra, Geometry and Trigonometry.

MATH 185 Trigonometry

2 credits

Includes trigonometric functions, inverse functions, trigonometric identities, reduction formulas, half and double angle formulas, solutions of triangles and other applications. Prerequisite: MATH 150 or MATH 165 or College Preparatory Algebra.

MATH 190 Calculus I

4 credits

Functions and limits, the derivative and its significance, differentiation of algebraic functions, applications to rate of change and optimization problems; the integral, area, averages and elementary integration techniques. Prerequisites: MATH 180.

MATH 210 Calculus II

4 credits

Basic applications of the integral, derivative and integral of exponential, log and trigonometric function, techniques of integration, indeterminate forms. Prerequisites: MATH 185, MATH 190.

MATH 220 Discrete Mathematics

3 credits

Logic, sets, mathematical induction, relations, functions, Boolean algebra and rudiments of combinatorics and graph theory are covered. Prerequisite: MATH 180.

MATH 230 Linear Algebra I

3 credits

System of equations, Gaussian procedure, matrix algebra, determinants, geometry of two and three dimensional vectors, vector space \mathbb{R}^n , subspaces, linear independence and spanning, basis and dimension, eigenvalues and eigenvectors. Prerequisite: MATH 190.

MATH 300 Calculus III

4 credits

Sequences and series, polar coordinates, two and three dimensional vectors and curves, functions of several variables,

partial differentiation, multiple integrals and applications. Prerequisite: MATH 210.

MATH 310 Differential Equations

3 credits

First order differential equations, linear differential equations, series solutions and transform methods. Prerequisite: MATH 210.

MATH 320 Linear Algebra II

3 credits

Vector spaces, linear transformations and matrices, bilinear forms, inner product spaces, diagonalization and functions of matrices. Prerequisite: MATH 230.

MATH 330 Mathematical Statistics

3 credits

A calculus-based course covering permutations and combinations; random variables; basic, discrete and continuous distributions; expected values and moments; sum of independent identical random variables; and selected topics on statistical estimation and inference. Prerequisite: MATH 210.

MATH 340 Modern Applied Algebra

3 credits

Introduction to semigroups, groups, rings, fields and algebras with emphasis on applications to the theory of computation. Prerequisites: MATH 220, MATH 230.

MATH 410 Geometry

3 credits

Geometry from an advanced viewpoint including a historical analysis of axiomatic systems and the relationship between geometry and other areas of mathematics. Topics include a rigorous treatment of classical Euclidean geometry incorporating postulate development, problem solving, and construction proofs in two and three dimensions, coordinate geometry, and the introduction of non-Euclidean geometries, such as elliptic and hyperbolic. Prerequisites: MATH 185, MATH 220.

MATH 194, MATH 294

Special Topics (CORE)

3 credits

MATH 296, MATH 396, MATH 496 Independent Study in Mathematics I, II, III

1-6 credits

Special Request Independent Study Fee: \$65 per credit.

MATH 499 Honors Internship in Mathematics

1-6 credits

Available to qualified students as a practicum within the University or in conjunction with an external agency. Requires regular progress reports and a final paper. May be repeated for credit. Prerequisites: Consent of an instructor to act as a sponsor, acceptance by an agency if applicable, approval of the department chair, an overall G.P.A. of 3.30 and a departmental G.P.A. of 3.50.

MECHANICAL ENGINEERING

ME 101 Statics

3 credits

Introduction to mechanical engineering through the study of the equilibrium of particles and rigid bodies using trigonometry and vector analysis. The ability to compose complete free body diagrams is strongly emphasized. Vector methods are employed to investigate forces and moments in planar and three-dimensional problems. Pin jointed frames are analyzed using the method of joints and the method of sections. Problems involving friction and systems of cables and pulleys are solved. Properties of area including centroid first moment and second moment complete the course. Co-requisite: MATH 181.

ME 102 Dynamics

3 credits

The kinematics and kinetics associated with the simple or complex motion of particles and rigid bodies based upon the principles of the differential and integral calculus. Kinematics involves analysis and quantification of position, velocity and acceleration of the body. Kinetics involves applied force, momentum, potential and kinetic energy, impulse and moment of momentum. The course includes extensive coverage of ballistics, relative motion and central force field problems. Prerequisite: ME 101. Co-requisite: MATH 190.

ME 212 Properties of Materials

3 credits

A study of atomic and crystalline structure as a means of understanding material behavior. The influence of defects, strengthening mechanisms and heat treatment are examined. Mechanical strength properties in tension, compression and

shear are examined along with the testing means used to determine these properties. Hardness and impact strength and related test procedures are investigated. The iron-carbon phase diagram is studied in the context of selecting the appropriate heat treatment procedure. In addition to metals and alloys coverage extends to ceramics, plastics and composites. Prerequisites: CHEM 101, CHEM 103.

ME 213 Strength of Materials

3 credits

The analysis of tensile and compressive plane stress, shear stress and bearing stress. The compounding of plain and shear stresses in rectilinear coordinates. Rotation of a system of stresses about a single axis leading to equations for the zero sums of forces and moments along and about the remaining principle axis (Equilibrium). Production of equations for the maximum and minimum principle stresses, maximum shear stress and the principle planes to which these are normal and tangential respectively. Formation of Mohr's circle as a graphical means of analysis. Use of the von Mises criterion. Examination of shear stress and angle of rotation due to torsion. Examination of tensile, compressive and shear stresses due to bending production of shear stress and bending moment diagrams. Formation of the equation of the elastic line and its use in determination of displacement and rotation at a point along beams with concentrated and distributed loads and with simple and fixed supports. Beams with more than two supports. The stability of columns. Stress and displacement of thin wall and thick wall cylinders under internal pressure. The study of shrink fits. Prerequisites: ME 101, MATH 210.

ME 214 Strength of Materials Lab

1 credit

Introduction to materials testing including tension, compression, ductility, hardness, modulus of elasticity in tension and torsion, shear strength, and beam and column testing. A special assignment, including a written report and an oral presentation, is required.

ME 215 Thermodynamics

3 credits

The kinetic theory of gases is used to generate the ideal gas law and the law for adiabatic expansion and compression. For adiabatic processes a set of six equations and their reciprocals are generated for the following: final pressure in terms of initial pressure and volume ratio, final volume in terms of initial volume and pressure ratio, final pressure in terms of initial pressure and the temperature ratio, final temperature in terms of initial temperature and pressure ratio, final temperature in terms of initial temperature and volume ratio, final volume in terms of initial volume and temperature ratio. Relationships between constant pressure and constant volume specific heats, the characteristic gas constant and the exponent used in the adiabatic relationships are explained. The use of reduced pressure and temperature (actual value divided by critical value) with the Nelson-Obert generalized compressibility chart provides a factor which when used with the ideal gas law becomes the law for real gasses. Gas/vapor mixtures are discussed. Equations for work in constant pressure, constant temperature, polytropic and adiabatic situations are derived and one used along with the concept of internal energy change and heat transfer to form the first law of thermodynamics. The concept of enthalpy is introduced. Potential and kinetic energy effects along with enthalpy changes lead to the first law for a flowing system. Power cycles investigated are the Rankine cycle with superheat and reheat, the Brayton cycle with compressor intercooling reheat and regeneration and the Turbo-Diesel cycle. Refrigeration cycles are the vapor compression cycle and the reverse Porceyton cycle. A brief discussion on entropy and the second law. Prerequisite: MATH 190.

ME 194, ME 294

Special Topics (CORE)

3 credits

ME 320 Kinematics of Machine Elements

4 credits

The course opens with a definition of terms such as "link," "pair," "revolute" and "mobility." The Chebychev-Grubler-Kutzbach equation is justified and is used to find the mobility of an assortment of mechanisms. Equations for the slider position, velocity and acceleration of the inline and offset slider crank mechanisms are produced. Results for velocity and acceleration generated via the differential calculus and via the application of the finite difference method are compared with those obtained from "Working Model" software. Vector analysis and trigonometry are used to produce and equation for the rocker tip position of the four bar crank-rocker mechanism. Again, values for velocity and acceleration gained from the calculus, the finite difference method and from working model are compared. A graphical method is used to justify Grashof's theorem. The straight-line mechanisms of Roberts and Chebychev are analyzed. Cycloidal, involute, epicycloidal and hypocycloidal motions are determined using vector analysis. The importance of involute motion is gear tooth. Interaction is examined. Gear trains using gear and pinion, epicyclic and hypocyclic elements are analyzed to determine speed ratio and rotational direction. Graphical and analytical methods are used to design rotary plate cams which impart simple harmonic or cycloidal motion to various follower types. Wedge cams having tangential circular arc, tangential parabola, cycloidal and simple harmonic profiles are designed. The laboratory component involves teams of two or three students producing two detailed professionally presented reports on offset slider-crank and crank-rocker mechanisms which are designed to a set of specifications. Prerequisite: ME 102, MATH 210.

ME 331 Engineering Design Using Pro/ENGINEER**3 credits**

The course begins with the PowerPoint presentation “Familiarization with Pro/ENGINEER” followed by a simple demonstration by the instructor. Twelve lessons follow a pattern where by instructor demonstration of the Pro/ENGINEER feature which is the topic for the evening, is followed by individual student-instructor interactions until students are competent in the use of the feature. The Extrude feature is used to create an electrical bus-bar, a sports emblem, and a bolt-nut-flat washer combination. The Sketch File feature is also used with the bolt-nut-flat washer combination with the addition of a lock washer. Pattern, Hole, and Mirror features are used to complete the work on the electrical bus-bar. Other exercises include creation of an exploded assembly, creation of a drawing file and creation of datum points. These are followed by the use of the Piping and Sweep features and the creation of an assembly using aligned datum’s. The Blend, Revolve, Chamfer and Suppress features are covered. The course ends with the creation of a drawing having a bill of materials. Three sessions are reserved for examination where the students work without assistance on a model prescribed by the instructor. Prerequisite: ET 204.

ME 405 Heat Transfer**4 credits**

The course begins with a discussion of Fourier’s law governing steady state axial conduction. The law of continuity is used to expand this into the Poisson equation in rectilinear coordinates, which describes the special temperature field resulting from transient heat flow in three dimensions with internal heat generation. Analytical techniques are limited to solutions involving only two of the four independent variables (three spatial plus temporal). A wide variety of problems are solved including those for which the cross sectional area of the conductor is variable and for which thermal conductivity varies as a function of temperature. The Poisson equation is next derived in polar coordinates. This leads to solutions to conduction problems involving cylinders and annuli with or without internal heat generation. The study of the extended surface provides equations for temperature distribution along the length of a fin and for fin efficiency. The study of convective heat transfer begins with the use of Buckingham Pi theorem to show the importance of Reynolds number and the Prandtl number. Correlations for convective heat transfer within conduits and external to surfaces are presented and discussed. In problem solving, the emphasis is on turbulent flow situations. Our work on convection culminates with the design of a shell and tube heat exchange where the concept of log-mean temperature difference is introduced. Our work on radiative heat transfer leads to an equation for an effective heat transfer coefficient when surface temperature changes as a function of time, as in the case for the cooling of steel or aluminum ingots or strip. A conclusive section involves the treatment of nucleate boiling where micro-convection dominates and with film boiling which can lead meltdown. Prerequisite: MATH 310.

ME 406 Heat Transfer Lab**1 credit**

This course provides a means of verifying various elements of heat transfer theory through experiments in conduction, convection, and radiation for gasses and/or liquids. Comprehensive reports are required. Prerequisites: ME 215, ME 405

ME 411 Fluid Mechanics**3 credits**

The course begins with a study of fluid statics. This includes buoyancy and the criteria for stability of buoyant objects. The relationship for hydrostatic force on a submerged surface along with the determination of center of pressure is used to solve problems involving vertical and inclined sluice gates. Hydrostatic forces on curved surfaces are determined. Moving into fluid dynamics Bernoulli’s equation for incompressible flow is generated and is applied to the determination of static, dynamic and stagnation pressures. It is shown that the general energy equation for steady flows reduces to Bernoulli’s equation if terms representing work input and mechanical losses are eliminated. Analysis of hydroelectric power generation is a typical application of the general energy equation. The Buckingham Pi theorem is used to show the importance of Reynolds number in the determination of frictional pressure loss for flow within a conduit. The equation for pressure loss in laminar flow is generated. For turbulent flow the friction factor is determined empirically using for example the Colebrook equation. The concept of relative surface roughness is introduced. The Moody chart is presented. Dynamic head losses are covered for entries, exits, elbows and transitions. Simple piping networks are analyzed. The characteristics of various types of pump are presented. The concept of specific speed is introduced and is used for selecting the best type of pump for a particular application. For external flow the relationships for drag and lift are presented. Appropriate application of a fan, a blower or a compressor for a particular air moving situation is the concluding event of the course. Prerequisites: ME 102, MATH 190.

ME 412 Fluid Mechanics Lab**1 credit**

Introduces students to the special tools used by the fluid power industries and the manual skills required in implementing fluid mechanics applications. Special techniques in flow measurement and implementation. ME 411.

ME 416 Mechanical Vibrations**3 credits**

The course begins with consideration of a simple, unforced, helical spring-mass system. Free body diagrams (FBD) for the unloaded, static and dynamics conditions are used to produce an equation for the net force acting on the mass. This

force is separately determined via inertial analysis. Together the FBD and inertial relationships form the differential equation of motion. The “D” operator method is used to produce the solution in terms of imaginary exponentials and the Euler equations are used to convert the solution to one in terms of Sines and Cosines. Initial values of displacement and velocity are used to determine coefficients which stem from the constants of integration. With minor variations the above process towards a solution is followed in more complicated situations involving damping, forcing and multiple degrees of freedom. Rotational vibrations of torsion bars and leaf springs are analyzed. A short exercise in fluid mechanics is used to show that mechanical energy extraction by a hydraulic damper is dependent upon mass velocity. Solutions to unforced arrangements involving springs and dampers with a single mass are solved using the equivalent system and torsion analysis approaches. When a spring mass damper system is subjected to continuous forcing the differential equation of motion is seen to have a complementary function part which involves system characteristics and a particular integral part which involves forcing function form. The solution is seen to have a part which decays with time and a steady state part. The latter part is emphasized and the method of undetermined coefficients is used as a means of solution. The phenomena of beats and resonance are examined. The Duhamel integral is used in solutions when forcing exists over an initial finite interval. Matrix methods are applied to solve the coupled set of equations of motion resulting from unforced multi-mass systems. The course closes with the examination of situations involving both linear and rotational coordinates. Prerequisites: MATH 230, MATH 310.

ME 421 Machine Design, Theory and Project

4 credits

The course begins with a review of basic strengths of materials including plane stress, shear stress, stresses due to bending and torsion and the stability of columns. Further work includes the generation of equations for principle stress and maximum shear stresses resulting from the compounding of bending and torsional stresses. The von Mises criterion is presented. Rayleigh’s equation for the critical speed of shafts carrying gears is developed and the method is applied to systems having three concentrated loads with two bearings. Bearings might be of the sleeve or spherical roller type. A shaft design project requires that students draw from their knowledge of dynamics and strength of materials to determine the required diameter of a shaft which is subject to bending and torsion and must transmit a specified power using a given safety factor. The critical speed of the system is determined. Stresses are determined for thin walled and thick walled cylinders which are subject to internal pressure. This work is extended to deal with concentric cylinders and shrink-fits. Keys and keyways are designed using maximum shear stress and maximum bearing stress criteria. Belt drive systems are designed with consideration of lifting systems includes those using acme power screws and those using ball screws. Drum brakes, disc brakes and clutches are designed. The course closes with work on proper choice of electric motors for a given application. Prerequisites: MATH 210, ME 102, ME 213, ME 320.

ME 424 Finite Element Analysis

3 credits

The course begins with the generation of the stiffness matrix for systems of springs and cables in series or parallel connected form. Rotation of axes permits rigid element to be pin jointed to form a truss. The stiffness matrix of each member is written in terms of the global “x” and “y” axes of the truss to form the global truss stiffness matrix. Loads and supports are applied to nodes (the pin joints) to form a force vector. A vector representing the “x” and “y” displacement at the nodes is written. By Hook’s law the scalar multiplication of the stiffness matrix into the displacement vector is seen to equal the force vector. After a review of bending theory the FEA method is applied to simply supported and built-in beams to form the beam stiffness matrix. Using the work equivalence concept, synthetic loads and moments are applied at the nodes to represent real distributed loads that exist between the nodes. Symmetry is used where applicable. The work on frames is combined with the work on beams to form the stiffness matrix for each element of a rigidly jointed planar structure. After globalization and the formation of a vector of applied forces and moments, the system is solved to yield a vector of “x” and “y” displacements and rotations at every node. Following a review of torsional theory the FEA method is applied to grid structures for which the loading gives rise to twisting and bending. Again a stiffness matrix for a grid element is generated. Following globalization vectors are formed for forces and moments and for displacements and rotations. Solution yields displacements and rotation at the nodes. After a review of Fourier’s and Poisson’s equations for heat conduction the calculus of variations is used to form conductance matrices and heat flux vectors for a variety of multi element heated or cooled objects for which nodal temperatures must be determined. Internal heat generation is accounted for. Boundary conditions include adiabatic, applied heat flux and convective heating or cooling. Prerequisite: MATH 230, MATH 310, ME 213, ME 405.

ME 425 FEA and ANSYS

2 credits

The course begins with an overview of the finite element method followed by an exploration of the ANSYS interface and ANSYS help facilities. Key points in a plane are established and are connected to form a truss. Constraints and loads are applied. The displacement of key points (nodes) under the loaded condition are determined. Meshing methods are introduced and are applied to plates. Plane stress and plane strain are determined for plates that are subject to a variety of loading conditions. Axisymmetric problems are introduced. These include analysis of stress in the shell of a cylindrical vessel which is subject to internal or external pressure loading. Key points in three dimensions are established and are

connected to form a three dimensional structure. Plates are applied to the structure and are meshed. Constraints and loads are applied. The stress and strain pattern over the structure is produced. Beams that have simple and built-in supports are subjected to concentrated and distributed loads. Displacement and rotation at selected nodes are established. Application of ANSYS to problems in heat transfer includes axisymmetrical and asymmetrical objects that are subject to a variety of surface heat flux and convective cooling conditions. Radiative boundary conditions are also applied. The object might also have internal heat generation. Steady state and transient situations are examined. Co-requisite: ME 424.

MECHANICAL ENGINEERING TECHNOLOGY

MET 101 Statics

3 credits

The study of the equilibrium of particles and rigid bodies using mathematical and/or graphical analysis. Free-body diagrams are strongly emphasized. Vector methods are employed to investigate forces and moments in planar and three-dimensional problems. Pin jointed trusses and frames are analyzed using the method of joints and the method of sections. Problems involving friction and properties of area including first moment, centroid and second moment complete the course. Dual listed as CET 101. Prerequisite or co-requisite: MATH 185.

MET 102 Dynamics

3 credits

The kinematics and kinetics associated with the simple or complex motion of particles and rigid bodies based upon the principles of the differential and integral calculus are investigated. Kinematics involves analysis and quantification of position, velocity and acceleration of the body. Kinetics involves applied force, momentum, potential and kinetic energy, impulse and moment of momentum. There is extensive coverage of ballistics, relative motion and central force field problems. Prerequisite: CET/MET 101.

MET 212 Properties of Materials

3 credits

A study of atomic and crystalline structure as a means of understanding material behavior. The influence of defects, strengthening mechanisms and heat treatments are examined. Mechanical strength properties in tension/compression, shear, hardness and impact and related test procedures are investigated. The Iron-Carbon phase diagram is studied. Coverage also addresses ceramics, plastics and composites. Dual listed as CET 212. Prerequisite: CHEM 101.

MET 213 Strength of Materials

3 credits

The study of stress and strain, deformation, riveted and welded joints, thin-wall pressure vessels, torsion, shear and stresses in beams, design of beams, deflection of beams, Mohr's circle and columns. Reference to applications for civil and mechanical engineering technology. Dual listed as CET 213. Prerequisites: MET 101, MET 212; Prerequisite or co-requisite: MATH 190.

MET 214 Strength of Materials Laboratory

1 credit

Introduction to materials testing including tension, compression, ductility, hardness, modulus of elasticity in tension and modulus of rigidity in torsion, shear strength, and beam and column testing. A special assignment, including a written report and oral presentation, is required. Dual listed as CET 214. Prerequisite or co-requisite: MET 213.

MET 215 Thermodynamics

3 credits

Topics include the properties of ideal and imperfect gases and two-phase mixtures. All thermodynamics properties such as internal energy, entropy and enthalpy are defined and applied. The concepts of work and heat transfer are examined through a wide variety of problems. The first and second laws are covered from both system and control volume viewpoints, for static fluids and for fluids in motion. Refrigeration cycles, steam cycles and gas turbine cycles are covered in detail utilizing steam tables, gas tables, T-S and P-H diagrams. Prerequisite: MATH 190.

MET 320 Kinematics of Machine Elements

4 credits

Kinematic analysis of displacement, velocity and acceleration is applied to a variety of machine elements, including three-bar and four-bar linkages, cams and gears. Analytical techniques that make extensive use of the differential calculus, are stressed. These are coupled with graphical methods for the design of plate cams. Extensive use is made of commercial software packages including "Working Model®" and "ALGOR® Event Simulator FEA®", in a comprehensive lab component. Prerequisites: CMPS 204; MATH 190; MET 102.

MET 331 Engineering Design Using Pro/ENGINEER®

3 credits

Engineering Design Using Pro/ENGINEER® gives the student the ability to use the most advanced and highly regarded design software. Aspects of the course include sketching, 3D part modeling, 3D assemblies, exploded assemblies

and the creation of manufacturing drawings from the parametric model. Students produce PowerPoint presentations to display completed work. Prerequisite: CMPS 204.

MET 405 Heat Transfer **4 credits**
 A study of the fundamental laws of conduction, convection, boiling, condensation and radiation. Analytical methods are applied to one and two dimensional conduction problems with convective boundary conditions. The foundations of empirical equations for a variety of convection situations are examined using similitude methods to form dimensionless groups such as Nusselt Number. Theory is rigorously reinforced through the solution of many problems. Fundamental laws are applied to the design of variety of heat exchanger types. A heat exchanger design project is included. Prerequisites: ET 204, MATH 210, MET 215. Prerequisite or co-requisite: MATH 310.

MET 411 Fluid Mechanics **3 credits**
 The study of the physical behavior of incompressible and compressible fluids and fluid systems. Hydrostatic and hydrodynamic systems are considered. Fluid transmission and control applications include the design of weirs, orifices and valves. The determination of pressure losses in open and closed systems is covered. Other topics include the storage of energy by pressurized fluids in closed systems. Problems of interest in both Civil and Mechanical Engineering Technology are included. Dual listed as CET 411. Prerequisites: MET 102; CMPS 204; MATH 210.

MET 412 Fluid Mechanics Laboratory **1 credit**
 Introduces students to the special tools used by fluid power industries and the manual skills required in implementing fluid mechanics applications. Special techniques in flow measurement and implementation. Dual listed as CET 412. Prerequisite or co-requisite: MET 411.

MET 416 Mechanical Vibrations **3 credits**
 The study of single and multiple degree of freedom vibration systems. Undamped unforced, damped unforced, undamped forced and systems with both damping and forcing are covered. Spring elements of the helical, torsion bar and leaf spring types are included. Dampers are of the viscous or frictional type. Forcing functions are harmonic or impulsive. The emphasis is on producing the differential equation(s) from the free body diagram and inertial considerations, solution of the equation(s) and application of the solutions to practical problems. Prerequisites: MET 102; CMPS 204; MATH 210. Prerequisite or co-requisite: MATH 230 or MATH 310.

MET 421 Machine Design: Theory and Project **4 credits**
 Analysis and design of a wide variety of machine components. Machine frames are analyzed from compound stress, fatigue stress and deflection viewpoints. Among machine elements that are covered are keys, shrink fits, shafts, power screws, disc and drum brakes, gears, couplings, belt drives and cable systems. A design project is included. Prerequisites: MATH 210; MET 102, MET 213; CMPS 204.

MET 424 Finite Element Analysis (FEA) **3 credits**
 Teaches the use of the finite element method wherein the algorithms for elements subjected to axial forces and bending are developed. Also developed are the algorithms for pin-jointed frames, stiff jointed frames and grid structures. Algorithms for conduction heat transfer with convective boundary conditions and internal heat generation are developed. Problems are solved in all areas of application. Prerequisite: MATH 210. Prerequisites or co-requisites: MET 405, MET 411.

MET 425 FEA with ANSYS® **2 credits**
 This course complements MET 424 (Finite Element Analysis (FEA)). In MET 424 the basic finite element algorithms for elastic members, pin-jointed and rigid-jointed frames, bending of beams, torsional members and grid structures were developed. Also developed were the finite element algorithms for conduction heat transfer with convective boundary conditions. Hand and spreadsheet calculations for simple systems were performed. In MET 425 the student will learn how to use the commercial finite element software ANSYS® to perform analysis of much larger systems. Additionally the methodology for performing stress calculations for plates and shells is presented and applied. Prerequisite or co-requisite: MET 424.

MET 194, MET 294 Special Topics (CORE) **3 credits**

MET 295, MET 395, MET 495 Special Topics in Mechanical Engineering Technology I, II, III **1-6 credits**

MET 296, MET 396, MET 496 Independent Study in Mechanical Engineering Technology I, II, III **1-6 credits**

Special Request Independent Study Fee: \$65 per credit.

MET 499 Honors Internship in Mechanical Engineering Technology 1-6 credits

Available to qualified students as a practicum within the University or in conjunction with an external agency. Requires regular progress reports and a final paper. May be repeated for credit. Prerequisites: Consent of an instructor to act as a sponsor, acceptance by an agency if applicable, approval of the department chair, an overall G.P.A. of 3.30 and a departmental G.P.A. of 3.50.

MODERN LANGUAGES

MLNG 205 Languages of the World

3 credits

This course introduces students to theories of human language. Students will look at how and when speech and writing systems developed, including the history and evolution of various protolanguages. Students will study geographic, political, and sociocultural factors involved in language development and use. The course includes language recognition and analysis activities and directed application of theory. Dual listed with GCS 205.

MLNG 220 French Literature in Translation

3 credits

This course introduces students to French poetry, theater, prose fiction and essays of the 17th through the 20th century, with a special focus on the relationship between the literary and visual arts in France. The art of translation itself is central to our approach to several of the works studied.

MLNG 221 Spanish Literature in Translation

3 credits

The same course format as MLNG 220 but with different texts.

MLNG 228 Eastern European Literature and Culture

3 credits

A study of the literature, culture and history of Eastern Europe. Special emphasis on the effects of Eastern European immigration on American culture and values. Lectures and discussions based on translated literary texts. Dual listed as SOC 228.

MLNG 260 Japanese Culture

3 credits

A study of the culture of Japan with special emphasis on the historical development and underlying dynamics of the Japanese world view. Education, child-rearing, business practices, morality, relationships, language, and the arts will be explained. Dual listed as SOC 260.

MLNG 302 Introduction to Linguistics

3 credits

Provides students with an introduction to broad areas of linguistic theory and inquiry, including an introduction to the study of morphology, semantics, syntax, phonetics, phonology, and historical linguistics. It also includes an introduction to areas included within the disciplines of psycholinguistics and sociolinguistics. Dual-listed as ENGL 302.

MLNG 194, MLNG 294 Special Topics (CORE)

3 credits

MLNG 295, MLNG 395, MLNG 495

Special Topics in Modern Languages I, II, III

1-6 credits

MLNG 296, MLNG 396, MLNG 496

Independent Study in Modern Languages I, II, III

1-6 credits

Special Request Independent Study Fee: \$65 per credit.

MODERN

MOD 101 Supplemental Modern I

1-2 credits

This course provides fundamental instruction in Modern Dance Technique. Students will learn how to put into action a wide range of movement concepts and skills. Instruction provides methods for improving movement organization, efficient and effective strength and stamina building, with a strong emphasis on developing performance skills. Prerequisites: B.A. Dance Major, Not Modern Concentration.

- MOD 102 Supplemental Modern II** **1-2 credits**
 This course is a continuation of MOD 101 and provides level II, instruction in modern dance. Principles learned in term I will be reinforced and students will learn how to adapt them to a wider range of movement. Prerequisites: MOD 101.
- MOD 111 Modern I** **3 credits**
 This course provides fundamental instruction in Modern Dance Technique. Students will learn how to put into action a wide range of movement concepts and skills. Instruction provides methods for improving movement organization, efficient and effective strength and stamina building, with a strong emphasis on developing performance skills. Prerequisite: Freshmen dance major; audition.
- MOD 121 Modern II** **3 credits**
 This course is a continuation of MOD 111 and provides level II, instruction in modern dance. Principles learned in term I will be reinforced and students will learn how to adapt them to a wider range of movement. Prerequisite: MOD 111.
- MOD 201 Supplemental Modern III** **1-2 credits**
 This course continues the study of elementary, level 3, instruction in technical principles and creative aspects inherent to modern dance and contemporary modern dance technique. Prerequisite: MOD 132 or Instructor Placement.
- MOD 202 Supplemental Modern IV** **1-2 credits**
 This course continues the study of elementary, level 4, instruction in technical principles and creative aspects inherent to modern dance and contemporary modern dance technique. Prerequisite: MOD 201 or Instructor Placement.
- MOD 211 Modern III** **3 credits**
 This course is a continuation of MOD 121 focusing on skills that develop spatial awareness, dynamic play, movement organization and strength. Musicality and functional alignment are stressed. Performance skills are introduced. Prerequisite: MOD 121 with a final grade of "C" or better.
- MOD 221 Modern IV** **3 credits**
 This course is a continuation of MOD 211 focusing on skills that develop spatial awareness, dynamic play, movement organization and strength. Musicality and functional alignment are stressed. Performance skills are introduced. Prerequisite: MOD 211 with a grade of "C" or better.
- MOD 291 Modern Dance Repertory I** **1 credit**
 This course offers intermediate students experience in learning modern dance and contemporary modern dance repertory. Instruction includes learning select choreographic material. A wide range of styles and creative approaches will provide students with a diverse palette of choreography that challenges students' range of adaptability. Students will learn about each choreographer's background, historic context, scope of work, and aesthetic development. Emphasis is placed on the role a dancer must play to actualize each selected choreographer's vision and concept. Prerequisites: MOD 121.
- MOD 301 Supplemental Modern V** **1-2 credits**
 Additional studies in Modern. Prerequisite: MOD 202 or Instructor Placement.
- MOD 302 Supplemental Modern VI** **1-2 credits**
 Additional studies in Modern, as continuation of MOD 301. Prerequisite: MOD 301 or Instructor Placement.
- MOD 311 Modern V** **3 credits**
 This course is a continuation of MOD 221 providing skills that develop articulation and dynamic play as related to movement phrasing. Strength, stamina, and quick response to aural and rhythmic variables are refined. Performance skills are further developed. Prerequisite: MOD 221 with a grade of "C" or better.
- MOD 321 Modern VI** **3 credits**
 This course is a continuation of MOD 311 providing skills that develop articulation and dynamic play as related to movement phrasing. Strength, stamina, and quick response to aural and rhythmic variables are refined. Performance skills are further developed. Prerequisite: MOD 221.
- MOD 401 Supplemental Modern VII** **1-2 credits**
 Additional studies in Modern. Prerequisite: MOD 302 or Instructor Placement.

MOD 402 Supplemental Modern VIII

1-2 credits

Additional studies in Modern, as continuation of MOD 401. Prerequisite: MOD 401 or Instructor Placement.

MOD 411 Modern VII

3 credits

This course is a continuation of MOD 321. Class material provides students with a strong aesthetic focus, and fine-tunes personal artistry with regard to technical and performance execution. Students learn to work innovatively with technical terminology in order to execute a wide range of advanced and diverse movement motifs. Prerequisite: MOD 321 with a final grade of "C" or better.

MOD 421 Modern VIII

3 credits

This course is a continuation of MOD 411. Class material provides students with a strong aesthetic focus, and fine-tunes personal artistry with regard to technical and performance execution. Students learn to work innovatively with technical terminology in order to execute a wide range of advanced and diverse movement motifs. Prerequisite: MOD 411 with a final grade of "C" or better.

MUSIC

MUS 101 Music Appreciation

3 credits

Selected compositions to develop an appreciation of music through guided musical experiences, biographical materials and critical comments on composers and modes. Listening experience is provided. Attendance at professional musical performances is required.

MUS 106 Piano Class

1 credit

Music fundamentals and basic theory through keyboard techniques, sight reading and eurhythmics utilizing beginning materials. Recommended for anyone interested in learning to play the piano from the beginning level or refreshing beginning skills. Open to all university students. Strongly recommended for Education and Dance majors.

MUS 111, MUS 112 Private Voice I, II

1 credit

Techniques and principles of vocal performance within a private, one-to-one context. Materials may be selected from the classical, musical theatre or contemporary repertoire according to student level. Includes studio recitals and jury evaluations. Prerequisites: Acceptance to BFA MT program, THEA 116 and audition, THEA 117 and audition. Specialized Instructional Fee: \$560.00.

MUS 113, MUS 114 Private Piano I, II

1 credit

Techniques and principles of piano performance within a private, one-to-one context. Materials focus on piano literature, technique and sight reading skills chosen according to student level. Includes studio and jury evaluations. Prerequisite: MUS 106, or MUS 124, or audition. Specialized Instructional Fee: \$560.00.

MUS 123 Music Theory/Piano/Sightsinging Part I

2 credits

An introduction to music theory through written and aural demonstration, keyboard skills, and sight-singing with particular attention to those skills necessary for musical theatre.

MUS 124 Music Theory/Piano/Sightsinging Part II

2 credits

A continuation of music theory studies through written and aural demonstration, keyboard skills, and sight-singing with particular attention to those skills necessary for musical theatre. Opportunities for private piano study are available upon course completion. Prerequisites: MUS 123.

MUS 201 Point Park University Singers

1 credit

The course may be taken up to four times for credit. The University Singers is open to all majors. A variety of music (classical, pop, jazz, gospel). culminates in a performance each term. Prerequisite: Audition or interview (may be taken for zero credit)

MUS 203 Voice Class I

2 credits

An examination of the processes of singing and speaking in the classroom and other performance/interaction situations. A variety of exercises and materials at both group and individual levels to improve performance/communication skills. Open to all university students. Strongly recommended for Dance majors. NOTE: Each individual student will work at his or her individual level.

MUS 205 Solfège **3 credits**
 A basic approach to music theory through materials of sight singing, aural training and rhythmic dictation. Students are expected to improve skills in analyzing and singing materials at sight. Offered as preparation for further work in music theory.

MUS 206 Music Theory **3 credits**
 Foundations of music fundamentals, analysis of harmonic materials and aural exercises. Opportunities to analyze, criticize and develop original materials. Prerequisites: THEA 123 and THEA 135, or Instructor's Permission.

MUS 211, MUS 212 Private Voice III, IV **1 credit**
 Continuation of MUS 111. Techniques and principles of vocal performance within a private, on-to-one context. Materials may be selected from the classical, musical theatre, or contemporary repertoire according to student level. Includes studio recitals and jury evaluations. Prerequisites: MUS 111, MUS 112. Specialized Instructional Fee: \$560.00.

MUS 213, MUS 214 Private Piano III, IV **1 credit**
 Continuation of MUS 114. Prerequisite: MUS 114. Specialized Instructional Fee: \$560.00.

MUS 220 Musicianship **2 credits**
 A participatory exploration and integration of basic music techniques through a variety of material and styles. Activities may include aural skills, theory fundamentals, introductory song analysis, and ensemble experiences. Opportunities for original composition or other creative work as semester project. Prerequisites: MUS 124 or By Permission.

MUS 223 Ensemble Singing I **2 credits**
 Development of skills necessary for ensemble singing through sight-singing, score analysis and vocal techniques. The course will focus on pre-1970's musical theatre repertoire. Prerequisites: Sophomore standing in Musical Theatre program and minimum C average in MUS123, MUS124 and THEA137.

MUS 224 Ensemble Singing II **2 credits**
 Continuation of MUS 223, with further development of skills necessary for ensemble singing through sight-singing, score analysis and vocal techniques. The course will focus on contemporary musical theatre repertoire. Prerequisites: MUS 223.

MUS 311, MUS 312 Private Voice V, VI **1 credit**
 Continuation of MUS 211, MUS 212. Techniques and principles of vocal performance within a private, one-to-one context. Materials may be selected from the classical, musical theatre, or contemporary repertoire according to student level. Includes studio recitals and jury evaluations. Prerequisite: MUS 212. Specialized Instructional Fee: \$560.00.

MUS 313, MUS 314 Private Piano V, VI **1 credit**
 Continuation of MUS 214. Prerequisite: MUS 214. Specialized Instructional Fee: \$560.00.

MUS 411, MUS 412 Private Voice VII, VIII **1 credit**
 Continuation of MUS 311, MUS 312. Techniques and principles of vocal performance within a private, one-to-one context. Materials may be selected from the classical, musical theatre, or contemporary repertoire according to student level. Includes studio recitals and jury evaluations. Prerequisite: MUS 312. Specialized Instructional Fee: \$560.00.

MUS 413, MUS 414 Private Piano VII, VIII **1 credit**
 Continuation of MUS 314. Prerequisite: MUS 314. Specialized Instructional Fee: \$560.00.

MUS 194, MUS 294 Special Topics (CORE) **3 credits**

MUS 295, MUS 395, MUS 495 Special Topics in Music I, II, III **1-6 credits**

MUS 296, MUS 396, MUS 496 Independent Study in Music I, II, III **1-6 credits**
 Special Request Independent Study Fee: \$50 per credit.

NATURAL SCIENCES, ENGINEERING, AND TECHNOLOGY

NSET 101 Introduction to the Natural Sciences and Engineering Technology 3 credits

An introduction to the professions in Natural Sciences and Engineering Technologies including ethical practices. Software relevant to the natural sciences and engineering technology fields will be utilized to solve practical problems. Additionally, a research project and oral presentation related to these fields will be required.

NSET 110 Introduction to the Natural Sciences 3 credits

An introductory course designed to allow students to explore the basic concepts of physical and space science. Concepts to be covered include kinematics, thermodynamics, electricity and magnetism, waves, atomic structure of elements, radioactivity, the Universe, galaxies, the solar system and life cycle of stars. This course is intended for non-science majors.

NSET 111 Introduction to the Life Sciences 3 credits

An introductory course in the life sciences designed for students who are interested in learning more about cells and the fundamental processes of life. The course is designed to introduce students to concepts, including basic aspects of chemistry as they relate to life, cells, cellular structures and functions, cell division, nucleic acids, Mendelian genetics, proteins, biodiversity and evolution, and human systems. This course is intended for non-science majors.

NSET 122 The Science of Light 3 credits

In this course students will investigate what light is as well as what light does. Our very existence depends on the energy provided by visible and invisible light from the sun, and mankind's continued development of technology to take advantage of the properties of light can be traced back to as early as 1900 B.C.E. The class discussions will be related to the work being done in the laboratory. Through lecture and lab experiments, students explore some of the fundamental properties of light and how these properties are utilized to enrich our lives and define their environments. Experiments in the lab consists of exploring the themes of reflection, refraction, lenses & optical instruments, dispersion, light & color, interference, polarization, diffraction & interference, and other applications.

NSET 130 Owner's Manual for the Human Body 3 credits

A survey of the human body, including the skin, skeleton, and muscles, as well as the respiratory, circulatory, digestive, excretory, nervous, endocrine, and reproductive systems.

NSET 131 Impacts of Microbes and Infectious Diseases on History 3 credits

This course examines the many ways infectious diseases have impacted history. It provides examples of several important infectious diseases that have impacted civilizations, religion, war, immigration and even science. We will aim to reinterpret historical facts in the light of infectious disease and understand how microbes have affected and altered history. The course will cover diseases including The Black Plague, Syphilis, Smallpox, Influenza, Ebola, Mumps and other lesser-known diseases.

NSET 140 Chemistry in Daily Life 3 Credits

This course will present basic chemical concepts without esoteric theories or rigorous mathematical treatments. It will focus on modern day applications of chemistry and emphasizes practical applications of chemistry to solve problems. Demonstrations and practical applications are emphasized.

NSET 160 Environmental Sciences 3 credits

Students will investigate environmental science topics, with a focus on the relationship between humans and their environment. Topics include earth systems and resources, the living world, population, land and water use, energy sustainability, pollution and global change.

NSET 181 Astronomy, Space, and Time 3 credits

This course is an introduction to the science of astronomy and astrophysics-planets, stars, galaxies, the physics of the cosmos, and our relationships to it all. In this course, students will investigate not just the facts of the universe, but how the scientific process is used to find them. Students will examine how we know where and when we are in the universe. Students will learn how stars work, how solar systems form, how galaxies evolve, how astronomers study exotic objects like neutron stars and black holes, and how they measure the distances to all of them. Students will also look at the evidence for how the universe began, its mysterious dark matter and dark energy, how it might end.

NSET 182 Are We Alone? The Search for Life in the Universe 3 credits

Are we alone in the Universe? This course will use this question as a lens to explore astrobiology, the study of life in the universe. Throughout this course, students will apply critical thinking and evidence-based reasoning to come up with their own answer to this mystery. Students will examine key topics in astronomy, geology, biology, chemistry, and other fields to investigate this question from all angles. Ultimately, students will make their own evidence-based conclusions about whether life exists elsewhere in the cosmos, where we might find it, and what it might mean if we don't.

NSET 218 Technical Communication

3 credits

Development of skills in expository writing and speaking for students and professionals in science and technology. The techniques for writing directions, proposals, summaries, reports, and correspondence are covered. Techniques for effective oral presentation are included as well. Writing-in-disciplines class. Prerequisites: ENGL 101; availability of a personal computer with a word-processing program and Internet access; basic computer skills in word processing and use of on-line resources such as the World Wide Web.

NSET 243 Anatomy and Physiology for Dancers

3 credits

A basic study of cell and tissue structure and function of the skeletal, muscular and nervous systems as they relate to kinesiology. Other systems that will be covered are the integumentary, circulatory, digestive, respiratory, excretory, hormonal and reproductive. Emphasis of the course is on the integrating functioning of these systems to maintain homeostasis.

NSET 355, NSET 356 Natural Science and Engineering Technology Internship I, II

3 credits

A faculty member directs students in the preparation of specified papers and reports related to the work experience, evaluates and grades the course and requires summation at conclusion of the work project. Prerequisite: Junior standing.

NSET 455, NSET 456 Natural Science and Engineering Technology Internship III, IV

3 credits

A faculty member directs students in the preparation of specified papers and reports related to the work experience, evaluates and grades the course and requires summation at conclusion of the work project. Prerequisite: Senior standing.

NSET 470 Case Studies in Environmental Science

3 credits

Students in this course will analyze historical and present day case studies in environmental science. They will do this by reading both scientific literature and media reports about a given case. Students will learn to understand both of these approaches to the case and to effectively communicate about environmental science. Prerequisites: NSET 160, Senior Standing.

NSET 490 Funeral Service Capstone

3 credits

Students will synthesize the skills acquired in the Clinical Embalming Practicum Experience at the Pittsburgh Institute of Mortuary Science with coursework in one of the programs in Funeral Service in writing and orally. This course will serve as the Capstone course for all Funeral Service Programs. This course cannot be completed without documentation of successful completion of CL EMB and PIMS.

NSET 194, NSET 294 Special Topics (CORE)

3 credits

NSET 295, NSET 395, NSET 495 Special Topics in NSET I, II, III

1-6 credits

NSET 296, NSET 396, NSET 496 Independent Study in NSET I, II, III

1-6 credits

Special Request Independent Study Fee: \$65 per credit.

PHILOSOPHY

PHIL 100 Introduction to Philosophy

3 credits

The nature of philosophy, its aims, methods and problems, in an atmosphere of questioning such issues as our knowledge of reality, the existence of God, concepts of self-identity, and ethics and morality.

PHIL 103 Introduction to Logic and Scientific Method

3 credits

Principles of precise thinking and techniques of detecting fallacies including the nature and use of language, the methods of definition and of deductive reasoning and the testing of scientific hypotheses.

PHIL 201 Critical Thinking

3 credits

This course studies the strategies, techniques and principles of effective problem-solving, decision making and critical

analysis. Emphasis is placed on the development of critical thinking skill and their application. Prerequisite: ENGL 101.

PHIL 210 Existentialism **3 credits**
Study of existential philosophies of human nature, morality, social obligation and human knowledge.

PHIL 215 World Religions **3 credits**
Examination of philosophical assumptions and implications of belief systems represented by world religions such as Buddhism, Taoism, Hinduism, Judaism, Christianity, and Islam, as well as naturalism, agnosticism and atheism. The course will explore metaphysical, epistemological, and ethical assumptions and implications of various religions, anti-religious, and non-religious worldviews.

PHIL 240 Ethics in the Professions **3 credits**
Focuses on major ethical systems and theories regarding the development of moral behavior, the relationship between morality and the law, and applied ethics in professional settings.

PHIL 305 Philosophy of Law **3 credits**
This course concentrates on the role of law in social and civil authority, with a focus on both domestic and international problems. The history of Law through ancient traditions and governing systems, culminating in law as "obligation," and "rights" is examined. The role of judges, legal systems and arguments for and against international law—as well as national courts—are put under scrutiny. The justification for holding people responsible for the consequences of their behavior, the concepts of individual liberty, the right to punishment for criminal infractions, the exercise of state and individual rights, and the intersection of law and just and unjust authority, are all brought into question. Pre-requisites: 30 hours earned degree credits or permission of the Instructor

PHIL 332 The Human Condition **3 credits**
Aspects of human existence and the problems of self-awareness and mortality are investigated through examining metaphysical, scientific, and social and psychological systems. The function of systemic belief in addressing questions of mortality, compassion and values are investigated. Prerequisite: PHIL 100 or Sophomore Standing.

PHIL 410 Art and Society **3 credits**
From the first sign of human consciousness recorded on cave walls in pre-civilization, to the iconic and sophisticated works of art that are sacred to humanity as a whole, this course (whether concentrating on plastic, literary or performing arts), explores the question of how art is integral to a society's given sense of self, its values and its unique expression of human consciousness. It defines art in general, employs hermeneutic techniques to understand why art gathers social and historical importance, and explores the history of specific art forms. The relationship of art forms to other modes of expression is explored in an effort to substantiate what makes a work "artful" transcending its pragmatic or utilitarian purpose. Both theory and practice are stressed and art is evaluated as axiomatic and vital to the development and understanding of Human consciousness. Prerequisite: Junior Standing or permission of the instructor.

PHIL 194, PHIL 294 Special Topics (CORE) **3 credits**

PHIL 295, PHIL 395, PHIL 495 Special Topics in Philosophy I, II, III **1-6 credits**

PHIL 296, PHIL 396, PHIL 496 Independent Study in Philosophy I, II, III **1-6 credits**
Special Request Independent Study Fee: \$65 per credit.

PHOTOGRAPHY

PHOT 101 Photography for Non-Majors **3 credits**
Photography has been constantly changing as technological developments allow for endless experimentation. This class is designed to allow students to become familiar with visual arts and the artistic process using the camera as a tool for personal expression. Photography will be approached through several lenses including smart phones, digital and film SLR's, as well as darkroom processing. Topics will include photojournalism, conceptual photography/art, and studio photography (commercial, portraiture and still life). Students will be encouraged to research photographers and industry styles based on topics supplied by the instructor. Additionally, students will obtain experience in a number of photographic areas and will build an understanding of what kind of careers can be obtained through photography.

PHOT 110 Foundations of Art & Design I **3 credits**
Understanding the Foundations of Art & Design is essential to art and design practices, critical thinking, and the

comprehension and application of principles within visual art expression. This course entails hands-on creation while emphasizing creative and critical thinking, perception and observation, problem solving, visual analysis, as well as identifying vocabulary, theory, media, and the techniques of studio practice.

PHOT 204 Black and White Photography I

3 credits

In this introductory photography course, students will become familiar with visual arts and the artistic process of using a camera for personal expression. PHOT 204 allows hands-on experience and introduces the technique of an SLR film camera, developing and printing in the darkroom. Students will learn to discuss and analyze photography through structured critiques. Students are encouraged to have their own film SLR cameras for this course (must have adjustable lens openings, shutter speeds and full manual control).

PHOT 205 Introduction to Digital Photography

3 credits

A basic digital photography course designed to give photography and photojournalism students proficiency in digital image making and processing. It stresses the importance and uses of digital photography in the current media environment, including terminology, practical exercise, and presentation. Students utilize Adobe Lightroom for editing, and are encouraged to purchase the program and their own digital SLR cameras.

PHOT 207 History of Photography I

3 credits

In this survey of the origins and developmental phases of photography, students will examine technical innovations with emphasis on historical motivations and changing climates of aesthetic intent, philosophical rationale, and visual experimentation in the history of photography from the early 19th century to the mid-20th century. Special concentration will be placed on marginalized groups that are not fairly represented in photographic history textbooks.

PHOT 208 History of Photography II

3 credits

This course will give an overview of the key photographic critical writings and theoretical debates, their social and political contexts, and their expression in key works within the history of photographic discourse. PHOT 208 builds upon the introduction to historical practice presented in PHOT 207 to facilitate informed looking at and thinking about photographs as densely-coded cultural artifacts which operate in a complex system of social and cultural relationships. Intended to provide a broad understanding of the theory and practice informing photographic history and discourse, the course is the foundation for advanced photography courses. Additional emphasis is placed on marginalized photographic topics. Prerequisites: None. PHOT 207 recommended for BFA majors

PHOT 309 Black and White Photography II

3 credits

An intermediate course emphasizing individualized photographic assignments and perfecting darkroom skills by utilizing the zone system and producing quality prints. Students explore theory in greater depth and further develop their skills and ability to analyze and critique photographs. A wider range of film camera formats and photographic materials are introduced. Students must provide their own 35mm SLR cameras. Prerequisite: PHOT 204.

PHOT 310 View Camera Techniques

3 credits

View Camera Techniques is an intermediate, technically intensive film course emphasizing use of large-format cameras. Students learn how to expose and process 4x5 inch sheet film and produce high-quality, fine-grained negatives, which offer extraordinary clear printing capabilities. The view camera course allows greater pictorial control and investigates technical and aesthetic aspects of the medium. Instant film processing and drum scanning will also be addressed. Cameras, tripods and film holders are provided, but students must supply all additional materials such as film, darkroom paper, and light meters. Prerequisites: PHOT 309.

PHOT 311 Experimental Photography

3 credits

Experimental Photography is an advanced production course that investigates experimental and nontraditional applications of color and black and white imaging materials and processes. Historical and contemporary experimental work will be examined. Emphasis is on the expressive and visual significance of experimentally generated imagery. Prerequisites: PHOT 309.

PHOT 316 Studio Photography

3 credits

This course examines photographic image making through a critical survey of controlled lighting applications. Students are introduced to various professional lighting techniques with an emphasis on the safe handling of studio tools and equipment. Photographic techniques focus on the application and construction for commercial and fine art production. Students will engage with industry standard professional lighting equipment, image capturing software, and develop a working sense of how a professional lighting studio is organized. Prerequisite: PHOT 205.

PHOT 322 Color Photography**3 credits**

Color Photography introduces color photographic materials, both digital and analog, and their implementation into the image-making practice within the photography major. Throughout the course color materials are explored and researched to develop skills in color photographic practice and create images that communicate your vision. An understanding of color theory and its application in the image making process in tandem with developing carefully considered projects is vital for successful photographic growth. This course continues to expand and build on the visual communication and critical analysis forms addressed in previous courses. Exposure techniques, significance of varied light sources, film characteristics, and presentation methods are explored in the development of projects to enhance and support the intention of the work. Discussions and course work focuses on the balance between these elements of color photography and continued development in visual communications. Prerequisite: PHOT 309.

PHOT 340 Specialized Photography**3 credits**

Students will obtain experience in a number of specialized photographic areas by completing assignments on deadline and creating work to include in their portfolios. Photographic topics vary according to the instructor and the course is repeatable. Prerequisite: JOUR 215, PHOT 204, PHOT 205.

PHOT 350 Digital Photo Editing**3 credits**

Students will prepare digital photographs for publication in print and online. Progressing from introductory to intermediate skills in Adobe Photoshop, students will digitally montage/collage imagery to build a portfolio. This course addresses the history of photo editing and the ethics of photo manipulation. Critiques will be an integral part of the course. Prerequisite: PHOT 205. Dual listed as PHOT 501.

PHOT 351 Digital Printing Methodology**3 credits**

Students explore advanced technical controls of the printmaking workflows of digital imaging. Students experience input and output variances that affect the final print and portfolio. Analysis and adjustment is expected in every stage of image production from black-and-white to color printing. Prerequisite(s): PHOT 350.

PHOT 360 Alternative Photographic Processes I**3 credits**

The photographic medium has changed rapidly since its inception. While many photographers have settled into a digitally-orientated workplace, there have been an increasing number of contemporary artists looking back at the medium's history in search of more conceptually-driven forms of output. This has expanded the expressive choices for artists, who often combine processes from the advent of photography with the latest advances in digital media. In this course, students will explore a number of historical, non-silver and experimental photographic processes, including the digital negative, cyanotype, wet collodion, platinum/paladium printing, albumen, gum bichromate and liquid light. The goal of the course is to broaden the student's ability of photographic printmaking techniques and allow for experimentation with new, hybrid forms, that combine old and new methods in creative ways. Prerequisite: PHOT 309.

PHOT 361 Alternative Photographic Process II**3 credits**

This advanced course continues with the exploration of non-silver photographic printmaking and print-manipulation processes that depart from the more prevalent black-and-white, color and digital approaches. With dual emphasis on developing technical skills and creative application of the medium, students will gain an understanding of both the craft of historic photographic processes and photography's function within contemporary art as they create their own images. Processes covered may include bromoil, kirlian photography and others not previously covered in PHOT 360. Students are expected to sharpen technical proficiency, solve problems and spend longer periods of time on a single process. Prerequisite(s): PHOT 360

PHOT 365 Experimental Video**3 credits**

This course explores video as photographic writing, in particular, through the making of video from idea through realization and display. This will be accomplished through exploring and experimenting with methods, techniques, software and equipment to manipulate the moving image aesthetically and artistically. Students are expected to produce several projects, which emphasize ideas outside the traditional narrative and documentary forms and are encouraged to develop their own form of expression. Students will establish personal methods to focus on the meaning and content of their moving pictures, the quality of their images and the way they observe the world around them. Students show and critique their work in class weekly in preparation for a final project and screenings at the end of the term. Prerequisites: PHOT 205, JOUR 215.

PHOT 368 Exploring Art Through Prose**3 credits**

This writing intensive course explores situated topics in visual arts and photography via self-generated student work, which will include art criticism, artist statements, thesis writing, and aesthetic statements—as well as exposure to the genre of writing as it pertains to art. Through discussions, assigned readings and in-class exercise, students are expected to produce a significant output of original creative work that emphasizes annotation of published authors and artists, and requires modulation of style and rhetoric. The course will also address some aspects of professionalization—exposure and evaluation of artist statements, attendance at art shows in the Pittsburgh area, and workshops in how to place their work. In doing so, students will establish both a creative writing style that is individual to their own artistic background and interests, as well as structure their knowledge of the contemporary artistic field of their choice. Course Prerequisites: ENGL 101.

PHOT 370 Contemporary Issues in Photography**3 credits**

This course is a survey to various and discursive approaches to contemporary art photographic practices. Because this class is designed for undergraduates interested in working in photography, many of the readings are critical pieces written by artists and scholars whose practice is, in whole or in part, deeply engaged with photography and various cultural debates within the field. In an effort to push beyond conventional ideas of what qualities are considered intrinsic to photography as well as what constitutes photographic meaning, students discuss and rethink a range of traditional photographic art categories in relation to larger issues such as visual culture, art and technology, historical circumstances, political geographies, contemporary art criticism, and interdisciplinary art practices. Prerequisite(s): PHOT 368.

PHOT 375 Self-Publishing Photobook**3 credits**

As a continually evolving and expansive outlet for photographers, the photobook has never been more relevant, yet more increasingly difficult to define. Through research, theory, and practice, this course investigates the current aesthetic trends within self-publishing. Photographers will complete a series of publishing assignments, both independently and collaboratively, in and out of class. Photographers will also develop an understanding and mastery of different self-publishing techniques and options as well as build an awareness of exhibition outlets. Upon completion of this course, students will have knowledge and skill set to incorporate self-publishing into their art making practice. Prerequisite(s): Student must have taken or currently enrolled in PHOT 350.

PHOT 380 Contemporary Portraiture**3 credits**

In this course students will examine portraiture and its contemporary implications and uses. Combining a dual emphasis on proper technical skills and creative application of the photographic medium, students will develop strategies for creating portraits both in the studio and on location. Furthermore, students will gain an appreciation for the myriad ways in which portraits are utilized in the photographic world, such as fashion, editorial, and fine art. Prerequisites: PHOT 205, PHOT 316.

PHOT 383 Constructed Still Life Photography**3 credits**

This course will explore the genre of the still life, an essential facet of contemporary photography. By focusing on technique as well as the creative possibilities of the photographic art form, this class will instruct students in the art of photographing still life, both in and out of the studio. One of the oldest and most prevalent subjects throughout art history, the still life has commercial, editorial, and fine art applications that will be discussed and explored in this course. Prerequisites: PHOT 316 & PHOT 350.

PHOT 385 Commercial and Editorial Photography**3 credits**

Throughout this class, students will grow and develop their abilities in the practice and application of commercial and editorial photography. While emphasizing both proper technical skills and the creative application of the medium, students will gain an understanding of the craft of commercial photography as they create their own images. It will prepare students to work with commercial and editorial clients through individual assignments and opportunities for collaborations. Students will also gain an understanding of the business of being a freelance photographer. Prerequisites: PHOT 316 & PHOT 350.

PHOT 390 Advanced Photography**3 credits**

This advanced level course facilitates discussion of photographic processes within the larger context of contemporary art, photography, film and digital media. The course will emphasize semester-long projects, the process involved in generating a portfolio of images, a coherence body of work based upon a theme, concept, or selected subject matter. The class will discuss topics such as locating an individual voice, refining a working process, considering methods for presentation/distribution of photographs, and reflecting on current issues in contemporary art. Organized around the major activities of criticism (describing, interpreting, evaluating and theorizing), students gain a clear framework and vocabulary necessary for critical skill development. Therefore, students are expected to build upon their artwork weekly. Lectures and

demonstrations will include assembling a portfolio of photographs, submitting work for review, and preparing for exhibition. This course is a requirement for photography majors, and is repeatable as a major elective for up to nine additional credits. Course prerequisites: PHOT 205, PHOT 309, & PHOT 322.

PHOT 400 Photographic Art Marketing

3 credits

Photographic Art Marketing provides self-motivated students with direction into today's dynamic market for photography. The course focuses on grant writing, networking, navigating gallery shows, developing resumes, CVs, portfolio development and what it means to be a professional artist. Classroom lectures cultivate a broader awareness of career options and professional prospects for photographers seeking to pursue a successful career in the art world. Individual research and projects allow students to explore an area in depth. Students share their research methodology and results with their classmates, fostering growth of peer relationships. Prerequisite: PHOT350.

PHOT 414 Business of Photography

3 credits

The course will expose the student to the essential business and marketing principles in the editorial, commercial and fine art areas of the photographic industry. Topics covered include contracts, copyright law, trade organizations, working with non-profits, defining professional grade equipment, the stock photo industry, creating job estimates, negotiation, and the costs of doing business analysis. In addition, financial, legal, organizational, promotional, interpersonal, and ethical practices will be covered. The core assignment spans over the duration the course, students create an analysis of who they are as photographer /artist by describing their brand, identifying who potential clients would be, and discussing a strategy for reaching those clients. Students must present a unified portfolio as part of the assignment with strategic and tactical marketing applications. Prerequisite: PHOT 350.

PHOT 470 Documentary Photography

3 credits

Students will work on photo documentary projects based on the established methodology to reduce the fast paced world to a set of still images that convey life and world experiences by creating a distinctive and compelling sense of reason, place and time. Students will gain a basic understanding of documentary photography history and principles through writing reactions to assigned books and films about documentary principles. Students will establish personal methods to focus on the meaning and content of their pictures, the quality of their pictures and the way they observe the world around them. Prerequisites: PHOT 207 or PHOT 208, PHOT 205.

PHOT 481 Senior Thesis I

3 credits

This self-directed senior seminar is designed to bring seniors together to discuss and develop their thesis projects, research paper and exhibition plans. The seminar encourages teamwork on developing an exhibition and the ensuing professional practice in photography, continuing education, pricing strategies, presentation formats, and artist statements. In preparation for their career, students visit local artists' studios and visiting artists provide feedback of work in progress. Prerequisite: ENGL 368, PHOT 310, PHOT 390, PHOT 400 & Passing JR Portfolio Review.

PHOT 482 Senior Thesis II

3 credits

A continuation of the work stated in Senior Thesis I, this segment of the course covers all areas of designing, implementing, promoting and installing an exhibition. Support and recommendations provide feedback during the developmental process of the projects for public galleries. In addition to the thesis paper, students will complete public exhibitions and compose artist statements, portfolios, resumes, and CVs in preparation for graduation. Prerequisite: PHOT 481.

PHOT 490 Interdisciplinary Projects

3 credits

This is the highest level course offered in the Photography Curriculum; designed as a one-on-one student/professor interaction, geared to prepare the student for real world art practices outside of the University. The purpose is to offer rigorous guidance on developing studio work in an interdisciplinary environment. The emphasis on this course is on studio production and research. Students work independently throughout the semester, and schedule weekly meetings with the instructor to check in on the progress of his/her artwork. Prerequisites: Must have completed at least one PHOT 390 Advanced Photography course and must hold at least a 3.8 GPA in the Photographic Major Electives. Advisor approval is necessary for registration.

PHOT 194, PHOT 294 Special Topics (CORE)

3 credits

PHOT 295, PHOT 395, PHOT 495 Special Topics I, II, III

1-6 credits

Courses are on subjects currently at issue or of interest to faculty/students in the photography field. Examples may be trends, experimental topics, integrated fields, and new technologies or important areas not covered by previously listed courses, such as multiculturalism, informational graphics or audio-visual techniques. Topics are selected by the department

with regard to student/faculty input and current perceived needs.

PHOT 296, PHOT 396, PHOT 496 Independent Study I, II, III **1-6 credits**

The student independently studies subjects in the field not taught but of special interest to her or him and within the expertise of a supervising faculty member. A well-developed, written proposal from the student and agreement of an appropriate faculty supervisor are needed before registration. A final research paper or project is required. Prerequisite: Permission of faculty supervisor and chair. Special Request Independent Study Fee: \$65 per credit.

PHYSICS

PHYS 101 Physics I **3 credits**

Basic concepts of physics including kinematics, dynamics, work and energy concepts, fluids and solids. Applications of these concepts to different disciplines. Algebra based. Laboratory section: PHYS 103. Prerequisites: MATH 180.

PHYS 102 Physics II **3 credits**

Vibration and wave motion, geometric and physical optics, electricity and magnetism. Algebra based. Laboratory section: PHYS 104. Prerequisite: PHYS 101.

PHYS 103 Physics Laboratory I **1 credit**

Experimental techniques in mechanics, heat and sound. Prerequisite or co-requisite: PHYS 101.

PHYS 104 Physics Laboratory II **1 credit**

Experimental techniques in electricity and magnetism, optics, and atomic physics. Prerequisite or co-requisite: PHYS 102.

PHYS 201 Fundamental Physics I **3 credits**

Introductory, calculus-based physics, including kinematics, dynamics, work and energy, fluids, and thermodynamics. Also includes applications of these concepts to different disciplines. Associated lab: PHYS 103 (1 credit). Prerequisites: MATH 190, MATH 210.

PHYS 202 Fundamental Physics II **3 credits**

Introductory, calculus-based physics, including vibration and wave motion, geometric and physical optics, and electricity and magnetism. Associated labs: PHYS 104 (1 credit). Prerequisites: MATH 190, MATH 210, PHYS 201 or PHYS 101.

PHYS 194, PHYS 294 Special Topics (CORE) **3 credits**

POLITICAL SCIENCE

POLS 102 American National Government **3 credits**

Examines basic principles, institutions and functions of American national government and the operation of the American political system and government. Identifies individual rights and responsibilities as citizens of local, state and national communities.

POLS 202 State and Local Government **3 credits**

Basic principles, institutions and functions of American government at the state and local levels. Emphasis on Pennsylvania.

POLS 204 Public Administration **3 credits**

An intensive study of administrative organization, personnel policy, finance, management and control, and lines of responsibility at all levels. Dual listed as PADM 210.

POLS 205 World Geography **3 credits**

World Geography is the study of the geographic nature of the world's major social, political, and economic processes and problems. A central component of this class will be an analysis of the ways in which power has unevenly spread across the regions of the globe. This course starts and ends with an analysis of commodity chains as a means to understand the

connections between colonialism, post-colonial imperialism, and the geographies of capitalism; environmental geographies of exploitation and destruction; the ways in which the global economy is governed; the relationships between race and geography; the production of gendered geographies; the production of specifically sexualized spaces; and conflicts that arise over and in various spaces, places, territories, and borders. By the end of the semester, students should have a firm grasp of geography's principal concepts and a solid orientation to the geographic nature of the world's major power inequalities and processes.

POLS 207 Public Policy Issues

3 credits

Examines some of the most critical problems confronting America in the realms of domestic and international politics. Format of the class is primarily discussion with students using the daily and Sunday *New York Times* and other pertinent publications.

POLS 209 Law and Society

3 credits

A study of the problems of law in society and an introduction to criminal justice.

POLS 215 Introduction to Legal Studies

3 credits

This course is a comprehensive overview of research strategies, foundations in legal systems, judicial processes, axioms of government and the implementation and enforcement of law, as well as the various elements necessary for the prosecution of law, and the defense of human rights. The course is designed as both an introduction into the Major, as well as and heuristic catalyst for the general study of the legal system.

POLS 250 Introduction to the Study of Government Systems

3 credits

An introduction to significant issues of politics that have been identified by noted political scientists of the past and present. Designed as an overview of the discipline of political science for students who would otherwise have limited exposure to these issues.

POLS 305 Trial Law and Procedure

3 credits

An introduction to the rules governing trial procedures in civil and criminal lawsuits. Prerequisite: POLS 209.

POLS 308 Principles of Criminal Justice

3 credits

An examination of the doctrine and principles involved in criminal law through analysis of cases and statutes. Prerequisite: POLS 209.

POLS/GCS 320 Political Geography of the Middle East

3 credits

This course is oriented around the major political geographies and power relationships within the Middle east and between the Middle East and the rest of the world. Key topics include the uneven historical-geographies diffusion of different religions, the Middle East in the eyes and arms of the West, the geographies of natural resources, and the intra and inter regional geopolitics that shape some of the world's most explosive conflicts. Students will examine general profiles of Middle Eastern countries and engage in discussions about provocative reading assignments from a diversity of perspectives. In addition to scholarly text, the class examines various films, maps, news reports, and other primary and secondary sources. Prerequisites: GCS 175 or permission of instructor

POLS 330 The American Presidency

3 credits

The presidency as a major element of the American political system. The evolution of the leadership role in both domestic and foreign affairs. Prerequisite: POLS 102 or permission.

POLS 335 American Foreign Policy

3 credits

The institutions and processes involved in foreign policy determinations. Past and current problems of American foreign relations. Prerequisite: POLS 102 or permission.

POLS 350 Nationalism

3 credits

Large-scale world conflicts of the twentieth century with representative examples of this phenomenon. Prerequisites: POLS 250 or HIST 202 or permission.

POLS 355, POLS 356 Internship in Government or Legal Services I, II

3 credits

A field experience in areas related to government or legal services. Proficiency requirements are determined through a student contract with the supervising faculty member and may include specific papers and reports related to the work experience. Prerequisite: Junior Standing.

POLS 358 Governments and Politics of the Middle East	3 credits
The Arab-Israeli conflict is used as a focal point for analysis of political patterns in the region. Great power involvement, nationalism and conflict diplomacy are considered extensively. Prerequisite: POLS 250 or permission.	
POLS 372 International Relations	3 credits
An examination of the major elements and persistent problems in the world community of states. Prerequisites: POLS 250 or HIST 202 or permission.	
POLS 401 Political Thought and Theory	3 credits
An advanced comprehensive discussion of the basic questions arising from political philosophy, inquiry and analysis. Writing-in-disciplines class. Prerequisites: POLS 102 or POLS 250 or permission.	
POLS 402 Constitutional Law	3 credits
The interpretation and application of the Constitution of the United States. Emphasis on constitutional law. Writing-in-disciplines class. Prerequisites: POLS 102 or POLS 250 or permission.	
POLS 408 International Law	3 credits
The legal rules and principles that guide relationships among nations. Case materials cover international law and the International Court of Justice. Prerequisites: POLS 102 or POLS 250 or permission.	
POLS 412 Seminar in History	3 credits
This course allows students to synthesize the work they've done in their majors through directed research, evaluation, and writing. Students will write a substantive academic paper which analyzes a specific research question that they will choose early in the semester. Students will read examples of different types of scholarship in their fields including academic abstracts, introductions to monographs, and academic journal articles as examples of the types of work they will be writing. Students will have the opportunity to revise and review peer's work to ground their own skills. Prerequisite: Senior standing.	
POLS 194, POLS 294 Special Topics (CORE)	3 credits
POLS 295, POLS 395, POLS 495 Special Topics in Political Science and Legal Studies I, II, III	1-6 credits
(See Department Requirements for a partial list of Legal Studies and Political Science courses offered as special topics.)	
POLS 296, POLS 396, POLS 496 Independent Study in Political Science I, II, III	1-6 credits
Special Request Independent Study Fee: \$65 per credit.	

PSYCHOLOGY

PSYC 114 Technological Literacy for Psychology	3 credits
This course is designed to be a hands-on, interactive technology course that will allow students to use technology that is found in our global society and to improve their future professional practice. Through group projects, individual presentations, and an e-portfolio, students will learn how technology can increase collaboration, communication, and analysis of data for research and clinical practices. Students will locate and use content-related technology resources.	
PSYC 150 Psychological Foundations	3 credits
Examines psychological foundations underlying the development of personal, professional, academic, and cultural world views, and examines how those world views influence questions that human beings ask and answers they find. Students will be asked to express their ideas in both oral and written form.	
PSYC 151 Theoretical Foundations to Psychology	3 credits
This course surveys and critiques various psychological disciplines and is designed to introduce psychology majors to the historical, philosophical and theoretical orientation of the department's psychology program. Students will read original and primary texts from significant authors and be encouraged to formulate their own interests, perspectives and critical thinking in psychology.	
PSYC 201 Critical Thinking in Psychology and the Behavioral Sciences	3 credits

Students will be introduced to basic information literacy in the social and behavioral sciences. This course will help students to find, critically evaluate, and review literature in psychology and other behavioral and social sciences. Students will learn basic scientific methodology, understood from various perspectives of psychology, and learn how to identify whether scientific information is credible, reliable and /or valid. Students will learn to read original texts of case studies, phenomenology, ethnography, correlational research, experimental designs, and other approaches to investigation. In addition, students will learn to use APA style to complete a critical literature review on a relevant topic on interest in the field. Prerequisite: PSYC 150.

PSYC 202 The Story of Psychology in Perspective 3 credits

Critical evaluation of the systematic positions of the early comprehensive theorists, the emergence of trends and the resulting systems of the modern study of behavior. Prerequisite: PSYC 150.

PSYC 203 Theories of Personality 3 credits

This course will present the fundamentals of existing theories of personality with special attention given to the implications of each. In-depth study of Freud, Jung, Adler and other selected theorists.

PSYC 204 Abnormal Psychology 3 credits

A study of central issues surrounding psychopathology. Current American Psychological Association (A.P.A.) classification of abnormal behavior patterns and the effects of maladaptive behavior on individuals' abilities to function in their environments. Prerequisite: PSYC 203.

PSYC 207 Children's Play: Psychological Aspects 3 credits

The psychological aspects of children's play as it relates to emotional and cognitive development and its creative expression. Interdynamics of childhood approached through psychoanalytic, experimental and client-centered theories. Prerequisite: PSYC 209.

PSYC 208 Learning and Motivation 3 credits

Studies of learning and motivation representative of human and animal processes are examined in relation to contemporary psychological and educational issues. Prerequisite: PSYC 150.

PSYC 209 The Child from Conception to Nine 3 credits

The dynamics of human development from the time of conception to the eighth year, emphasizing physical, intellectual, emotional and social aspects. Prerequisite: PSYC 150.

PSYC 212 Humanistic Perception 3 credits

The basic perceptual processes of man as derived from empirical and theoretical studies representative of the field of perception. Prerequisite: PSYC 150.

PSYC 214 Psychology of Emotion 3 credits

This course is a study of major theories of emotion and their emergence from cognitive, behavioral, physiological, social, and evolutionary perspectives in the discipline of psychology. Subject matter will include communication of emotion in nonverbal behavior, bodily expressions of emotion, the development of emotion, emotional dynamics in relationships and groups, the physiology of emotion, and cultural differences in emotion concepts and expression.

PSYC 215 Human Capital 3 credits

The study of psychological principles used in Human Resource Management. The course will provide the student with a working knowledge of individual and group levels of organizational behavior and how to effectively manage the various types and levels of behavior within an organizational setting. Topics explored in the course include but are not limited to; individual and group behavior, organizational culture and structure and processes as they relate to performance and satisfaction in organizations. Topics under discussion at the individual level will include; attitudes, personalities, perception, motivation, diversity and ethics. Topics under discussion at the group level will include; organizational culture and structure, communication, decision making processes, conflict management, change, and stress and group dynamics. Prerequisite: PSYC 150.

PSYC 216 Psychology of Religion and Spirituality 3 credits

A survey of the psychology of religion and spirituality, with an examination of biological aspects of religious and spiritual experience, developmental theories of religion, the phenomenology of religious and spiritual experience, religious virtues and values, and religious coping.

PSYC 217 Psychology of Evil and Destructiveness**3 credits**

An introduction to psychological theories of development, personality, and social psychology as they pertain to descriptions and explanations of malevolent and destructive patterns of behavior. The course will describe contemporary research on the assessment and development of destructive personality traits such as antisocial personality, narcissism, and Machiavellianism. In addition, the course will survey current social psychological research on destructive behaviors such as violence, prejudice, discrimination, and genocide.

PSYC 218 Psychology of Women's Spirituality**3 credits**

This course will focus on some of the key writings in women's spirituality and examine the journey of the development of women's spirituality through their everyday lives and beliefs. We will chart the journey of many races, creeds, and cultures and broaden the entire notion of women's spirituality to include Neolithic archeological discoveries, symbols, and metaphors for the Goddess, and the vision of an egalitarian partnership between genders in the overall practice and theory of spirituality. This course will focus on the role of spirituality in women's psychology and treatment, and review exercises and therapeutic rituals that promote spiritual recovery and growth.

PSYC 227 Cross-cultural Psychology**3 credits**

A comparison of the psychology of Western and non-western cultures. Includes an examination of the ways in which different child-rearing practices, family structures, educational systems, and world views interrelate to foster quite different conceptions of "self", "other", "abnormality", and "gender". Prerequisite: PSYC 203.

PSYC 230 The Characterological and Psychotic in Fiction and Film**3 credits**

This course will explore character development, organization and characterological disorder (personality disorders) by examining the tension between characterological and situational (episodic) psychopathology, ego development (syntonic and dystonic) and defense as portrayed in film and fiction. Using Greek literary themes and dramatism (tragedy, catharsis, hamartia, nemesis), current psychoanalytic theory, feminist reappraisals of psychopathology and social constructionist theory, the course generally critiques personality disorders (e.g., borderline, narcissistic, histrionic, dissociative, etc.) by closely examining the material of character development such as trauma and abuse (of psychological life) as well as tragedy and drama.

PSYC 231 Interpersonal Relationships**3 credits**

An in-depth examination of psychological research on interpersonal relationships, with particular attention to the effect of relationships on identity formation and self-structure. Includes an examination of the process of interpersonal communication. Prerequisite: PSYC 203.

PSYC 241 LGBTQ Mental Health**3 credits**

This interdisciplinary course provides foundational knowledge and general practice skills for lesbian, gay, bisexual, transgender, and questioning/queer (LGBT) individuals and communities. The course content will include an examination of historical and political perspectives, with an emphasis on contemporary mental health concerns and the psychological impact of stigma and discrimination against members of an LGBTQ communities. Social, psychological, cultural, behavioral, environmental, and biological factors contributing to health and mental health disparities among LGBTQ individuals and communities will be highlighted. Students will also explore ethical and legal issues and debates through the lens of psychology, psychiatry, and social work. Dual listed as SOCW 241.

PSYC 245 Introduction to Forensic Psychology**3 credits**

General introduction to the theoretical and clinical applications of the study of forensic psychology. Explores the psychological dynamics present in criminal behavior and the role of psychology in prevention and treatment. Also includes an examination of the psychological principles involved in jury selection, jury deliberation, and the treatment of witnesses and victims. Prerequisite: PSYC 203.

PSYC 251 Psychology of Women**3 credits**

A study of the evolutionary complexity of the psychology of women through the examination of overt cultural behaviors of women and the psychological principles underlying such behaviors. Prerequisite: PSYC 203.

PSYC 253 Psychology of Sexual Behavior**3 credits**

Students will be introduced to various theories of sexual behavior, such as psychodynamic, evolutionary, social constructionist, humanistic, and feminist perspectives. A basic introduction to sexual anatomy—its biology, functions and evolutionary history—will be examined. Students will learn how sexual motives may influence animal and human behavior without the explicit awareness of the organism or person. Students will also identify how evolutionary theory studies and predicts behavior based on the concepts of natural and sexual selection. Social constructionist, humanistic, and feminist

approaches in the course will identify personal and social factors that influence sexual behavior in ways that may not be predicted by looking to biology. Prerequisite: PSYC 150.

PSYC 262 Childhood: Social Issues and Cross-cultural Perspective 3 credits

This course will consider how social conditions in the United States such as “welfare-to-work” policies, the public school system, day care, and guiding values such as privacy, autonomy, and consumerism impact children’s lives. The course will also explore how children are raised in other cultures. Children’s irreducible psychological needs will be considered in light of the rich cultural mosaic in which they are raised. Prerequisite: PSYC 150.

PSYC 263 Parenting and Parenthood 3 credits

This course will explore the transition to parenthood and approaches to parenting. Topics will include attachment, childcare options, discipline, and encouraging intellectual and creative growth. It will also explore how to balance children’s needs with personal and professional goals. Prerequisite: PSYC 150.

PSYC 266 Art Therapy 3 credits

This course is a broad introduction to the field of Art Therapy with a focus on the artistic, historical, and philosophical bases of the field. Weekly classes will consist of art making, lecture, and discussion which will be supplemented by weekly reading and journaling. Students will explore their artistic and clinical identities in relation to art therapy and broader clinical disciplines.

PSYC 267 Zombies and Psychological Life 3 credits

Why are zombies so compelling? This course examines the zombie as a cultural artifact that can be examined through various psychological perspectives. The zombie phenomenon is critically evaluated through the analysis of its manifestations in history such as , for example, its beginnings and interrelationship with African magic, Haitian Voodoo (Voodoo), Afro-Caribbean folklore, spirituality, mythology/signification, colonialism, slavery, racism, capitalism, and revolution. The zombie complex as a popular culture phenomenon will be explored through film (and other media forms), and in light of psychological theories, with an emphasis on postmodern and phenomenological approaches.

PSYC 304 Counseling Theories and Practices 3 credits

Introduction to affective and cognitive counseling theories. Practical applications and beginning self-exploration. Prerequisite: PSYC 204.

PSYC 305 Counseling Practicum 3 credits

Designed to develop and sharpen the skills necessary for working with people. Prerequisite: PSYC 304.

PSYC 306 Abusive Behavior 3 credits

A study of the causes and underlying dynamics of abusive behavior. Focus on child abuse, substance abuse, spouse abuse and dysfunctional families. Prerequisites: PSYC 203; SOC 150.

PSYC 309 The Child from Five to Fourteen 3 credits

The dynamics of human development from the fifth through the fourteenth year. Emphasis on personality. Prerequisite: PSYC 150.

PSYC 313 Social Psychology 3 credits

Social behavior as a function of attitudes, perceptions and motivation; individual and interpersonal cultural factors in social behavior, racial relations, group morale and communications. Prerequisite: PSYC 150.

PSYC 316 Existential and Phenomenological Psychology 3 credits

The origins of existentialism and the phenomenological method. The existential perspective of the implications of theory and methodology for a human science. Emphasis on the significance of existential phenomenology for research. Dual listed as PHIL 316. Prerequisite: PSYC 203.

PSYC 317 Psychology of Adolescence 3 credits

The physical, emotional, social and intellectual development of the adolescent with emphasis on beliefs, feelings, thoughts and overt behavior. Prerequisite: PSYC 203.

PSYC 318 Music and Psychological Life**3 credits**

This course will seek to discover and interpret our psycho-social lives within the content of music and lyrics. Each work analyzed will feature a different psychological issue and perspective by which the music/lyric will be analyzed. Students will learn to apply psychological theory for the interpretation of musical expression.

PSYC 319 Psychology of Consciousness**3 credits**

An in-depth study of the structure, capabilities and evolution of consciousness. Study of recent research on consciousness of space and time, abnormal and dream states and the construction of "standard" and "alternate" realities. Prerequisite: PSYC 203.

PSYC 320 Criminal Psychology**3 credits**

An in-depth study of the psychology of violent serial criminal offenders. Emphasis on the techniques of criminal profiling and the usefulness of psychological research and findings for criminal investigations, interviewing of suspects, trial strategy, and treatment of offenders, victims, and law enforcement personnel.

PSYC 321 Happiness, Well-Being and Human Strengths**3 credits**

Students will be provided with a broad overview of the field of positive psychology, which is concerned primarily with human happiness, well-being, and human strengths. Positive Psychology stands in contrast to general psychology, which compares the individual to the average or norm, and it also stands in contrast to abnormal psychology, which has as its focus those individuals who suffer as a result of maladaptive behavior. In contrast, positive psychology is interested in the factors that make people not just ordinary, but extraordinary. Rather than a study of mental illness or mental normality, positive psychology is the study of human flourishing. Pre-requisite: PSYC 203.

PSYC 322 Transpersonal Psychology**3 credits**

A systematic exploration of transpersonal psychology and its roots, history and evolution, including criticisms and responses to these criticisms. The course will examine transpersonal approaches to the study of altered states of consciousness, the development of spiritual awareness, mental health and illness, and psychotherapies. Topics of focus may include near-death experiences, psychedelic experience, meditation, hypnosis, dreams, ecopsychology, embodiment, and/or expressive and creative arts therapies.

PSYC 323 Indigenous Psychology**3 credits**

Indigenous psychology is the study of human behavior and mental processes as they are understood from within the contextual frame of a particular culture, in contrast to approaches to psychology in which concepts are exported from one culture to another, different cultural context. This course will examine how theories, concepts, and methods of indigenous psychology have been developed, which account for local ecological, historical, philosophical and religious perspectives of the people who are being studied.

PSYC 348 Psychology of Diversity**3 credits**

This course is a seminar for psychology and behavioral sciences students to strengthen their multicultural awareness, knowledge, and skills in working with diverse client populations. The course will help students to understand the role of diverse social identities in the development of mental and physical health and well-being. Students will strengthen their understanding of how oppression and discrimination affect individual clients and communities. This course will also cover content related to how culture may affect psychological processes, mental health concerns and help seeking behaviors.

PSYC 350 Community Psychology**3 credits**

Students will be introduced to a foundational understanding of community psychology and its applications. The course will examine how community factors can influence personal well-being and mental health, and will identify how community psychology, as a preventative, strength-based approach to well-being, uses interventions to improve well-being in communities. Prerequisite: PSYC 201.

PSYC 351 Clinical-Community Psychology**3 credits**

Students will be introduced to an integration of clinical and community psychology, the study of social factors that influence mental health and the identification of social interventions for the prevention and/or the amelioration of mental illness. The course will trace the roots of clinical-community psychology in the field of community mental health, and will introduce students to strength-based strategies for the prevention of and recovery from mental illness. Prerequisite: PSYC 201.

PSYC 352 Research Methodology in Human Sciences**3 credits**

Emphasis is on understanding the use of methodology, experimental controls, data analysis and scientific communication in psychological and sociological research. Dual listed as SOC 352. Prerequisite: MATH 175, PSYC 201, PSYC 202, and PSYC 203.

PSYC 361 Forensic Psychology: Clinical Approaches 3 credits

Designed to familiarize the student with various clinical perspectives on the treatment of the criminal subject. The work of Freud, Jung, Lacan, Samenow and others. Introduces various approaches to the assessment and diagnosis of the criminal subject within a depth-phenomenological perspective. Prerequisites: PSYC 204, PSYC 245.

PSYC 365 Children's Mental Health 3 credits

This course will introduce students to a variety of models of children's mental health and illness including societal, medical, psychoanalytic and humanistic models. We will explore diagnoses that are common in childhood and adolescence such as attentional and learning difficulties, autistic spectrum disorders, depression, anxiety, and eating disorders. Prerequisites: PSYC 203, PSYC 204.

PSYC 366 Child & Family Therapy 3 credits

This course will survey an array of psychotherapeutic approaches to working with children and families including psychoanalytically-oriented and client-centered play therapies, as well as psychodynamic and structural family therapies. In addition, we will critique the medical model as it is applied to children's mental health and explore non-traditional medical approaches such as naturopathy and homeopathy.

PSYC 377 Ecopsychology 3 credits

This 3-credit course examines the intersection between natural world and health. Students will explore the incorporation of elements of the natural world into the therapeutic process, with special attention on specific diagnostic presentation, populations, and geographies. Historical and contemporary perspectives are presented that help to define the influence that human nature relationship has on dimensions of human health and wellness, community integration and development, and environmental sustainability.

PSYC 412 Senior Thesis 3 credits

Independent research and study for experience in sophisticated methodology and interpretation of the results of research. Dual listed as SOC 412. Writing-in-disciplines class. Prerequisite: Senior Standing.

PSYC 418 Psychology of Adult Development 3 credits

A study of the dynamic continuation of psychological development beyond childhood and adolescence. Prerequisite: PSYC 150.

PSYC 420 Advanced Forensic Psychology 3 credits

An in-depth examination of selected case studies. Specific criminal cases discussed in detail with regard to the psychological dynamics involved in the crime, the social impact and implications, the effect on the victim and/or witnesses, the role of forensic psychology in the court proceedings, the role of the therapist in court mandated treatment, etc. Prerequisites: PSYC 320, PSYC 361.

PSYC 455, PSYC 456 Institutional Practicum I, II 3 credits

Experience working in a Pittsburgh area institution under professional supervision. Prerequisite: Senior standing. By application.

PSYC 497, PSYC 498 Honors Seminar in Human Sciences I, II 3 credits

Various topics, pursued in depth, chosen at the discretion of the department. Dual listed as SOC 497, SOC 498. Prerequisite: Permission.

PSYC 293 Special Topics in Psychology of Religion 3 credits

This course examines psychology from the perspective of a major religious system, such as Buddhism, Christianity, Hinduism, Islam, or Judaism. The anthropological and theological foundations of the religious systems will be examined in relation to its implications for the theory and application of psychology from that religious perspective. An integrative approach will emphasize ways that the religious system's metaphysical, anthropological, epistemological and ethical frameworks can inform, and be informed by, the science and theories of psychology.

PSYC 393 Advance Special Topics in Religion and Spirituality 3 credits

Special topics in psychology of religion and spirituality which focus on depth and advanced examination of concepts,

practices, and psychological dimensions of a major religious or spiritual tradition.

PSYC 194, PSYC 294 Special Topics (CORE)	3 credits
PSYC 295, PSYC 395, PSYC 495 Special Topics in Psychology I, II, III	1-6 credits
PSYC 296, PSYC 396, PSYC 496 Independent Study in Psychology I, II, III Special Request Independent Study Fee: \$65 per credit.	1-6 credits

PUBLIC ADMINISTRATION

PADM 105 Applied Public Administration Workshops	1-6 credits
To increase professional competency in field situations, intensive weekend workshops are offered primarily on a non-degree, no-credit basis. However, they can be applied as advanced standing credit to the Public Administration degree program.	
PADM 205 Urban Politics	3 credits
This course identifies and explores the political, governmental and community conceptualizations of problems and solutions in an urban environment. The course will focus on the interaction between elected officials, community groups and government leaders. Pre-requisite: POLS 202.	
PADM 206 Non-Profit Organizations	3 credits
This course is an introduction to leadership in nonprofit organizations (NPO). Topics include the theoretical, historical and legal foundations of NPOs, governance, fundraising, accountability, personnel and ethics.	
PADM 210 Public Administration	3 credits
This course is an intensive study of governmental and non-profit organizations, including organizational structures and functions, including planning, budget, finance, management and leadership. The course emphasizes the interaction and interrelationship of agencies and administrators at all levels of government and the non-profit sector. Dual listed as POLS 204.	
PADM 211 Principles of Management	3 credits
Emphasis on the major theories and functions of management. Students develop an understanding of why management is needed in all organizations and what constitutes good management. Dual listed as BMGT 208. Pre-requisite: BMGT 101 or PADM 210.	
PADM 214 Public Budgeting and Finance	3 credits
This course addresses the principles of governmental and non-profit organizations' revenue, expenditure and budgeting. A special focus is placed on the planning and management aspects of budgeting, and the associated measurements and evaluation. Pre-requisite: PADM 210 or PADM 206 or permission.	
PADM 301 Operational Methods for Public Management	3 credits
This course applies quantitative analysis and forecasting methods to plan and evaluate decisions in public agencies. Additional topics include basic research design and techniques, and reading and interpreting research findings. Pre-requisites: PADM 210 and MATH 150; ECON 201 or 202 or permission of the instructor..	
PADM 302 - Leading Organizational Change	3 credits
Examines the role of the leader as change agent within an organization. Students will develop knowledge and skills in strategic leadership, consensus building, conflict management, overcoming resistance to change, performance evaluation, and selected organization development interventions. Dual listed as LEAD 315.	
PADM 303 Policy and Decision Analysis	3 credits
This course will cover quantitative, qualitative and mixed-methods approaches to defining, structuring, analyzing and evaluating policies and decisions in government and non-profit agencies. Pre-requisites: PADM 210 and MATH 150 (or greater) or permission of the instructor.	
PADM 308 Theories of Public Organization	3 credits
Organizational structure affects the function and performance of public agencies. Topics in this course include the	

elements, concepts and principles of organizational theories and leadership development in government and non-profit agencies. Pre-requisite: PADM 210 or BMGT 208 or permission.

PADM 311 Special Employee Relations in Public Agencies **3 credits**

This course includes the legal and managerial considerations regarding human resources and employee relations in government and non-profit agencies. Special emphasis will be on civil service employees and those represented by collective bargaining units, including negotiation and dispute resolution processes. Additional topics include special personnel relationships, such as contract and temporary employees, and volunteers in public service. Pre-requisite: PADM 210 or PADM 206 or BMGT 207 or BMGT 208 or permission.

PADM 312 Introduction to Administrative Law **3 credits**

This course provides a foundation in constitutional, statutory, common and agency-made law as it applies to the powers, procedures and judicial review of public agencies. Prerequisite: PADM 210 or BMGT 201 or POLS 209.

PADM 314 Public Budgeting and Finance II **3 credits**

This course is a continuation of PADM214 and focuses on gathering and analyzing data to build and present line item and program budgets, narratives and presentations. This course will include the use of computer spreadsheet applications (such as MS Excel). Prerequisite: PADM 214 or permission of instructor.

PADM 317 Legal Aspects of Nonprofit Organizations **3 credits**

This course presents an overview of the legal and ethical issues confronting non-profit organizations. Prerequisites: PADM 206 or PADM 210 or permission.

PADM 320 Emergency and Disaster Preparedness **3 credits**

Emergencies and disasters affect the business, non-profit and governmental sectors, as well as residents, customers and employees. This course will introduce the student to the types of disasters faced by the community and the preparedness measures necessary for organizational continuity of operations and business recovery. Dual listed as BMGT 222.

PADM 322 - Disaster Planning and Control **3 credits**

This course examines the concepts and principles of community risk assessment and response to and recovery from natural and man-made disasters. The focus of the course will be on the legal and organizational frameworks, roles and responsibilities of public, non-profit and private agencies in preparedness and response. Pre-requisite: PADM 210; PADM 222 or permission.

PADM 330 Fire and Emergency Services Administration **3 credits**

This course is designed to be a progressive primer for students who want more knowledge about fire and emergency services administration. The course demonstrates the importance of the following skills, necessary to manage and lead a fire and emergency services department through the challenges and changes of the 21st century. Prerequisite: Junior Standing or prior Fire/EMS experience.

PADM 331 Political and Legal Foundations of Fire Protection **3 credits**

This course examines the legal aspects of the fire service and the political and social impacts of legal issues. This course includes a review of the American legal system and in-depth coverage of legal and political issues involving employment and personnel matters, administrative and operational matters, planning and code enforcement, and legislative and political processes with regard to the fire service. Prerequisite: Junior status or prior Fire/EMS experience.

PADM 332 Fire Prevention Organization and Management **3 credits**

This course examines the factors that shape fire risk and the tools for fire prevention, including risk reduction education, codes and standards, inspection and plans review, fire investigation, research, master planning, various types of influences, and strategies. Prerequisite: Junior Standing or prior Fire/EMS experience.

PADM 335 Personnel Management for Fire and Emergency Services **3 credits**

The course examines relationships and issues in personnel administration and human resource development within the context of fire-related organizations, including personnel management, organizational development, productivity, recruitment and selection, performance management systems, discipline and collective bargaining. Prerequisite: Junior Standing or prior Fire/EMS experience.

PADM 336 Community Planning and Risk Reduction **3 credits**

This course provides a theoretical framework for understanding the ethical, Sociological, organizational, political and legal components of community planning and risk reduction. Topics include comprehensive planning, zoning, building, fire and life safety codes. Pre-requisite: PADM 210 or permission

PADM 340 Foundations of Emergency Medical Services **3 credits**

An overview of the design and operation of emergency medical services (EMS) systems, delivery of services, and the echelons of care. The history of EMS, the interface of public and private organizations and review of the various personnel who comprise these systems will be examined in relation to their impact on the health care delivery system. Prerequisite: Junior Standing or prior Fire/EMS experience.

PADM 341 EMS Management **3 credits**

This course provides the emergency medical services (EMS) leader with the knowledge, skills and abilities necessary for high performance services. Topics include interagency relations, strategic planning, personnel development, fleet management, data collection, communications and incident management for private, government and volunteer-based services. Prerequisites: Junior Standing or prior Fire/EMS experience.

PADM 342 EMS Community Risk Reduction **3 credits**

This course explores the health and injury risks faced by our communities, the demands they place on the emergency medical service (EMS) system, and public education and prevention strategies to reduce their impact. Topics include determining and understanding community demographics, morbidity and mortality studies, emergency care resources and effective communication of risk and prevention. Prerequisite: Junior Standing or prior Fire/EMS experience.

PADM 345 EMS Safety and Risk Management **3 credits**

This course introduces the student to the risk management principles of an EMS agency. The emphasis is on safety from the perspective of the field provider. Prerequisite: Junior Standing or prior Fire/EMS experience.

PADM 346 Legal, Political, and Regulatory Issues in EMS **3 credits**

This course examines the legal aspects of emergency medical services (EMS) and the political and social impacts of legal issues. This course includes a review of the American legal system and in-depth coverage of legal and political issues involving operations, personnel, healthcare regulations, reimbursement and insurance. Prerequisite: Junior Standing or prior Fire/EMS experience.

PADM 381 History Perspective & Reading **3 credits**

This course will explore historical events and individuals who shaped leadership, organizational and commerce practices of a variety of organizational types. A special focus is placed on the role of history's transferrable lessons to modern organizations.

PADM 405 Leading Nonprofit Organizations **3 credits**

Examines approaches to leading non-profit organizations. In this course, students will explore the key tenets of mission-focused leadership, how non-profit organizations build capacity, organize volunteers, create strategic alliances, develop fundraising strategies, and optimize community as well as board member relationships. Prerequisite: PADM 214, PADM 317 and SAEM 440.

PADM 410 Advanced Seminar in Applied Public Management **3 credits**

Designed to capstone other course in the PADM major, this course presents advanced applications of the principles of public administration. Prerequisites: Junior Standing and five courses in Public Administration.

PADM 411 Public Administration Internship **3 credits**

A field experience in areas directly related to public sector employment. Evaluated on a satisfactory/unsatisfactory basis, proficiency requirements are determined through a student contract with the supervising faculty member. Offered during the Fall and Spring terms. Prerequisites: Junior Standing and five courses in Public Administration.

PADM 430 Applications of Fire Research **3 credits**

This course examines the basic principles of research and methodology for analyzing current fire-related research. The course also provides a framework for conducting and evaluating independent research in the following areas: fire dynamics, fire test standards and codes, fire safety, fire modeling, structural fire safety, life safety, firefighter health and safety, automatic detection and suppression, transportation fire hazards, risk analysis and loss control, fire service applied research and new trends in fire-related research. Prerequisite: Senior Standing and PADM 301 or PADM 303, or permission of instructor.

PADM 440 EMS Quality and Performance Management 3 credits
How do we know that emergency medical services (EMS) are meeting the standards and needs of the community? The course includes quantitative, qualitative and mixed methods research approaches, applies to quality assurance, program evaluation and customer service to validate and improve patient care and transport. Prerequisite: Senior Standing and PADM 301 or PADM 303, or permission of instructor.

PADM 194, PADM 294 Selected Topics (CORE) 1-6 credits

PADM 295, PADM 395, PADM 495 Special Topics in Public Administration I, II, III 1-6 credits

PADM 296, PADM 396, PADM 496 Independent Study in Public Administration I, II, III 1-6 credits
Special Request Independent Study Fee: \$65 per credit.

PRODUCTION

PROD 100, PROD 101 Tech Practicum I/II
PROD 100-Fall; PROD 101-Spring 2 credits
Freshmen are assigned to crews as an introduction to general production techniques and procedures. Prerequisites: PROD 100 is acceptance into the program; PROD 101 is PROD 100.

PROD 104, PROD 105 Stage Management Practicum I/II
PROD 104-Fall; PROD 105-Spring 2 credits
Freshmen are assigned to crews as an introduction to general production techniques and procedures. Prerequisites: PROD 104 is acceptance into the Program; PROD 105 is PROD 104.

PROD 113 Stage Operations 2 credits
An introduction to the technical aspects and operation of the stage. This includes types of venues, organizational structures, and backstage operations. The focus of skills learned in this class will be how to run a show, rigging, basic trouble shooting and repair in the areas of scenery, scenic art, lighting, sound, and wardrobe. Prerequisites: Acceptance into the Program.

PROD 124 Fundamentals of Design and Drawing 3 credits
Fundamentals of Design and Drawing covers the underlying elements and principles to visual creation. The class fosters a multidisciplinary design experience, which ultimately aids the collaboration and communication of theater artists. Prerequisites: Acceptance into the Program.

PROD 126 Costume Construction 2 credits
Covers basic sewing techniques, both hand and machine sewing, basic construction methods, measuring an actor and how to use a commercial pattern. A completed garment is constructed during the course. Prerequisites: Acceptance into the Program.

PROD 132 Stage Management I 3 credits
An introductory course in the techniques and practice of stage management, including the organization and preparation of a production book from beginning rehearsals through the closing of a production. This class will investigate the relationship between the stage manager and the artistic, administrative, and production staffs and how to work collaboratively with these staffs. Additional topics include working with the director and actor, stress management, time management and performance maintenance. Prerequisites: Acceptance into the Program.

PROD 140 Theatre Safety 2 credits
A study of theatre safety and occupational health. The course covers fire prevention, chemical safety, risk assessment, emergency procedures, code requirements, and CPR/First aid. Prerequisites: Acceptance into the Program.

PROD 142 Drafting and CAD 3 credits
An introduction to the proper material, methods, and techniques for communicating settings, properties and working drawings through technical drafting. The course will combine the skills of hand drafting and computer aided drafting software to teach the reading and creation of professional quality plates. Designed for beginning students in technical theatre. Prerequisites: Acceptance into the Program.

- PROD 145 Script Analysis** **2 credits**
 An introduction to dramatic text analysis using a variety of techniques. Designed for technical, design and stage management majors. Scripts will be analyzed and related back to the student's specific area of study. Prerequisites: Acceptance into the Program.
- PROD 200, PROD 201 Tech Practicum III/IV** **2 credits**
PROD 200-Fall; PROD 201-Spring
 Intermediate level production assignments for theatre production students on work produced by The Pittsburgh Playhouse. Assignments are awarded at the discretion of the Theatre Production Unit. Prerequisites: PROD 200 is PROD 101; PROD 201 is PROD 200.
- PROD 204, PROD 205 Stage Management Practicum III/IV** **2 credits**
PROD 204-Fall; PROD 205-Spring
 Intermediate level production Assignments for the Stage Management Student. Assignments are awarded at the discretion of the Theatre Production Unit. Prerequisites: PROD 204 is PROD 105; PROD 205 is PROD 204.
- PROD 212 Computer Applications for Managers** **3 credits**
 Basic to advanced use of general managerial software that is commonly used in entertainment. Emphasis is given to special techniques and efficient use of word processors, spreadsheets, databases, etc.
- PROD 213 Carpentry for the Theatre** **2 credits**
 Discussion of common construction methods used in theatre and practical application of techniques in woodworking. Prerequisites: Acceptance into the program.
- PROD 222 Computer Applications for Designers** **3 credits**
 Basic to advanced use of general design software including Adobe Photoshop and Adobe Muse. Emphasis is given to image import, manipulation and composition. The course aims to enable the student to create visual supported presentations (portfolio) on the computer.
- PROD 224 Scenic Painting** **2 credits**
 A study of basic techniques employed by the scenic artist for the recreation of faux finishes. Emphasis is placed on equipment and its maintenance, procedure and practical application to framed scenery and three-dimensional units. Prerequisites: PROD 124.
- PROD 226 Scene Design I** **3 credits**
 An introduction to Scene Design that focuses on the storytelling aspects of Design and Scenography. Students will understand the function and skill of a scenic designer, learn basic techniques of designing in 3D space, practice conceptual development and visual communication skill and undergo the design process with several hands on projects. Prerequisites: PROD 124.
- PROD 227 Lighting I** **3 credits**
 An introduction to Lighting Design that focuses on the storytelling aspects of Light and Scenography. Students will understand the function and skill of a lighting designer, learn basic operations of Light, practice concept development and visual communication skill. This class is "hands-on" and includes many practical applications and experimentation with light. Prerequisites: PROD 124.
- PROD 228 Costume Design I** **3 credits**
 An introduction to Costume Design that focuses on the storytelling aspects of Costume Design and Scenography. Students will understand the function and skill of a costume designer, learn basic costume design skills and practice concept development and visual communication skill. Prerequisites: PROD 124.
- PROD 229 Audio Design I** **2 credits**
 An introduction to the art of sound for the theater. Students will be trained in various techniques of sound design, including recording, mixing, editing and playback software as well as script analysis and creative listening. Prerequisites: Acceptance into the program.
- PROD 243 The Acting/Directing Process** **3 credits**

An introduction to the acting/directing experience that focuses on the communication between technician and artist. The class will relate the actor's and the director's work to the technical major. Prerequisites: Acceptance into the program.

PROD 245 Properties I **2 credits**

An introduction to the procedures, materials and techniques that can be used by the designer or technician in the construction of stage properties. Prerequisites: Acceptance into the program.

PROD 300, PROD 301 Tech Practicum V/VI **2 credits**
PROD 300-Fall; PROD 301-Spring

An advanced level production assignment for theatre productions produced by The Pittsburgh Playhouse to further the skills learned in PROD 200 and PROD 201. Assignments are awarded at the discretion of the Theatre Production Unit and will increase in responsibility from previous assignments. Prerequisites: 200 Level Production Practicum Course.

PROD 304, PROD 305 Stage Management Practicum V/VI **2 credits**
PROD 304-Fall; PROD 305-Spring

Advanced level Production Assignments for the Stage Management Student. Assignments are awarded at the discretion of the Theatre Production Unit. Prerequisites: PROD 304 is PROD 205; PROD 305 is PROD 304.

PROD 313 Technical Design **2 credits**

Discussion and practical application of techniques and methodology related to engineering a designers concept. Students will look at design specifications, concepts designs, detail designs, and designs for manufacture based in the reality of time, budget and labor. Prerequisites: PROD 113 and PROD 213.

PROD 323 Advanced Drawing **2 credits**

This course will further the student's methods of drawing with various media and strengthen the passion to express ideas visually. Students will learn to more consciously access the creative "right side of their brain" and in turn be able to more effectively come up with creative solutions. Prerequisites: PROD 124.

PROD 324 Advanced Scenic Painting **2 credits**

A continuation of basic techniques employed by the scenic artist. Emphasis is placed on color mixing cartooning, procedure and practical application to framed scenery, and three-dimensional units. Prerequisites: PROD 124.

PROD 326 Scene Design II **3 credits**

An in-depth study of theatrical storytelling and techniques in/through Scenic Design. Students will go through the design process of a theatrical Scenic Designer and study in more depth play analysis, technique and aesthetic communication to broaden and enhance the imagination and creation of ideas. Prerequisites: PROD 226.

PROD 327 Lighting Design II **3 credits**

An in-depth study of theatrical storytelling and technical operations in/through Lighting Design. Students will go through the design process of a theatrical Lighting Designer and study in more depth play analysis, technique, equipment, composition and aesthetic psychology effects of stage lighting. Prerequisites: PROD 227.

PROD 328 Costume Design II **3 credits**

An in-depth study of theatrical storytelling and techniques in/through Costume Design. Students will go through the design process of a theatrical Costume Designer and study in more depth play analysis, technique and aesthetic communication to broaden and enhance the imagination and creation of ideas. Prerequisites: PROD 228.

PROD 333 Advanced Stage Management and AEA Contracts **3 credits**

Continues the themes of Stage Management I. Particular attention is given to equity rules of production/performance and problem solving within the AEA contract. Students continue to hone characteristics vital to being a leader, team player and skilled communicator. Prerequisites: PROD 132.

PROD 343 Electricity for the Theatre **2 credits**

Practical application of theories learned in Lighting Design, including building primitive instruments, electrical safety, and wiring. Prerequisites: PROD 227.

PROD 346 Theatre Architecture and Décor **3 credits**

A survey of the chronological development and historical significance of theatre architecture that begins with ancient civilizations and culminates with styles of the twentieth century. Prerequisites: PROD 113 and PROD 124.

- PROD 348 Costume History** **3 credits**
 A study of the chronological development of fashion from the classical Greek world to the twentieth century with a detailed exploration of the basic clothing shapes, accessories, color, texture and quirks of each period. Prerequisites: PROD 124 and PROD 228.
- PROD 361 Advanced CAD** **2 credits**
 A continuation of PROD 142 that focuses on the 3D drafting, renderings, materials, lighting, animations and customizing tools. Prerequisites: PROD 142.
- PROD 362 Metalworking** **2 credits**
 General metal working techniques and teachings involving safety, welding (both GMAW and oxyacetylene), cutting, bending, and fabricating as it refers to theatre construction. Prerequisites: PROD 213.
- PROD 363 Automation** **2 credits**
 The practical applications and theories of the motion of moving scenery, be it moving wagons, turntables, or lifts. Beginning with the fundamentals of physics and Newton's Laws to the practical use of these theories by studying motors, winches, turntables, lifts, and other mechanisms for the stage. The course also focuses on the process of mechanical design for temporary and permanent stage machinery. Topics include design considerations, component selection, construction methods, and safety. Prerequisites: PROD 113, PROD 140, PROD 142, PROD 213 and PROD 313.
- PROD 371 Advanced Costume Constructions** **2 credits**
 T Extensive development of flat patterning and draping skills and more complex construction techniques as methods of creating costumes. Prerequisite: PROD 126.
- PROD 372 Makeup for Production** **2 credits**
 This course introduces the student to makeup design, 3 dimensional makeup, prosthetic makeup, application and creation of beards, mustaches and wigs, non-realistic/fantasy makeup, period makeup and way of achieving quick changes in makeup. Prerequisites: PROD 124.
- PROD 373 Costume Crafts** **2 credits**
 The course will cover such elements as millinery, mask making, jewelry assembly, liquid latex armor, decorative embellishments, constructing ruffs, feather work, machine embroidery and other assorted crafts as time allows. Prerequisites: PROD 126.
- PROD 381 Reading Music** **2 credits**
 The course introduces the fundamentals of music: music terminology, symbols/notation, and concepts. Particular emphasis is placed on developing and applying the knowledge and skills most necessary for stage managers to call shows from a musical score. Prerequisites: Acceptance into the program.
- PROD 382 Properties II** **2 credits**
 An advanced course in Property design and fabrication. This course will investigate unique materials and methods as well as pneumatic, hydraulic and basic robotic effects. Prerequisites: PROD 245.
- PROD 383 Stage Movement for Stage Managers** **2 credits**
 A study of movement techniques and terminology used by performers on stage. This includes dance terms and fight choreography. Prerequisites: PROD 132.
- PROD 391 Audio Engineering** **2 credits**
 An introduction to the various equipment and setups used for sound playback and reinforcement needs of live theatre productions. From this course one will have the knowledge to handle basic sound equipment and setups (drama and musical) and troubleshooting techniques. Prerequisites: PROD 229.
- PROD 392 Video Production** **2 credits**
 This course is an exploration of video and projected design for the stage. The course will investigate the technical and engineering aspects of playback and projections as well as the design considerations within a production. Prerequisites: PROD 113, PROD 124 and PROD 227.
- PROD 393 Vectorworks** **2 credits**

An introductory course in the techniques of Vectorworks for use in the theatre and lighting design. Prerequisites: PROD 142 and PROD 227.

PROD 400 Senior Project I

2 credits

Each B.F.A. student will be assigned a senior project. Projects will be assigned at the discretion of the technical theatre unit. These projects may include; Assistant Designer, Assistant Technical Director, Assistant Stage Manager, department manager or equivalent for a Pittsburgh Playhouse production or an undergraduate thesis. Students are required to research and critically analyze the project showing the student's mastery of critical thinking. The student will meet regularly with his/her mentor and will be required to interview for SETC/USITT. Prerequisites: 300 Level Production Practicum.

PROD 401 Senior Project II

2 credits

Each B.F.A. student will be assigned a senior project. Projects will be assigned at the discretion of the technical theatre unit. These projects may include; designer, technical director, stage manager or equivalent for a Pittsburgh Playhouse production or an undergraduate theses. Students are required to research and critically analyze the project showing the student's mastery of critical thinking. The student will meet regularly with his/her mentor and will be required to interview for SETC/USITT. Prerequisites: Senior B.F.A. Production Major or Area Head Permission.

PROD 413 Technical Direction

3 credits

This class puts in focus everything a student has learned for technical theatre and shows the student how to merge all the processes together. Participants will learn how to supervise workers, estimate and budget shows, create a plan of execution for creating a set and keeping records of the production. Prerequisites: PROD 313.

PROD 426 Scene Design III

3 credits

This course looks further into the art of Scenic Design for Musicals, Opera and Found Spaces. Students will realize their ideas in physical and/or virtual environments and analyze other Scenic Designs while further improving their communication skills with the creative team. Prerequisites: PROD 326.

PROD 427 Lighting Design III

3 credits

This course looks beyond the theatrical application of Lighting Design and prepares the student to design lights for television, architecture or the music industry. Students will realize their ideas in physical and virtual environments and analyze other lighting designs while further improving their communication skills with the creative team. Prerequisites: PROD 327.

PROD 428 Costume Design III

3 credits

This course looks further into the art of costume design. Students will realize their ideas in physical and/or virtual environments and analyze other Costume Designs while further improving their communication skills with the creative team. Prerequisites: PROD 328.

PROD 440 Production Management

3 credits

The course is designed to be an overview of the function of Production Management in the performing arts and all its facets. Budgeting, scheduling, theatre systems, etc. especially in relationship to working with administrative personnel and creative artist. Prerequisites: PROD 132, PROD 113, Two courses of Production Practicums, and Sophomore Standing.

PROD 450 Professional Preparation for Design/Tech

3 credits

In this class the students will study the content and presentation forms of the theatre artist portfolio, resume and cover letter. The student will also advance his/her interview skills. Students will journal their professional development efforts and reflect on their progress weekly. Cover letters, resumes and portfolios (image and text) are created and edited. Ultimately, the intention of this course is to get the student's presentation package ready for future job applications. Prerequisites: Junior or Senior in the B.F.A. Production Program.

PROD 451 Professional Preparation for SM

3 credits

In this class the students will study the content and presentation forms of the manager portfolio, production binders, resume and cover letter. The student will also advance his/her interview skills. Students will journal their professional development efforts and reflect on their progress weekly. Cover letters, resumes and portfolios (image and text) are created and edited. Ultimately, the intention of this course is to get the student's presentation package ready for future job applications. Prerequisites: Junior or Senior in the B.F.A. Production Program.

PROD 194 , PROD 294 Special Topics (CORE)

3 credits

SOCIOLOGY

SOC 111 World Cultures

3 credits

The course serves as an introduction to studying cultural changes from an interdisciplinary, global perspective. Students will consider diverse ways of being, finding meaning, and assigning value that exist in human communities. Common processes and themes of cultural change around the world will be explored.

SOC 150 Sociological Foundations

3 credits

This course introduces students to the main concepts, theories, and methods of the discipline of sociology. Subject matter will include the relationship between the individual and social groups, social institutions, culture, and the social environment. Students will consider how the intersection of social identity, categories (race, ethnicity, class/socioeconomic status, gender, sexuality, religion, and ability status) may impact individual development, with an emphasis on power, privilege, and access to resources in society. Content related to human diversity and social inequality will be a substantial element of this course

SOC 175 Introduction to Global Cultural Studies

3 credits

An introduction to the critical analysis of contemporary global cultural circumstances with special emphasis on developing an appreciation of the complex character of human cultural patterns the world over as well as a global perspective on the dynamics of power and privilege. Dual-listed with GCS 175.

SOC 205 Social Inequality in America

3 credits

An examination of prestige categories, economic stratification, power structures, social mobility and social class. Conflicts deriving from these social conditions are studied. Prerequisite: SOC 150.

SOC 210 Sociology of Work

3 credits

Explores the nature, history and meaning of work, the different types of work and the changing nature of modern work. Prerequisite: PSYC 150 or SOC 150.

SOC 215 Sociology of Criminal Behavior

3 credits

An evaluation of the extensiveness and causes of deviant behavior and a critical assessment of the justice and corrections systems. Prerequisites: PSYC 150; SOC 150.

SOC 224 Employee Assistance Programs

3 credits

An introduction to the history, development and design of employee assistance programs. Emphasis on in-house treatment programs, referral networks and individual consultations. Prerequisites: SOC 150; PSYC 150.

SOC 225 The Anthropology of Belief

3 credits

This course will provide a survey of the position of belief in the lives of humans the world over. Particular attention will be paid to the critical analysis of organized religions as economic and political institutions as well as the contemporary and historical ramifications of the forms of cultural colonization that they have and continue to inspire. Prerequisite: GCS 175.

SOC 228 Eastern European Literature and Culture

3 credits

A study of the literature, culture and history of Eastern Europe. Special emphasis on the effects of Eastern European immigration on American culture and values. Lectures and discussions based on translated literary texts. Dual listed as MLNG 228.

SOC 240 Anthropological Approaches

3 credits

This course introduces students to Cultural Anthropology, the study of contemporary human existence. It provides a survey of the various research methods and theoretical applications that cultural anthropologists have developed over the last century. It pays particular attention to recent scholarship to demonstrate the ways in which Cultural Anthropology is relevant to life in the early 21st century.

SOC 255 Sociology of Sports

3 credits

Explores effect of athletics on modern American social life. These influences are approached sociologically and an attempt is made to assess the impact of athletics on our social institutions. Prerequisite: SOC 150.

- SOC/MLNG 260 Japanese Culture** **3 credits**
 A study of the culture of Japan with special emphasis on the historical development and underlying dynamics of the Japanese world view. Education, child-rearing, business practices, morality, relationships, language, and the arts will be explained.
- SOC 261 Regional Studies: India** **3 credits**
 An inter-disciplinary course examining the history, religions, geography, politics, art, music, economics, social structure and customs of India. Provides students with an understanding of the complex forces that have shaped one of the oldest and most diverse cultures on earth. Special attention is given to ethnic/religious strife, the role of women, and the emergence of India as an economic power in the 21st Century. Dual listed as HIST 261.
- SOC/HIST 263 World History: Central and South America** **3 credits**
 The development of the political, economic, social and cultural history of Latin America since the revolution for independence. Prerequisites: HIST 203, HIST 204; or permission.
- SOC 301 Theories of Sociology** **3 credits**
 This course is a seminar to develop an understanding of, and skills in, sociological theory. In this course students will examine theories that address the greatest social problems of our times(and the times in which the theories emerged). These theories include contemporary theories-for example, on the question of the relationship between nature and society- as well as classical theories of Karl Marx, Max Weber, and Emile Durkheim.
- SOC 307 Hispanic Culture in America** **3 credits**
 An exploration of the sociological effects of Hispanic immigration to America. Focuses on the interaction of Hispanic and traditional American culture and the effects on each in terms of education, values, politics, economics and the family. Prerequisite: SOC 150.
- SOC 308 American Ethnic Groups** **3 credits**
 A study of the cultural values of selected American ethnic groups and their interaction with the dominant American society. Prerequisite: SOC 150.
- SOC/GCS 310 Human Rights in Theory and Practice** **3 credits**
 This course surveys the history, institutions and laws of the international human rights system. It considers their limitations and new developments such as universal jurisdiction. Case studies are used to discuss the political, historical, social and cultural context of inequality which enable human rights abuses, the victims' experiences and means of redress. Students will design and carry out research and advocacy projects relating to human rights abuses. Prerequisites: GCS 175 or permission of instructor
- SOC/HIST 312 Regional Studies: Africa** **3 credits**
 A descriptive and analytical survey of elements of change and continuity in Africa's political, economic, social and cultural institutions through three historical periods: Pre-Colonial, Colonial and Independence. The post-independence era. Prerequisite: History 150 or permission of the instructor.
- SOC/GCS 315 Modern World Systems** **3 credits**
 A study of the ongoing dynamics of the Modern era (15th Century to present) that have fostered the emergence of the current world system; particular attention will be paid to the contemporary character of our "globalizing" world, including such aspects as the increasing global division of labor, neoliberalization, corporatization, etc. Prerequisite: GCS 175.
- SOC 335 Revolutions** **3 credits**
 This course focuses on "revolutions" as globalizing forces in human history; it begins with a discussion of the European Enlightenment and the Industrial Revolutions and proceeds through the American and French revolutions to the Bolshevik Revolution incorporating ancillary "revolutions" along the way, including discussions of some or all of the following: European colonial expansion, the Bolivarian liberation, Fordist production, consumerism, Viet Nam, post industrialization/post-Fordism, postmodernity, neoliberalism, etc. Prerequisite: GCS 175.
- SOC 402 Wealthy White Males** **3 credits**
 An examination of the power elite structure; a historical and critical review of the minority that shapes our lives and manages many of our institutions. The relationship of the "wealthy white males" to global cultures will also be considered.

Various theories of social organization will provide the foundation for this investigative and analytic approach to the American social order.

SOC 415 Women: Historical and Global Perspective 3 credits
What roles and functions do women have in the global arena? Although not a minority, women are still, for the most part, disempowered. The course will explore the position of women - globally - from historical, socio-political, psychological, literary, as well as economic perspectives. Understanding issues such as misogyny and family values will be analyzed in the context of the specific institutions that promote such trends. Dual listed as ENGL 415.

SOC 497, SOC 498 Honors Seminar in Human Sciences I, II 3 credits
Various topics, pursued in depth, chosen at the discretion of the department. Dual listed as PSYC 497, PSYC 498. Prerequisite: Permission.

SOC 194, SOC 294 Special Topics (CORE) 3 credits

SOC 295, SOC 395, SOC 495 Special Topics in Sociology I, II, III 1-6 credits

SOC 296, SOC 396, SOC 496 Independent Study in Sociology I, II, III 1-6 credits
Special Request Independent Study Fee: \$65 per credit.

SOCIAL JUSTICE STUDIES

SJS 101 Foundations in Social Justice Studies 3 credits
This course introduces students to ideas of social justice. A broad overview of conceptualizations of social justice, including distributive justice (equity), deliberative justice (democracy), and redistributive justice (difference), will intersect with critical analyses of the major theoretical approaches to social justice, namely, liberalism, Marxism, and post-structuralism. Students will then apply their conceptual and theoretical understandings of social justice to a series of case studies.

SJS 150 Introduction to Cultural Anthropology 3 credits
Anthropology is the pursuit of the understanding of human existence in all its manifold complexity and, therefore, is subdivided into four subfields: Archaeology, Physical Anthropology, Linguistics and Cultural Anthropology. This class draws on the insight from all four and focuses on the latter, which is concerned with the analysis and understanding of contemporary human experience.

SJS 175 Intro to Human Geography 3 credits
This course introduces students to the fundamental concepts of human geography. The course thus examines the ways in which social life intersects with, produces, and is produced by various places, spaces, territories, locations, borders, landscapes, and scales. Students explore a broad range of geographies from across the world, paying considerable attention to the ways in which social inequalities work through and are reinforced by different geographic patterns. The course also serves to introduce students to some of the key sub-disciplines of human geography, including urban geography, economic geography, and political geography.

SJS 200 Understanding Injustice I 3 credits
An intensive analysis of a facet of understanding injustice and its re/creation locally, nationally, and/or globally. Topics may vary by semester.

SJS 201 Articulating Social Justice I 3 credits
An investigation of a single means by which individuals and groups express and/or enact social justice, locally, nationally, and/or globally. Topics may vary by semester.

SJS 202 Organizing and Advocacy I 3 credits
This course will allow students to explore a set of tools used to organize social justice campaigns and advocate for a social justice cause. Topics may vary by semester.

SJS 203 Direct Practice I 3 credits
This course will allow students to explore and apply a set of direct practice tools in the pursuit of social justice. Topics may vary by semester.

SJS 260 Economic Tools for Advocacy**3 credits**

Students will learn how to use economic tools to advocate for various social justice causes. The course will focus on how strategies such as shareholder activism, boycott campaigns, divestiture, and worker solidarity campaigns, among other tools, can put economic pressure on companies and governments to change their policies. A combination of historical case studies and hypothetical scenarios will illustrate how these tools work on the ground.

SJS 300 Understanding Injustice II**3 credits**

An intensive analysis of multiple facets of understanding injustice and its re/creation locally, nationally, and/or globally. Topics vary by semester. **Prerequisite:** SJS 150 or SJS 175 and SJS 101.

SJS 301 Articulating Social Justice II**3 credits**

An investigation of several means by which individuals and groups express and/or enact social justice, locally, nationally, and/or globally. Topics may vary by semester. **Prerequisite:** SJS 150 or SJS 175 and SJS 101.

SJS 302 Organizing and Advocacy II**3 credits**

This advanced course will allow students to explore and apply a set of tools used to organize social justice campaigns and advocate for a social justice cause. Topic may vary by semester. **Prerequisites:** SJS 202 or CENG 250.

SJS 303 Direct Practice II**3 credits**

This advanced course will allow students to explore and apply a set of direct practice tools in the pursuit of social justice. Topics may vary by semester.

SJS 325 Global Political Economy**3 credits**

This course will survey and investigate the sociocultural dimensions of global political economy, as a comprehensive and systematic approach to understanding of the roots of many of the world's dynamics of inequality. In the process we will interrogate the , analytically distinct but practically intertwined , historical processes associated with the Enlightenment, (European) colonialism, and capitalism, as well as their profound and lasting repercussions on the contemporary world. **Prerequisite:** SJS 150 or SJS 175

SJS 350 Advanced Social Theory**3 credits**

The readings and discussion in this course will survey the history of the Western tradition of social theory. Special focus will be on the 20th century schools of thought, e.g. Existentialism, Neo/Marxism, Structuralism, Post-Structuralism, etc. **Prerequisite:** SJS 101, SJS 150, or SJS 175.

SJS 370 Global Social Justice**3 credits**

This course introduces students to the emergent field of global social justice. A broad overview of conceptualizations of social justice, political, legal, educational, and economic systems, will be analyzed, including notions of equity, theoretical approaches to social justice, liberalism, neoliberalism, and post-structuralism around the world. An understanding of such concepts and systems requires a sound foundation of ethical values with which students will explore, the application of the theory to practice. Student's will then apply their conceptual and theoretical understandings of social justice to a series of case studies, and develop models that are innovative. **Prerequisite:** SJS 101, SJS 150, or SJS 175.

SJS 400 Social Justice and Community Research**3 credits**

Community based participatory research (CBPR) is a research approach that has a strong commitment to social justice. It unites communities and researchers in the collective goal of addressing community-identified needs through a process of sharing power, nurturing co-learning, augmenting assets and ultimately strengthening community capacity. This course will cover theories, principles and strategies of CBPR. It also addresses CBPR's advantages and limitations, the ethics of CBPR, and the necessary skills for taking part in CBPR projects. **Prerequisite:** SJS 101

SJS 405 Social Justice Senior Thesis Capstone**3 credits**

The capstone course for the Social Justice Studies major will allow students to conduct original research and write a thesis on a relevant social justice topic. The research will draw from the work the students completed in their SJS 400 Social Justice and Community Research course. The thesis may also be rooted in the student's practicum experience (SJS 401). Under the guidance of a faculty supervisor, students will collect and analyze data, and write an 8,500-9,500-word thesis in the format of a peer-reviewed journal article. Upon completion of at least a full draft of the thesis, the students will orally present their research in a public forum(e.g., student symposium or other classroom or conference setting). **Prerequisites:** SJS 101 and SJS 400

SOCIAL WORK

- SOCW 105 Marriage and the Family** **3 credits**
 Sociological perspectives on premarital, marital and familial relationships including mate selection, sexuality and sex roles, legal and economic aspects of marriage, growth and conflict, parenthood and marital dissolution.
- SOCW 202 Social Issues** **3 credits**
 An in-depth discussion of selected issues that have a fundamental impact on the social world. Emphasis on the analysis of social problems and the development of possible approaches to them.
- SOCW 221 Introduction to Social Work** **3 credits**
 A general introduction to the goals, problems, practices and procedures of social work.
- SOCW 241 LGBTQ Mental Health** **3 credits**
 This interdisciplinary course provides foundational knowledge and general practice skills for lesbian, gay, bisexual, transgender, and questioning/queer (LGBT) individuals and communities. The course content will include an examination of historical and political perspectives, with an emphasis on contemporary mental health concerns and the psychological impact of stigma and discrimination against members of an LGBTQ communities. Social, psychological, cultural, behavioral, environmental, and biological factors contributing to health and mental health disparities among LGBTQ individuals and communities will be highlighted. Students will also explore ethical and legal issues and debates through the lens of psychology, psychiatry, and social work. Dual listed as PSYC 241.
- SOCW 309 Sociology of the African-American Experience** **3 credits**
 An exploration of the history of people of African descent in America. Considers African-American relationships with social institutions and their effects relative to child development, education, politics, economics and family structure.
- SOCW 326 Social Welfare Policy** **3 credits**
 A study of local, state and federal social service and mental health organizations and agencies. Emphasis on services provided, referral procedures and inter-relationships of various agencies.
- SOCW 350 Sex, Gender, and Identity Politics** **3 credits**
 This survey course is designed for psychology and behavioral sciences major to understand human sexuality, gender, and gender identities, and the role these play in social interaction and public policy. The course will begin with an analysis of current intersectional movements and the social systems and policies they push against. Next, the class will analyze the social construction of the human body and its reproductive capacity. Working through history, the course will then theorize a trajectory of sexuality and gender identity in America today. Students will strengthen their understanding of how oppression, discrimination and violence follow particular issues of sexuality and gender.
- SOCW 352 Research Methodology** **3 credits**
 Emphasis is on understanding the use of methodology, experimental controls, data analysis and scientific communication in psychological and sociological research. Dual listed as PSYC 352. Prerequisites: MATH 175, PSYC 201, PSYC 202, and PSYC 203.
- SOCW 412 Senior Thesis** **3 credits**
 Independent research and study for experience in sophisticated methodology and interpretation of the results of research. Dual listed as PSYC 412. Writing-in-disciplines class. Prerequisite: Senior Standing.
- SOCW 194, SOCW 294 Special Topics (CORE)** **3 credits**
- SOCW 295, SOCW 395 Special Topics in Social Work I, II** **1-6 credits**

SPANISH

- SPAN 101 Elementary Spanish I** **3 credits**
 An introduction to the Spanish language and Hispanic culture through conversation and basic grammar.

SPAN 102 Elementary Spanish II	3 credits
A continuation of SPAN 101. Prerequisite: SPAN 101.	
SPAN 201 Intermediate Spanish I/Translation	3 credits
Reading and translation of various modern Spanish texts. Prerequisite: SPAN 102.	
SPAN 202 Intermediate Spanish II/Conversation	3 credits
Development of conversational fluency and practical composition. Prerequisite: SPAN 102.	
SPAN 211 Introduction to the Cultures of the Caribbean	3 credits
An introduction to the history, politics and culture of the English, French, Spanish and Dutch-speaking areas. Both the European and African traditions of the Caribbean are examined from a historical, cultural and literary perspective. The course is taught in English.	
SPAN 213 Specialized Translation from Spanish	3 credits
Stresses the skills required for translating materials related to the students' majors and career goals. Particular emphasis on language structure and vocabulary. Prerequisite: SPAN 201.	
SPAN 216 Spanish Culture	3 credits
An introduction to Spanish culture and history from the medieval era to the present. Selected historical and literary texts are used to give a panoramic view of Spanish culture. Presented in English. Prerequisite: History 150 or permission of the instructor. Dual listed as HIST 216.	
SPAN 303 Spanish-American Literature	3 credits
A survey of Spanish-American literature from its origins to the present. Prerequisite: SPAN 201 or permission.	
SPAN 194, SPAN 294 Special Topics (CORE)	3 credits
SPAN 295, SPAN 395, SPAN 495 Special Topics in Spanish I, II, III	1-6 credits
SPAN 296, SPAN 396, SPAN 496 Independent Study in Spanish I, II, III	1-6 credits
Special Request Independent Study Fee: \$65 per credit.	

SPECIAL EDUCATION

SPED 180 Special Education and Inclusive Practices	3 credits
This introductory course will provide the student with an overview of the field of special education with emphasis on the evolution of special education and the legal basis for the current types of programs and services delivered to students with disabilities. Students will learn about the various categories of disabilities and the impact of these on the educational programs of special needs students. Students will examine instructional and behavioral strategies that promote positive learning experiences for students with disabilities. Observations of students with disabilities in a variety of educational settings and service delivery models will be required. Interaction will take place with special education professionals who are currently working with and delivering services to students with disabilities in various school settings. Prerequisite: Current clearances as required by PDE.	
SPED 220 Instructional/Assistive Technology and Universal Design	3 credits
This introduction to Assistive and Instructional Technologies will explore the use of a wide range of technology tools that can be utilized to meet the academic and communicative needs of students with special needs and abilities. Students will discuss the legislative, education, and ethical foundations upon which assistive technology integration are grounded. Students will utilize the SETT framework and feature-match principles to identify, apply, and assess instructional and assistive technology tools for use by individual students as well as larger learner groups. Prerequisite: SPED 180.	
SPED 280 Positive Behavioral Interventions and Supports	3 credits
Information and practical training in the implementation of basic classroom management theories and strategies for	

all students, especially those with learning disabilities will be the focus of this course. Students will learn about mandates and current legislation affecting the management of all student behavior in schools. The Positive Behavioral Interventions and Support model will be studied in depth. Data-based and data-driven decision making will be emphasized. Students will also learn and practice strategies for addressing and improving school survival skills, social skills, and specific student behavior problems. Students will understand, develop and practice culturally responsive behavior strategies that promote effective communication and collaboration with students with disabilities and their families. Pre-requisite: SPED 180.

SPED 281 High Incidence Disabilities/Autism Spectrum Disorders 3 credits

This course will provide an overview of how to teach students with high incidence disabilities. Included in this course will be a review of students who are identified as having a learning disability, a mild intellectual disability or an emotional disturbance. The definition causes, and characteristics of each disability will be presented in order for the students to develop a thorough understanding of each disability category. In addition, the programs and services that are available for students with high incidence disabilities and the accommodations that may be necessary in order for them to learn. The importance of building family partnerships and understanding the impact this can have on a student's progress will be discussed. Consideration will be given to the role that collaboration and communication plays in the Individual Education Program (IEP) plan and the ability to successfully program for students with high incidence disability. Pre-requisite: SPED 180.

SPED 282 Evidence Based Effective Instruction: Low Incidence Disabilities 3 credits

This course will provide an introduction to children with physical, multiple, health and sensory disabilities and their educational implications. The material will emphasize the importance of school personnel needing to understand the student's disability in order to meet his or her unique needs and to provide an appropriate education. The students will also learn the importance of a team in order to support a student with complex disabilities as they progress through the educational system. Students with physical, health and multiple disabilities have needs that require many difference types of professional expertise in order to receive an appropriate education. The students will examine the importance of teach approaches as they relate to the education of these students. Some of the disabilities covered in this course are: cerebral palsy, traumatic brain injury and spinal cord injury, spina bifida, osteogenesis imperfect, juvenile rheumatoid arthritis, vision loss, hearing loss, muscular dystrophy, cystic fibrosis. Treatments for the conditions will also be covered. It is important for educators to understand the different conditions and the treatments so that they are better able to work with other specialists involved with their students. The course will also introduce students to the role that families play in the education of their child. The students will also have opportunities to observe students in classrooms and in other therapeutic settings on site and through DVDs. Finally, students will interact with professionals who are currently working with children in schools and therapeutic settings. Prerequisite: SPED 180.

SPED 194, SPED 294 Special Topics (CORE) 3 credits

SPED 380 Differentiated Instructional Practices in the Inclusive Classroom 3 credits

This course will provide information on how educators can differentiate instruction to meet the needs of their students with disabilities in the regular classroom setting. Included in this course will be a review of the components of differentiated instruction and how these components can be implemented in a regular education setting. Students will learn how to assess the learning styles and needs of their students as they acquire skills to manage a classroom where a variety of instructional strategies are used. Data-based and data-driven decision making as it relates to the teaching of academics will be included. While observing lessons in specific content areas, students will analyze instructional practices observed and determine which will be most effective for students with disabilities. Students will be required to demonstrate the strategies presented in class and apply these strategies in demonstration lessons in their areas of potential teacher certification. Pre-requisite: Successful completion of six credits of SPED coursework. APPROVED APPLICATION TO THE EDUCATION DEPARTMENT

SPED 381 Secondary Transition Processes and Procedures 3 credits

This course will provide an introduction to children with Autism Spectrum Disorder (ASD). The material will include current research on causes, characteristics, assessments and treatment of this disorder. The students will receive an overview of the information necessary for a teacher to be adequately informed if they have a student in their class with ASD. The students will also learn the importance of collaborating with other team members in order to support a student with ASD as they progress through the educational system. Areas covered include assessment, evidence based practices, applied behavioral analysis, and the importance of social skills and communication learning. Students will be introduced to the role that families play in the advocacy for their child from their input at an IEP meeting to developing support groups for other families. The students will also have opportunities to observe students with ASD in the classroom and in other therapeutic

settings on site and through DVDs. Finally, students will interact with professionals who are currently working with children with ASD in school and in therapeutic/community settings. Prerequisite: Successful completion of six credits of SPED coursework. APPROVED APPLICATION TO THE EDUCATION DEPARTMENT

SPED 480 Professional Collaboration and Communication 3 credits

This course is designed for the special education teacher candidate. It is designed to help classroom teachers acquire conceptual and skill-based competencies in the area of collaborative consultation in educational teams. Additionally, the course will focus on those skills necessary for interactions with other professionals and parents. Students will examine and apply consultation as an interactive process among team members from various disciplines and expertise, with the goal of creating joint team decisions for learners with diverse needs. Emphasis will be placed on interactive problem solving, collaborative learning, and resource sharing among team members. Prerequisite: Successful completion of six credits of SPED coursework. APPROVED APPLICATION TO THE EDUCATION DEPARTMENT

SPED 481 Intensive Reading, Writing, and Math Interventions 3 credits

This course provides a brief introduction to data collection and effective practices. These assessments help special education teacher candidates understand students in different ways and focus their instruction on effective practices that can be measured and monitored. More in-depth attention will be given to Progress Monitoring/Formative Assessments. Progress monitoring data is crucial to the efficient and effective use of classroom time. Teacher candidates will learn to use ongoing progress monitoring assessments to see if their instruction is having the desired effect and make instructional adjustments as needed. Students will learn to monitor progress through group tests, running records, anecdotal notes, or other observation formats. Students will examine and apply how to use data collection at the primary, secondary, and tertiary levels and connect these effective practices, assess these practices and make modifications in order to monitor and assess for best results. Prerequisite: Successful completion of six credits of SPED coursework. APPROVED APPLICATION TO THE EDUCATION DEPARTMENT

SPED 482 Effective Instructional Practices and Delivery Methods for All Levels of Special Education 3 credits

This course will provide information regarding effective instructional practices including strategies and interventions in the area of reading, writing and mathematics for the special education teacher delivering instruction to students with disabilities. Emphasis in the course will include a history of instructional practices and delivery of intensive instruction in reading and mathematics and the effects on achievement for students with disabilities. In addition, candidates will explore current research based practices and a variety of service delivery models identified as “best practice” with options available for intensive intervention programs and strategies for students with identified disabilities. Candidates will become familiar with PA State Standards, Anchors and Eligible Content in reading and mathematics and the alignment of instructional practices to promote achievement opportunities for all learners. Class participants will experience a variety of “hands on” experiences involve “best practice” programs and strategies. Finally, candidates will be provided with opportunities to interact with professionals who are currently working in educational settings and utilizing intensive instructional practices in reading and mathematics for students receiving special education services. Prerequisite: Successful completion of six credits of SPED coursework. APPROVED APPLICATION TO THE EDUCATION DEPARTMENT

SPORTS, ARTS AND ENTERTAINMENT MANAGEMENT

SAEM 101 Introduction to the SAE Business 3 credits

SAEM 101 functions as an introduction to business basics (emphasis on entrepreneurial skills) within the context of the Sports, Arts and Entertainment industry. Students will receive an opportunity for experiential learning through a SAEM live event assignment and shadowing exercise.

SAEM 152 Business of Live Entertainment 3 credits

This course will cover many facets of the Sports, Arts and Entertainment business, and students will comprehend how live entertainment is a part of all of the disciplines. Highlights include training in the fundamentals of the entertainment business, which includes marketing, promotion, advertising, finance, theatre production, venue management, artist management, artist touring, the recording industry, ticketing operations, sponsorship and more. Prerequisites: SAEM Major, SAEM 101.

SAEM 201 Event Management 3 credits

This class will examine the foundation of sports, arts, and entertainment event management. Students will understand concept development, site selection, marketing, budgeting, sponsorship and volunteer management for events. This course

will address major trends and successful business practices in event management today. Prerequisites: SAEM 101.

SAEM 202 Marketing and Promotion for SAEM

3 credits

Students will be able to apply fundamental marketing and promotional concepts to the sports, arts and entertainment industry. Utilizing these theories, students will identify the consumer and product markets and develop appropriate marketing and promotional plans. Prerequisites: SAEM 101.

SAEM 210 Digital Marketing

3 credits

The internet and related technology skills are required by most business today – particularly in the realm of marketing. You'll learn the basic language of the online marketing ecosystem including advertising, search engine optimization/management, analytics, content development/deployment and social media. This is a hybrid course, combining online learning with in-person implementation of learning with real clients during our class time. Dual Listed with BMGT 210. Prerequisites: SAEM 202 or MKTS 205.

SAEM 230 The Business of Concert Promotion and Touring

3 credits

This course is a practical guide to creating, selling, organizing, and staging concerts and tours. Topics include: creating the show, being paid, budgeting, promoting and ticketing the show, making money on the road, various types of talent buyers and much more! Prerequisites: SAEM major; Sophomore Standing.

SAEM 231 Concert and Music Festival Touring

3 credits

This course will focus on several advanced aspects of the Concert and Music Festival industry. It will give students a deeper look into the touring industry of concert promotion, booking bands, duties of a talent agent and band managers and the general knowledge of jobs and opportunities available in the live entertainment industry. Prerequisites: SAEM major; Sophomore Standing.

SAEM 240 Performing Arts Presenting and Touring

3 credits

This course will examine performing arts presenting and touring operations including for-profit and nonprofit entities including: theatres, dance ensembles, classical music, and opera. Prerequisites: SAEM/COPA Major, SAEM 202.

SAEM 250 Career Prep

1 credits

This class will groom students for entry into the professional world by developing foundational skills in interviewing, and marketing themselves utilizing resumes, cover letters, social media, and e-portfolios. Prerequisites: SAEM Major, SAEM 101.

SAEM 194, SAEM 294 Selected Topics (CORE)

1-6 credits

SAEM 301 Facilities and Venue Design

3 credits

This course focuses on the principles and practices of operating Sports, Arts and Entertainment venues and recreational facilities. Emphasis is on the management of such facilities, in addition to security, staffing, operations, budgeting and other related areas. This course also focuses on the technical demands and methods for equipping and operating sports, arts and entertainment venue. Prerequisites: SAEM Major, SAEM 201, SAEM 202.

SAEM 303 Advertising, Public Relations & Social Media

3 credits

This course explores Sports, Arts and Entertainment both as vehicles for product services of advertising and public relations as well as entities that are in constant need of advertising and public relations. Course covers strategies/tactics for promoting via advertising, public relations, and social media. Course also explores sponsorship, public relations plans, crisis public relations and social media. Prerequisites: SAEM Major, SAEM 201, SAEM 202.

SAEM 310 Personal Branding & Business Development

3 credits

A business development career path includes opportunities in media supported advertising and sponsorships and live entertainment sponsorship, premium seating, ticketing. In this course you will build your own professional personal brand and conduct business with appropriate and expected etiquette. You'll learn to prospect, conduct a needs analysis, create and deliver a proposal and develop strong client relationships. Prerequisites: SAEM Major, SAEM 202.

SAEM 320 Ticketing

3 credits

This class will explain to students ticketing in the Sports, Arts and Entertainment industries. Emphasis will be on gaining expertise in various ticketing systems. Prerequisites: SAEM Major, SAEM 202.

SAEM 325 Essential Fundraising Principles**3 credits**

This course encompasses the fundamental theories behind designing a fundraising plan for nonprofit arts organizations, as well as practical experience in writing an annual fund appeal, researching foundations, composing a grant; and website and social media analysis. Techniques for soliciting various sources of contributed income will be discussed, including: individuals, corporations, foundations and government entities. Prerequisites: Open to all University majors; Junior Standing.

SAEM 331 Production Tour Management**3 credits**

This course will explore the duties of a live entertainment production manager. What are the skill sets needed to work in this industry? How do you create a production crew that tours with a band? What are their responsibilities? How to interact with unions, and develop a tour budget? Prerequisites: SAEM 152.

SAEM 332 Emerging Trends in the Music Industry**3 credits**

In this course students will discover the process of how to effectively promote and sell music online. Students will be expected to demonstrate comprehension of the tools that are available to build an artist's fan base. Prerequisites: SAEM 334.

SAEM 333 Pioneer Records**3 credits**

Students will gain hands-on experience assisting the University's record label, Pioneer Records, in its effort to manage and promote each yearly artist in areas such as operations, studio recording, marketing(distribution to radio stations, graphic design, public relations, etc) and booking. Prerequisite: SAEM 152

SAEM 334 Business of Concert and Touring**3 credits**

This course will focus on several advanced aspects of the concert entertainment business, and is a practical guide to creating, selling, organizing and staging concerts. Some of the areas covered include contracts, riders, preparation for the show, what takes place on the night of the show, getting paid, marketing, promoter vocabulary and more. Prerequisites: SAEM 152.

SAEM 350 Sports, Arts, and Entertainment Management Internship(s)**3-9-credits-each**

Internships provide students with hands on experience at sports, arts, and entertainment organizations. Students gain practical experience, enhance skills learned in the classroom, and acquire contacts with professionals in SAEM. This course requires students to complete 150 hours in the field, be evaluated by their supervisors and prepare a report. For SAEM/COPA dual majors who are considering continuing for their MBA, a total of 250 hours is required. Students must be approved prior to beginning their internship and should have a Q.P.A. of 3.0 or higher. Prerequisites: SAEM major with approval; SAEM 250.

SAEM 353 Talent Management**3 credits**

This course provides the academic foundation for individuals interested in pursuing a career as a sports agent/talent agent. The course serves as an overview of the issues involved with talent management. Topics include: the history of the agent industry; federal, state, and university rules and regulations; client recruitment; draft preparation; contract negotiations; and the branding of a client. In addition students will explore client relations, tax preparation and estate planning. Prerequisites: SAEM major; Junior or Senior Standing.

SAEM 354 Media Management**3 credits**

This course examines the attributes of managing and operating an electronic media property in the age of constant technology innovation. Course outline includes financial management, human resources, programming, sales and federal regulations. This course will provide a broad understanding of the business economics underlying the rapidly changing media business and a more focused understanding of how to apply marketing principals and concepts to media strategies. Media management and marketing is designed to provide students with detailed insight into the structures, processes, economics and education surrounding the media industries in the United States in the early 21st century. Prerequisites: SAEM Major, SAEM 202 Junior Standing.

SAEM 360 Sports Agents**3 credits**

This course is designed for students interested in the sports agent management business. The industry will be covered from four major perspectives: (1) Legal Representation, (2) contract negotiations, (3) marketing & public relations support, (4) all other services that agents provide their clients in this ever-growing marketplace. Prerequisites: SAEM Major, SAEM 250.

- SAEM 361 Sports Ethics** **3 credits**
 This course will provide the student with an intensive evaluation of ethics in sports and sports management, as well as strategies to help ensure ethical, legal and socially responsible conduct. The course will utilize excerpts from texts, outside materials (*New York Times*, *Sports Illustrated*), guest lecturers and discussion questions to explore ethical theory, ethical codes and most importantly – topical issues. Students will be expected to learn the technical differences of ethical theories and codes, to see both sides of ethical arguments and to develop a working ethical code that they can fall back on as they confront ethical issues in the future. Prerequisites: SAEM Major, SAEM 250.
- SAEM 362 Sports Leadership** **3 credits**
 This course will help students understand the importance of leadership development, strategy and execution. Students will gain practical insights that can be applied to any sports organization that strives to operate on the principles of integrity. Prerequisites: SAEM Major, SAEM 250.
- SAEM 364 Media Relations in Sports** **3 credits**
 This course is designed to provide students with the opportunity to examine and critically analyze real-world media relation practices in sports. The course will explore all aspects associated with media relations including: social media; ethics in the media; media writing; time management; special events; and interacting with the media. Prerequisites: SAEM Major, SAEM 202, SAEM 303.
- SAEM 401 Legal Aspects of Sports, Arts & Entertainment** **3 credits**
 Utilizing case law, this course will provide an in depth discussion of the role of the law in the sports, art and entertainment industry. Students will gain a comprehensive understanding of the SAE industry through in-class discussions, legal briefings, textbook and trade publications. Prerequisites: SAEM Major, BMGT 201, Junior Standing.
- SAEM 420 Producing Commercial and Nonprofit Performing Arts** **3 credits**
 This course explores the business of producing Broadway, commercial theatre and dance, as well as nonprofit performing arts. Students will analyze best practices for producing including programming, raising capital, securing and scheduling venues, artistic and working with unions. Prerequisites: SAEM Major, SAEM 202, Junior Standing.
- SAEM 445 Advance Fundraising** **3 credits**
 This course encompasses advanced fundraising theories for nonprofit organizations including: cultivating donors, developing fundraising plans, working with board of directors, selecting relationship management software, capital campaigns, and planned giving. Prerequisites: Open to all University majors; SAEM 325; Junior Standing.
- SAEM 460 Sports, Arts and Entertainment Management Internship II** **3 credits**
 Internships provide students with hands on experience at sports, arts, and entertainment organizations. Students gain practical experience, enhance skills learned in the classroom, and acquire contacts with professionals in SAEM. This course requires students to complete 150 hours in the field, be evaluated by their supervisor and prepare a report. For SAEM/COPA dual majors who are considering continuing for their MBA, a total of 250 hours is required. Students must be approved prior to beginning their internship and should have a Q.P.A. of 3.0 or higher. Prerequisite: SAEM major with approval; SAEM 350.
- SAEM 461 Sports, Arts and Entertainment Management Internship III** **3 credits**
 Internships provide students with hands on experience at sports, arts, and entertainment organizations. Students gain practical experience, enhance skills learned in the classroom, and acquire contacts with professionals in SAEM. This course requires students to complete 150 hours in the field, be evaluated by their supervisor and prepare a report. For SAEM/COPA dual majors who are considering continuing for their MBA, a total of 250 hours is required. Students must be approved prior to beginning their internship and should have a Q.P.A. of 3.0 or higher. Prerequisite: SAEM major with approval; SAEM 460.
- SAEM 480 SAEM Capstone: Business Models of SAE** **3 credits**
 This capstone class requires students to interpret knowledge gained throughout their coursework in the University core and SAEM program in order to conceptualize a business model canvas, analyze a company's business model, and to create a business plan for a theoretical sports, arts or entertainment related company. An e-portfolio will be utilized for assessment purposes. Prerequisites: SAEM Major, ACCT 220, 90+ Credits.

THEATRE ARTS

All sequential courses must have a passing grade and be taken in order. An "F" grade in THEA 101 or THEA 104, etc. would keep a student from taking the second half (THEA 102 or THEA 105). A minimum "C" grade average is required to advance to the next level. This applies to all technique classes (Movement, Voice & Speech, Acting, Singing, and Musical Theatre).

THEA 101, THEA 102 Acting I, II

2 credits

A yearlong immersion in the Stanislavski system through text analysis, exercises and scene work. For theatre performance majors only. Prerequisite for THEA 102 is THEA 101.

THEA 104, THEA 105 Voice and Speech I, II

2 credits

A yearlong immersion in the fundamental foundation of voice training for the actor; physical awareness, breath, and the free release of sound. Resonance, range, articulation, vocal clarity and expressiveness are also emphasized. Open to theatre performance majors only. Prerequisite THEA 105 is THEA 104.

THEA 109 Elements of Stagecraft I

2 credits

Technical problems of stage production such as scene construction and painting, stage lighting and equipment and costume construction in laboratory and actual productions. Dual listed as DANC 109. Prerequisite: Audition or Interview and acceptance into the program..

THEA 111, THEA 112 Introduction to Acting I, II

3 credits

An introduction to the acting process through exercises scene work and monologue work, improvisation, lecture, play analysis and attendance at live performances. Open to all University majors. Recommended for Dance majors.

THEA 114, THEA 115 Stage Movement I, II

2 credits

A year long course with an introduction to body awareness through various techniques in order to free habitual habits of tensions and increase range and freedom of expression for the actor. For Acting and Performance & Practices majors only.

THEA 116 Principles of Singing I

1 credit

An introduction to the basics of singing(i.e. breath, resonance, support, articulation, registration and interpretation) This course will focus on achievement and application of the beginning principles of healthy vocal technique. Prerequisites :Dance Major with a Jazz Concentration/BFA Acting or elective with permission.

THEA 117 Principles of Singing II

1 credit

This course will focus on the application of healthy vocal technique, ear training, sight singing, and solo and ensemble singing.

THEA 118 Stage Make-up

1 credit

Introduces corrective and character make-up procedures for the stage.

THEA 119 Ensemble Lab I

2 credits

This ensemble lab is an extension of the work in the current year's acting, voice, and stage movement courses. Topics may include: movement , voice, acting techniques, improvisation, text, rehearsal and performance, devised work, special topics and techniques, and others. Prerequisite: THEA 101, BFA Theatre Arts Major

THEA 137 Foundations of Musical Theatre Technique I

1 credit

This course lays the foundations for musical theater techniques. It is an introduction to the dramaturgical aspect of musical theatre: text analysis, exploration of music, lyric and libretto with the emphasis on the American musical. Prerequisites: MUS 123.. Prerequisite: THEA 136

THEA 138 Musical Theatre History

2 credits

The study of history and styles of the American Musical and its hybrids through the use of texts, musical recordings, video, television, film and archival footage.

THEA 140, THEA 141 Production I, II

2 credits

Freshmen are assigned to crews as an introduction to general production techniques and procedures. Prerequisites: THEA 140 is an audition/interview and acceptance into the program; THEA 141 is THEA 140.

THEA 200 Principles of Acting for Musical Theatre I **2 credits**
Principles of Acting for Musical Theatre I is part one of a two semester course in which the student will explore the use of text, lyric and music in various styles within Musical Theatre. Prerequisite: MUS 123, MUS 124 or permission from the chair.

THEA 201 Principles of Acting for Musical Theatre II **2 credits**
Principles of Acting for Musical Theatre II is part two of a two semester course in which the student will learn repertoire and explore the skills required for the various styles of musical theater as it pertains to Musical Theatre auditions. Prerequisite: MUS 123, MUS 124 or permission from the chair.

THEA 205, THEA 206 Acting III, IV **2 credits**
An intermediate level course designed to strengthen basic acting skills with increased emphasis on text analysis and character development. Includes instruction on audition techniques. Open to theatre performance majors only. Prerequisite: .Prerequisite for THEA 206 is THEA 205.

THEA 207, THEA 208 Stage Movement II **2 credits**
A year-long course. Builds upon stage movement one with an emphasis on strengthening kinesthetic skills and the exploration of physical impulse within text. Prerequisites: Minimum "C" average in THEA 114/115. For acting and performance & practice majors only.

THEA 210, THEA 211 Directing I, II **3 credits**
Fundamentals of directing the play beginning with analyzing the script, moving to physical planning of a performance to actual presentation of fully rehearsed scenes. Prerequisite for THEA 210 is THEA 109; THEA 211 is THEA 210.

THEA 213, THEA 214 Voice and Speech III, IV **2 credits**
The study of phonetics, clear diction, and unaccented speech will be continued. Voice and speech skills will be expanded to include the exploration of text and heightened language. Various texts that place a greater physical and vocal demand on the actor will be studied. Minimum "C" grade in THEA 104/105. For performance majors only. Prerequisite for THEA 214 is THEA 213. For performance majors only.

THEA 218, THEA 219 Ensemble Lab III, IV **2 credits**
This ensemble lab is an extension of the work in the current year's devising, playwriting, and directing classes. Topics may include: Improvisation, rehearsal and performance, devised work, movement, voice, acting techniques, text, and other special topics. Prereq:THEA119,BFA Theatre major or by permission

THEA 225 Theatre History I **3 credits**
A comprehensive survey of Western (and influential non-Western) theatre from classical times to the late 17th century. Open to all university majors.

THEA 226 Theatre History II **3 credits**
A comprehensive survey of Western (and influential non-Western) theatre from the 18th century to the present. Open to all university majors.

THEA 230 Introduction to Theatre **3 credits**
Introduction to Theatre is a beginning survey of the theatre arts - a starting point toward a general appreciation of the dramatic form and theatrical process. The course explores theatre's historical significance and its contemporary relevance. Students will actively participate in several theatrical activities in the roles of playwrights, critics, actors and designers over eight weeks to develop some understanding of the collaborative process that goes into staging a play, in order that they may become informed artistic audiences in the future.

THEA 237, THEA 238 Musical Theatre Techniques Level I, II **2 credits**
Song Analysis through the use of the fundamentals of acting and the exploration of text, lyric and music. Emphasis is placed on the actor/singer's interpretation based on the information provided by the composer, lyricist and librettist. Prerequisites: THEA 137 with a minimum "C" average, B.F.A. Musical Theatre Majors Only.

THEA 240, THEA 241 Production/Rehearsal/Performance I, II **2 credits**

Advanced crew assignments and auditions for roles in theatre productions. Prerequisite: THEA 141. A student must be registered for production in order to be cast. Prerequisite: For THEA 240 - THEA 141, for THEA 241- THEA 240.

THEA 250 Script Analysis

2 credits

An introduction to text analysis using a variety of techniques. Scripts will be analyzed and related back to the student's specific area of study. Prerequisites: ENGL 101; THEA 225, Second semester Sophomore Theatre Arts major.

THEA 260 Devised Theatre I

3 credits

This course introduces students to the collaborative processes and aesthetics essential to making devised theatre. Devised theatre is a collaborative, often improvisational form of work by a group of people that is often physically driven, and may utilize non-traditional narrative structures and aesthetics. A devised piece of theatre has a unified vision shaped through continuous group discussion and employing a variety of theatrical practices. Beginning with the exploration of an idea based in literature, images, historical or political events, devisers then develop a structure and sequence through a rehearsal process that culminates in performance. BFA Theatre Arts Major or by permission.

THEA 261 Devised Theatre II

3 credits

This course allows students to continue developing the collaborative processes and aesthetics essential to making devised theatre. Devised theatre is a collaborative, often improvisational form of work by a group of people that is often physically driven, and may utilize non-traditional narrative structures and aesthetics. A devised piece of theatre has a unified vision shaped through continuous group discussion and employing a variety of theatrical practices. Beginning with the exploration of an idea based in literature, images, historical or political events, devisers then develop a structure and sequence through a rehearsal process that culminates in performance. BFA Theatre Arts Major or by permission.

THEA 270 Improvisation for the Actor Elective

2 credits

The student will be encouraged to discover the possibilities of the imagination and to cultivate spontaneity, and will be provided with opportunities to exercise their possibilities. The student will learn basic improvisational performance skills, and will use their skills to create original work. Prerequisites: Minimum "C" grade in THEA 102 and THEA 105.

THEA 280 Playwriting I

3 credits

THEA 280 is an introduction to the craft of playwriting, with a focus on the basic elements of conflict, character, plot, dialogue, and setting and how they can be integrated to produce a stage-worthy short play. Prerequisites: ENGL 101 or equivalent.

THEA 290 Contemporary Drama: Plays & Playwrights

3 credits

An intensive study of contemporary drama, including major plays/playwrights and established and emerging forms/genres of drama. Students will read, discuss, view, and write about contemporary drama and its diverse range of voices. Prerequisites: ENGL 101

THEA 292 Introduction to Performance Studies

3 credits

This course introduces the field of performance studies and examines the performative nature of the continuum of human actions (example, theatre, solo performance, ritual, sports, performance art, street performance, dance, music/sound/art installations) and incorporate aspects of theatre history, theory and practice, anthropology, sociology, communication and cultural studies to understand the broad range of performance and how it impacts our society. This course will allow students to theorize performance studies through a practical project. Prerequisites: ENGL 101

THEA 301 Acting V

2 credits

An advanced acting course designed to strengthen skills by incorporating voice, speech and movement training, historical research and advanced acting skills with an emphasis on Shakespeare. Prerequisite: THEA 205/206, 213/214. Open to BFA acting and musical theatre majors only, or by permission.

THEA 302 Acting VI

2 credits

An advanced acting course designed to strengthen acting skills, integrating voice, speech, movement, and research on classical or stylized material. Prerequisite: Minimum C grade in THEA 301. Open to BFA acting majors only, or by permission.

THEA 303 Shakespeare: Page to Stage

3 credits

This course introduces students to the plays of William Shakespeare, including exploration and analysis of their structure, themes, plots, language, versification, music, and characters. Emphasis will be on transferring knowledge of Shakespeare's work from "page to stage" via short performance projects linked to studies of the plays. BFA Theatre Arts Majors or by permission.

THEA 304, THEA 305 Voice and Speech V, VI **2 credits**

The voice and speech skills acquired in previous semesters will be applied to the exploration of text and heightened language. Various texts that place a greater physical and vocal demand on the actor will be studied. Prerequisite: Minimum of a C in THEA 213,214. Open to BFA acting and MT majors only, or by permission. Prerequisite for THEA 305 is THEA 301 and THEA 304.

THEA 307, THEA 308 Directing III, IV **3 credits**

An extensive seminar/workshop in which the student director enhances his/her knowledge of both the art and craft of directing. Through the emphasis is primarily the *Raymond Laine Once Act Festival*, or similar one-act structures, the aspects of craft and the organizational tools necessary for the evolution of the dramatic process will be studied. Prerequisites: THEA 307 is THEA 210 and THEA 211 and permission of instructor.

THEA 309 Acting for the Camera **3 credits**

The fundamentals of acting for film and television are reviewed and guidance is provided in independent research and creativity through scene study. Also included are seminars with guest lectures concerning the business aspect of the performing arts. Open to theatre performance majors, or by invitation. Prerequisite: THEA 207, Theatre Major.

THEA 311, THEA 312 Stage Movement III **2 credits**

A year-long course with a concentration on extended and stylized movement with a focus on research, preparations and compositions. Prerequisites: Minimum "C" average in Movement Level II. Prerequisite for THEA 312 is THEA 311. For performance majors only.

THEA 318, THEA 319 Ensemble Lab IV, V **2 credits**

This ensemble lab is an extension of the work in the current year's advanced levels in directing, playwriting, contemporary drama, and performance courses. Topics may include: Stage combat, devised work, rehearsal and performance, devised work, movement, voice, acting techniques, text, and other special topics. Prereq:THEA218 ,BFA Theatre major or by permission.

THEA 321 Repertoire **2 credits**

The actor/singer actively learns the repertoire of material available to the musical theater performer. Emphasis is in the development of a book of songs with marketable and appropriate material. Prerequisites: THEA 237 and THEA 238 with a minimum "C" average, and BFA Musical Theatre Major.

THEA 322 Junior Musical Theatre Lab **4 credits**

The practical application of all aspects of actor training culminating in the development of musical theatre performance. Emphasis is on coachability, the rehearsal process, development of character and material and the relationship between the audience and performer. Prerequisites: THEA 237, 238, 337, and BFA Musical Theatre Major.

THEA 323, THEA 324 Studio III **2 credits**

This studio is an extension of the work in the current year's acting classes. Topics may include: rehearsal and performance, devised work, special techniques, and others. Open to BFA Acting majors only, or by invitation. Prerequisites: THEA 224, BFA Acting Major

THEA 337, THEA 338 Musical Theatre Techniques Level III **2 credits**

Continuing to apply the fundamentals of acting and the exploration of text, lyric and music , the actor/singer explores the various styles within the repertoire and the demands of heightened text as it relates to musical theater. The emphasis is on scene study. Prerequisites: THEA 237 and 238 with a minimum "C" average and B.F.A. Musical Theatre Majors Only

THEA 340, THEA 341 Production/Rehearsal/Performance III, IV **2 credits**

A continuation of THEA 241. Prerequisite: THEA 241.

THEA 374 Experimental Theatre **3 credits**

This course will examine the movements and artists from the twentieth century to today, beginning with the Futurists and all forms of 'the new' that followed: avant-garde, Dada, Surrealism, Complicit, La Mama, SITI Company, Wooster Group, and others. Students will trace the Futurists' focus on speed, technology, youth, violence, and objects such as the car and industrial city to contemporary and emerging art forms, media, and performance today, and examine the century of avant-garde art that informs today's non-traditional theatre making.

THEA 400 Senior Showcase

3 credits

A preparatory workshop for the annual New York City showcase, the capstone project for BFA performance majors. Emphasis will be given to the selection and use of performance material (songs, monologues, choreography, scenes) in preparation for the performance of the showcase. Additionally, emphasis will be placed on all aspects of a professional career in New York and other cities, including marketability, business acumen, audition and interview techniques, and relationships with agents, managers and casting directors. Prerequisites: BFA Acting/Musical Theatre Major in good standing; Acceptance into the Showcase (NYC)

THEA 403 Theatre Professional Seminar

3 credits

Students transitioning into the world of professional acting will greatly benefit from an introduction to the basics of the business. Theatre Professional Seminar will provide weekly seminars on a variety of topics from acting unions to taxes for the performer. This course will provide students with the necessary information to operate with credibility and competence in the world of professional theatre and aid in the transition from university to career. Prerequisites: Theatre major only, THEA206, 208, 210, 214, 238 or by permission of department chair.

THEA 409 Advanced Topics in Musical Theatre

2 credits

Specific topics chosen for a specialized course of study for the advanced musical theatre student. Prerequisites: Musical Theatre Major

THEA 411, THEA 412 Stage Movement IV

2 credits

This is an advanced level course that helps the actor synthesize their stage movement training. Special topics may include stage combat, and may also include demonstrating specific techniques, and non-naturalistic styles, among others. THEA 411 is a prerequisite for advancement into THEA 412. Open to BFA Acting majors only, or by invitation.

THEA 413 Voice and Speech VII

2 credits

This course will focus on special topics in voice and speech with an emphasis in preparing the student for the professional world. Areas of specialization may include voice over technique. Prerequisite: Minimum 'C' grade in THEA 304 and 305. For performance majors only.

THEA 414 Voice and Speech VIII

2 credits

This course will focus on special topics in voice and speech with an emphasis in preparing the student for the professional world. Areas of specialization may include voice over technique, Alexander work, or other topics suitable for advanced level study. Prerequisite: THEA 413. For performance majors only.

THEA 415, THEA 416 Acting VII , VIII

2 credits

This is an advanced-level course that helps the actor synthesize their training. Special topics may include: specific acting techniques, development of a major role, ensemble creation, solo performance, and non-naturalistic styles, among others. THEA415 is a prerequisite for advancement into THEA416. Prerequisites: THEA 302. Open to BFA acting majors only, or by invitation by the department chair.

THEA 423 Studio V

2 credits

This studio is an extension of the work in previous semesters of performance classes. Topics may include: rehearsal and performance, devised work, special techniques, or other skill sets deemed most useful to the cohort. BFA Acting Seniors.

THEA 437, THEA 438 Musical Theatre Techniques Level IV

2 credits

An advanced class for the fourth year musical theatre major. Emphasis is given to further developing the skills required for the various styles of musical theater and expanding the repertoire in preparation for entering the profession. Prerequisite: THEA 322, 337, 338, and B.F.A. Musical Theatre Majors Only.

THEA 470 Senior Capstone

3 credits

This senior capstone is a performance project that synthesizes a student's skills in performance, communication, and scholarship utilizing research, analysis, interpretation, rehearsal, meetings with a faculty advisor, production director or other artistic staff, written components, and culminating in a performance. Topics and theatrical forms are negotiable (devised work, original play, etc.), as is exploration/collaboration with additional disciplines (dance, design, etc.) or professional employment/internship. Prerequisites: By permission of instructor.

THEA 194, THEA 294 Special Topics (CORE)	3 credits
THEA 295, THEA395, THEA 495 Special Topics in Theatre Arts I, II, III	1-6 credits
THEA 296, THEA 396, THEA 496 Independent Study in Theatre Arts I, II, III	1-6 credits
Special Request Independent Study Fee: \$65 per credit.	

UNIVERSITY EXPERIENCE

UNIV 101 City-University Life **3 credits**

This course introduces students to the kinds of communities that people construct for themselves (e.g. social, political, artistic, etc.) and the values and dynamics that define such communities (e.g. cooperation, civility, tolerance, responsibility, etc.). The notion of what it means to be a responsible member of the “community” will actively be explored and discussed by engagement and analysis of multiple communities: the classroom community, the Point Park University community, and the Pittsburgh community. Students will also examine the responsibilities they have to their personal academic development.

UNIV 102 University and Community Life **3 credits**

This course introduces students to the kinds of communities that people construct for themselves (e.g. social, political, artistic, etc.), explores how those communities are defined, and analyzes the values and dynamics that define online and on-ground communities. The notion of what it means to be a responsible member of the “community” will actively be explored and discussed through engagement and analysis of multiple communities including the online classroom community and the Point Park University community. Students will also begin to develop research skills, and analyze and create texts with attention to audience and purpose.

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