

University Catalog

2022-2023



University of
Pittsburgh
Greensburg

Academic Calendar



University of Pittsburgh

ACADEMIC CALENDAR • 2022-23

Dates highlighted in yellow apply to all schools on all University campuses. Those in blue apply only to the Pittsburgh campus.

Official dates for degrees awarded apply to all schools on all University campuses. Specific dates affecting the professional programs in the Schools of Dental Medicine, Law, Medicine, Pharmacy, Health and Rehabilitation Sciences, and the Joseph M. Katz Graduate School of Business may be obtained from the appropriate Dean's Office.

* Employees covered by the collective bargaining agreements will be governed by the terms of those agreements.

NOTE: THE UNIVERSITY RESERVES THE RIGHT TO MAKE SUCH CALENDAR CHANGES AS IT DEEMS NECESSARY

☒ All Campus Dates

☒ Pittsburgh Campus Only

Mix-in: All, None

August 2022

Begins			Ends		Campus
8/2/2022	Tuesday	New Faculty Orientation: New Faculty Support for Teaching and Learning	8/2/2022	Tuesday	Pittsburgh Campus
8/3/2022	Wednesday	New Faculty Orientation: Library Resources for Teaching and Research Across All Campuses	8/3/2022	Wednesday	Pittsburgh Campus
8/6/2022	Saturday	Summer 12-WEEK, 6-WEEK-2, 4-WEEK-3 sessions end: Final examinations scheduled during last class meeting	8/6/2022	Saturday	All Campuses
8/10/2022	Wednesday	Summer 12-WEEK, 6-WEEK-2, 4-WEEK-3 sessions grades must be approved by instructors by 11:59 p.m.	8/10/2022	Wednesday	Pittsburgh Campus
8/13/2022	Saturday	Official date for awarding degrees	8/13/2022	Saturday	All Campuses
8/13/2022	Saturday	Summer Term Ends: Final examinations scheduled during last class meeting	8/13/2022	Saturday	All Campuses
8/14/2022	Sunday	Residence halls close	8/14/2022	Sunday	Pittsburgh Campus
8/15/2022	Monday	Office of International Services (OIS) Graduate and	8/15/2022	Monday	

		Professional Student Orientation			Pittsburgh Campus
8/17/2022	Wednesday	Summer Term grades must be approved by instructors by 11:59 p.m	8/17/2022	Wednesday	Pittsburgh Campus
8/17/2022	Wednesday	International Undergraduate Student Orientation	8/21/2022	Sunday	Pittsburgh Campus
8/17/2022	Wednesday	New Faculty Orientation: Research at Pitt for New Faculty: STEM	8/17/2022	Wednesday	Pittsburgh Campus
8/17/2022	Wednesday	Staff Council	8/17/2022	Wednesday	Pittsburgh Campus
8/20/2022	Saturday	Residence halls open	8/20/2022	Saturday	Pittsburgh Campus
8/20/2022	Saturday	Welcome Week	8/28/2022	Sunday	Pittsburgh Campus
8/23/2022	Tuesday	New Graduate and Professional Student Orientation	8/23/2022	Tuesday	Pittsburgh Campus
8/24/2022	Wednesday	New First-Year and Transfer Undergraduate Student Convocation	8/24/2022	Wednesday	Pittsburgh Campus
8/26/2022	Friday	New Teaching Assistant Orientation	8/26/2022	Friday	Pittsburgh Campus
8/29/2022	Monday	Fall Term enrollment period ends for all students	8/29/2022	Monday	All Campuses
8/29/2022	Monday	Fall Term classes begin	8/29/2022	Monday	All Campuses

September 2022

Begins			Ends		Campus
9/5/2022	Monday	Labor Day (University closed)	9/5/2022	Monday	All Campuses
9/9/2022	Friday	Fall Term add/drop period ends	9/9/2022	Friday	All Campuses
9/10/2022	Saturday	Fall Term extended drop period begins (Undergraduate Students Only)	9/10/2022	Saturday	All Campuses (Guidelines)
9/16/2022	Friday	Fall Term extended drop period ends (Undergraduate Students Only)	9/16/2022	Friday	All Campuses

9/17/2022	Saturday	Constitution Day	9/17/2022	Saturday	Pittsburgh Campus
9/20/2022	Tuesday	New Faculty Orientation: Welcome to New Faculty Reception	9/20/2022	Tuesday	Pittsburgh Campus
9/21/2022	Wednesday	Staff Council	9/21/2022	Wednesday	Pittsburgh Campus
9/23/2022	Friday	Family Weekend	9/25/2022	Sunday	Pittsburgh Campus

October 2022

Begins			Ends		Campus
10/6/2022	Thursday	Homecoming	10/9/2022	Sunday	Pittsburgh Campus
10/14/2022	Friday	Fall Break for students	10/14/2022	Friday	All Campuses
10/19/2022	Wednesday	Staff Council	10/19/2022	Wednesday	Pittsburgh Campus
10/28/2022	Friday	Spring Term enrollment appointments begin (Veteran Students)	10/28/2022	Friday	All Campuses
10/28/2022	Friday	Fall Term deadline for students to submit Monitored Withdrawal forms to Dean's Office	10/28/2022	Friday	All Campuses
10/28/2022	Friday	Final Exam Conflict Form Submission Deadline	10/28/2022	Friday	All Campuses (Final Exam Conflict G...
10/31/2022	Monday	Spring Term enrollment appointments begin (Non-Veteran Students)	10/31/2022	Monday	All Campuses

November 2022

Begins			Ends		Campus
11/11/2022	Friday	Last day for Spring Term enrollment appointments	11/11/2022	Friday	All Campuses
11/12/2022	Saturday	Spring Term open enrollment begins	11/12/2022	Saturday	All Campuses
11/16/2022	Wednesday	Staff Council	11/16/2022	Wednesday	Pittsburgh Campus
11/20/2022	Sunday	Thanksgiving Recess for students (no classes), all schools	11/27/2022	Sunday	All Campuses

11/24/2022	Thursday	Thanksgiving Recess for faculty and staff (University closed)	11/25/2022	Friday	All Campuses
11/28/2022	Monday	Classes resume (all schools)	11/28/2022	Monday	All Campuses

December 2022

Begins			Ends		Campus
12/9/2022	Friday	Fall Term: Last day for undergraduate day classes	12/9/2022	Friday	All Campuses
12/10/2022	Saturday	Reading Day	12/10/2022	Saturday	All Campuses
12/10/2022	Saturday	CGS, Saturday Only, graduate, and evening classes meet during this period; final exams held during last scheduled class	12/17/2022	Saturday	All Campuses
12/12/2022	Monday	Final examination period for undergraduate day classes	12/16/2022	Friday	Pittsburgh Campus
12/17/2022	Saturday	Fall Term Ends: Official date for degrees awarded in Fall Term	12/17/2022	Saturday	All Campuses
12/18/2022	Sunday	Winter Recess for students (no classes), all schools	1/8/2023	Sunday	All Campuses
12/18/2022	Sunday	Residence halls close	12/18/2022	Sunday	Pittsburgh Campus
12/20/2022	Tuesday	Fall Term grades must be approved by instructors by 11:59 p.m.	12/20/2022	Tuesday	Pittsburgh Campus
12/23/2022	Friday	Winter Recess for faculty, staff, & designated offices. Responsibility centers & research projects staffed as necessary.	1/2/2023	Monday	All Campuses

January 2023

Begins			Ends		Campus
12/18/2022	Sunday	Winter Recess for students (no classes), all schools	1/8/2023	Sunday	All Campuses
12/23/2022	Friday	Winter Recess for faculty, staff, & designated offices. Responsibility centers & research projects staffed as necessary.	1/2/2023	Monday	All Campuses
1/3/2023	Tuesday	All University offices and buildings reopen	1/3/2023	Tuesday	All Campuses
1/7/2023	Saturday	Residence halls reopen	1/7/2023	Saturday	Pittsburgh Campus
1/9/2023	Monday	Spring Term enrollment period ends for all students	1/9/2023	Monday	All Campuses

1/9/2023	Monday	Spring Term classes begin	1/9/2023	Monday	All Campuses
1/16/2023	Monday	Dr. Martin Luther King's birthday observance (University closed)	1/16/2023	Monday	All Campuses
1/20/2023	Friday	Spring Term add/drop period ends	1/20/2023	Friday	All Campuses
1/21/2023	Saturday	Spring Term extended drop period begins (Undergraduate Students Only)	1/21/2023	Saturday	All Campuses (Guidelines)
1/27/2023	Friday	Spring Term extended drop period ends (Undergraduate Students Only)	1/27/2023	Friday	All Campuses

February 2023

Begins			Ends		Campus
2/10/2023	Friday	Summer Term open enrollment begins (Veteran Students)	2/10/2023	Friday	All Campuses
2/13/2023	Monday	Summer Term open enrollment begins (Non-Veteran Students)	2/13/2023	Monday	All Campuses

March 2023

Begins			Ends		Campus
3/5/2023	Sunday	Spring Recess for students (no classes); offices and buildings remain open, except on Friday, Spring Holiday	3/12/2023	Sunday	All Campuses
3/10/2023	Friday	University's observance of Spring Holiday (University closed)	3/10/2023	Friday	All Campuses
3/17/2023	Friday	Final Exam Conflict Form Submission Deadline	3/17/2023	Friday	All Campuses (Final Exam Conflict...)
3/17/2023	Friday	Spring Term deadline for students to submit Monitored Withdrawal forms to Dean's Office	3/17/2023	Friday	All Campuses
3/24/2023	Friday	Fall Term enrollment appointments begin (Veteran Students)	3/24/2023	Friday	All Campuses
3/27/2023	Monday	Fall Term enrollment appointments begin (Non-Veteran Students)	3/27/2023	Monday	All Campuses

April 2023

Begins			Ends		Campus
4/4/2023	Tuesday	Graduate and Post-Doctoral Honors Convocation	4/4/2023	Tuesday	Pittsburgh Campus
4/7/2023	Friday	Faculty Honors Convocation	4/7/2023	Friday	All Campuses

4/7/2023	Friday	Last day for Fall Term enrollment appointments	4/7/2023	Friday	All Campuses
4/8/2023	Saturday	Fall Term open enrollment period begins	4/8/2023	Saturday	All Campuses
4/21/2023	Friday	Spring Term: Last day for undergraduate day classes	4/21/2023	Friday	All Campuses
4/22/2023	Saturday	Reading Day	4/22/2023	Saturday	All Campuses
4/22/2023	Saturday	CGS, Saturday Only, graduate, and evening classes meet during this period; final exams held during last scheduled class	4/29/2023	Saturday	Pittsburgh Campus
4/24/2023	Monday	Final examination period for undergraduate day classes	4/28/2023	Friday	Pittsburgh Campus
4/29/2023	Saturday	Spring Term Ends: Official date for degrees awarded in Spring Term	4/29/2023	Saturday	All Campuses
4/29/2023	Saturday	Senior Honors Convocation	4/29/2023	Saturday	Pittsburgh Campus
4/30/2023	Sunday	Residence halls close (except for graduating seniors)	4/30/2023	Sunday	
4/30/2023	Sunday	Annual Undergraduate Commencement Convocation	4/30/2023	Sunday	Pittsburgh Campus

May 2023

Begins			Ends		Campus
5/3/2023	Wednesday	Spring Term grades must be approved by instructors by 11:59 p.m.	5/3/2023	Wednesday	Pittsburgh Campus
5/7/2023	Sunday	Summer Term Residence halls open	5/7/2023	Sunday	Pittsburgh Campus
5/8/2023	Monday	Summer Term enrollment period ends and classes begin	5/8/2023	Monday	All Campuses
5/15/2023	Monday	Summer 12-WEEK, 6-WEEK-1, 4-WEEK-1 sessions enrollment period ends and classes begin	5/15/2023	Monday	All Campuses
5/17/2023	Wednesday	Summer 4-WEEK-1 and 6-WEEK-1 sessions add/drop period ends	5/17/2023	Wednesday	All Campuses
5/19/2023	Friday	Summer Term add/drop period ends	5/19/2023	Friday	All Campuses
5/22/2023	Monday	Summer 12-WEEK session add/drop period ends	5/22/2023	Monday	All Campuses
5/27/2023	Saturday	Official date for degrees awarded in the School of Law and School of Dental Medicine	5/27/2023	Saturday	Pittsburgh

			Campus		
5/29/2023	Monday	Memorial Day (University closed)	5/29/2023	Monday	All Campuses
5/31/2023	Wednesday	Summer 4-WEEK-1 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	5/31/2023	Wednesday	

June 2023

Begins			Ends		Campus
6/2/2023	Friday	Summer 6-WEEK-1 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	6/2/2023	Friday	All Campuses
6/10/2023	Saturday	Summer 4-WEEK-1 session ends: Final examinations scheduled during last class meeting	6/10/2023	Saturday	All Campuses
6/12/2023	Monday	Summer 4-WEEK-2 session enrollment period ends and classes begin	6/12/2023	Monday	All Campuses
6/14/2023	Wednesday	Summer 4-WEEK-2 session add/drop period ends	6/14/2023	Wednesday	All Campuses
6/14/2023	Wednesday	Summer 4-WEEK-1 session grades must be approved by instructors by 11:59 p.m.	6/14/2023	Wednesday	Pittsburgh Campus
6/19/2023	Monday	Juneteenth (University Closed)	6/19/2023	Monday	All Campuses
6/24/2023	Saturday	Official date for awarding of degrees	6/24/2023	Saturday	All Campuses
6/24/2023	Saturday	Summer 6-WEEK-1 session ends: Final examinations scheduled during last class meeting	6/24/2023	Saturday	All Campuses
6/26/2023	Monday	Summer 6-WEEK-2 session enrollment period ends and classes begin	6/26/2023	Monday	All Campuses
6/28/2023	Wednesday	Summer 6-WEEK-2 session add/drop period ends	6/28/2023	Wednesday	All Campuses
6/28/2023	Wednesday	Summer 6-WEEK-1 session grades must be approved by instructors by 11:59 p.m.	6/28/2023	Wednesday	Pittsburgh Campus
6/28/2023	Wednesday	Summer 4-WEEK-2 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	6/28/2023	Wednesday	All Campuses

July 2023

Begins			Ends		Campus
7/4/2023	Tuesday	Independence Day (University Closed)	7/4/2023	Tuesday	All Campuses
7/7/2023	Friday	Summer Term and 12-WEEK session deadline for students to submit Monitored Withdrawal forms to Dean's Office	7/7/2023	Friday	All Campuses
7/8/2023	Saturday	Summer 4-WEEK-2 session ends: Final examinations scheduled during last class meeting	7/8/2023	Saturday	All Campuses

7/10/2023	Monday	Summer 4-WEEK-3 session enrollment period ends and classes begin	7/10/2023	Monday	All Campuses
7/12/2023	Wednesday	Summer 4-WEEK-3 session add/drop period ends	7/12/2023	Wednesday	All Campuses
7/12/2023	Wednesday	Summer 4-WEEK-2 session grades must be approved by instructors by 11:59 p.m.	7/12/2023	Wednesday	Pittsburgh Campus
7/21/2023	Friday	Summer 6-WEEK-2 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	7/21/2023	Friday	All Campuses
7/26/2023	Wednesday	Summer 4-WEEK-3 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	7/26/2023	Wednesday	All Campuses

August 2023

Begins			Ends		Campus
8/5/2023	Saturday	Summer 12-WEEK, 6-WEEK-2, 4-WEEK-3 sessions end: Final examinations scheduled during last class meeting	8/5/2023	Saturday	All Campuses
8/9/2023	Wednesday	Summer 12-WEEK, 6-WEEK-2, 4-WEEK-3 sessions grades must be approved by instructors by 11:59 p.m.	8/9/2023	Wednesday	Pittsburgh Campus
8/12/2023	Saturday	Official date for awarding degrees	8/12/2023	Saturday	All Campuses
8/12/2023	Saturday	Summer Term Ends: Final examinations scheduled during last class meeting	8/12/2023	Saturday	All Campuses
8/13/2023	Sunday	Residence halls close	8/13/2023	Sunday	Pittsburgh Campus
8/16/2023	Wednesday	Summer Term grades must be approved by instructors by 11:59 p.m.	8/16/2023	Wednesday	Pittsburgh Campus

Events calendar powered by 25Live

Printed: Thursday, July 28, 2022 at 4:18 PM PDT

Calendar events displayed in Eastern Daylight Time

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Catalog Home

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Whether you are interested in attending the University of Pittsburgh, or are already enrolled, you can search the Catalog to obtain campus information, academic programs, policies, and courses. For any questions, Contact us!

University of Pittsburgh Nondiscrimination Policy Statement

The University of Pittsburgh, as an educational institution and as an employer, values equality of opportunity, human dignity, and racial/ethnic and cultural diversity. Accordingly, the University prohibits and will not engage in discrimination or harassment on the basis of race, color, religion, national origin, ancestry, sex, age, marital status, familial status, sexual orientation, gender identity and expression, genetic information, disability, or status as a veteran. The University also prohibits and will not engage in retaliation against any person who makes a claim of discrimination or harassment or who provides information in such an investigation. Further, the University will continue to take affirmative steps to support and advance these values consistent with the University's mission.

For information on University equal opportunity and affirmative action programs, please contact: University of Pittsburgh, Office of Diversity and Inclusion, Cheryl Ruffin, Institutional Equity Manager, 4415 Fifth Avenue, 2nd Floor Webster Hall, Pittsburgh, PA 15260 (412) 648-7860.

For complete details on the University's Nondiscrimination Policy, please refer to CS 07 Nondiscrimination, Equal Opportunity, and Affirmative Action Policy. For information on how to file a complaint under this policy, please refer to CS 07 Nondiscrimination and Anti-Harassment Procedure.

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Catalog Help

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About the University of Pittsburgh at Greensburg

Mission Statement

To welcome students from all backgrounds and provide them with a high-quality, affordable education to become skilled, responsible, adaptable professionals and global citizens. The University enriches the region through community engagement, scholarship, artistic expression, and workforce development.

Accreditation

The University of Pittsburgh is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104, (267) 284 - 5000. Schools, programs, and departments may furthermore be accredited by discipline-specific accrediting bodies.

Campus and Community

History of the Campus

A regional campus of the University of Pittsburgh, the University of Pittsburgh at Greensburg opened for business on Sept. 3, 1963 in downtown Greensburg's Vogel Building. During the past 60 years, the campus has grown from an institution offering two-year degrees to become, in 1988, a four-year liberal arts college that offers 31 baccalaureate degree programs, 30 minors, and four certificate programs. In 2017, collaborating with the acclaimed University of Pittsburgh School of Nursing, Pitt-Greensburg became the first college in Westmoreland County to offer an accredited bachelor's of nursing degree.

The campus also has experienced physical growth. On June 29, 1964, the Charles Lynch Estate was purchased and classes and offices were established in the family mansion, now known as Lynch Hall. During the decades that followed, new construction added 27 structures, including multi-use buildings, classroom buildings, residence halls, and a modern library-all on 219 wooded acres. Frank A. Cassell Hall, the campus' first sustainable building with Gold LEED certification, opened for use in 2012 and houses IT and the computer center along with faculty offices and classrooms. Scheduled to open for classes in January 2023 is the new Life Sciences Building, the campus' second sustainable LEED-certified building. The Pitt-Greensburg educational experience is further enhanced by a multimedia lab in Millstein Library that provides students, faculty, and staff with state-of-the-art digital equipment.

Nearly 1300 students are enrolled at Pitt-Greensburg, with the majority of students recruited from Allegheny, Fayette, and Westmoreland counties. The student-to-faculty ratio is 16-to-1 and the average class size is 17.5. A publicly assisted school that offers the resources of a world-renowned university combined with the individualized and immersive experiences of a small liberal arts college, Pitt-Greensburg is proud of its more than 10,000 alumni-many of whom continue to live and work in southwestern Pennsylvania.

Campus Community

The University of Pittsburgh at Greensburg offers a safe, close-knit community that welcomes students and their families. Faculty, staff, and students interact in the classroom and beyond-collaborating on community service projects and research projects or enjoying athletic or campus events.

With a 16-to-1 student to faculty ratio and an average of 17.5 students per class, the academic environment provides personalized guidance from faculty who help students to see the connection between the skills they are learning and the abilities they will need as working professionals. Undergraduate research opportunities are available and encouraged, further preparing students for graduate and professional school or careers. A dedicated staff provides a variety of other services that range from handling administrative support to career development to mental health care and more.

Pitt-Greensburg enrolls nearly 1300 full-time students, more than 600 of whom live in the five residence halls on campus. Peer mentoring and commuter mentoring programs help first-year students and new transfer students to quickly adjust to campus life. More than 50 campus clubs and organizations provide opportunities to meet other students, enhance established skills, or explore new interests.

As part of the University of Pittsburgh system, Pitt-Greensburg connects the best of big and small school environments, allowing students to explore the resources of Pitt-one of the nation's most prestigious research institutions-and the individualized immersive experiences of a small liberal arts college.

Employees

- Faculty: 122 (76 full-time; 46 regular part-time)
- Staff: 118 (102 regular full-time; 3 regular part-time; 12 temporary part-time)

Academic Facilities

- **Mary Lou Campana Chapel and Lecture Center**, an intimate 165-seat auditorium;
- **Frank A. Cassell Hall**, a Gold LEED-certified sustainable building, that features classrooms, a student computer center, and offices;
- **Chambers Hall**, the campus student center that includes Wagner Dining Hall, Bobcat Station, the Ronnie Andrews Fitness Center, the Campus Bookstore, the Office of Student Services, and the gymnasium;
- **Ferguson Theater**, a 266-seat auditorium capable of supporting theater productions and other public events.
- **Lynch Hall**, a stately historic mansion that now serves as the administrative center of campus;
- **McKenna Hall**, which offers classrooms and additional computer facilities;
- **Millstein Library**, provides research support for faculty, staff, and students. In addition to instruction and reference services, the library offers a collection of print materials, online resources, computer workstations and a digital media lab.
- **Powers Hall**, which houses classrooms, faculty offices, and a small auditorium;
- **Smith Hall**, featuring classrooms, faculty offices, and biology, chemistry, and other natural science laboratories; and
- **Village Hall**, a multi-use building located in the center of the Academic Village that houses the Coffeehouse, and offices as wells as classroom and meeting spaces.
- In addition to the Chambers Hall Gymnasium, Pitt-Greensburg's athletes compete on a softball field, a baseball field, a soccer field, and practice field.

Athletics

As a member of the Allegheny Mountain Collegiate Conference (AMCC), Pitt-Greensburg fields 13 NCAA Division III athletic teams including:

- **Men's teams:** baseball, basketball, cross country, golf, soccer, tennis.
- **Women's teams:** basketball, bowling, cross country, soccer, softball, tennis, volleyball.

Learn more about Pitt-Greensburg Athletics at <http://pittgreensburgathletics.com/>

Clubs & Organizations

More than 50 clubs and organizations exist at Pitt-Greensburg, including the Student Government Association and the Student Activities Board. These groups provide opportunities for out-of-classroom learning, as well as leadership experience. Learn more at www.greensburgpitt.campuslabs.com/engage.

Community Service

Pitt-Greensburg students learn first-hand that community service does good-and feels good. Whether it's through the semesterly "Into the Streets" event, Pitt Make A Difference Day, MLK Day of Service, Circle K International, Habitat for Humanity, Outdoor Adventure and Community Service, American Red Cross, or other organizations and classes, Pitt-Greensburg students volunteer hundreds of hours in the Greensburg community each month.

Global Experiences

Students attending Pitt-Greensburg may take advantage of the wide range of programs available through the University of Pittsburgh Global Experiences Office, including study abroad and study away. Scholarship opportunities are available, including through the prestigious Vira I. Heinz Program. For more information, contact the on-campus Study Abroad Coordinator, <https://www.greensburg.pitt.edu/academics/global-experiences>.

Honor Societies

Students are encouraged to excel academically as evidenced by the national honor societies with chapters at Pitt-Greensburg. These include:

- Alpha Phi Sigma - National Criminal Justice Honor Society;
- Beta Beta Beta - National Honor and Professional Society for Biological Sciences;
- Chi Alpha Sigma - National College Athlete Honor Society;
- Delta Psi Omega - National Theatre Honor Society;
- DaVinci Society - Juniors and Seniors selected for academic excellence, leadership, service and international experience;
- Gamma Sigma Epsilon - National Chemistry Honor Society;
- Lambda Pi Eta - National Communication Honor Society;
- Phi Eta Sigma - National Freshman Honor Society;
- Phi Kappa Phi - the nation's oldest, largest, and most selective academic honor society that recognizes and promotes academic excellence in all fields of higher education;
- Phi Gamma Mu - Social Science Honor Society;
- Phi Lambda Theta - Education Honor Society;
- Pi Mu Epsilon - National Mathematics Honors Society;
- Pi Sigma Alpha - National Political Science Honor Society;
- Psi Chi - National Psychology Honor Society;
- SALUTE - Veterans Honor Society;
- National Technology Honor Society - IT Honor Society;
- Sigma Theta Tau - Nursing Honor Society;
- Sigma Tau Delta - National English Honor Society.

Throughout the year, Pitt-Greensburg offers a wide range of lectures, musical performances, and theatrical performances to the community-frequently at no charge to the public. These include programming offered by the Academic Village, a Pitt-Greensburg innovation that integrates the curricular and extra-curricular experiences of students (see Academic Village section).

Additional information about student activities may be found at www.greensburg.pitt.edu/student-life

Military Friendly School

Pitt-Greensburg has been selected a "Military Friendly School" (2012 to present) by *GI Jobs Magazine*. The title recognizes colleges, universities, and trade schools that are doing the most to embrace America's service members and veterans as students.

Alumni

Pitt-Greensburg's alumni number more than 10,000 and the majority reside in Westmoreland County. From the campus' inception in 1963 through 1987, our students graduated with two-year (associate) degrees. In 1988, Pitt-Greensburg was authorized to offer four-year (baccalaureate) degrees. Our alumni include those students who attended Pitt-Greensburg for two semesters or more.

The Community Beyond Campus

The University of Pittsburgh at Greensburg is situated on a 219-acre campus in suburban Hempfield Township, three miles southeast of the City of Greensburg and approximately 40 miles southeast of the City of Pittsburgh. Nestled in Pennsylvania's beautiful Laurel Highlands, the campus is surrounded by outdoor recreation venues, dining establishments, shopping plazas, and the region's rich history. Pitt-Greensburg is a five-minute drive from uptown Greensburg and less than an hour's drive from Pittsburgh.

In particular, nearby recreational opportunities abound via the Five Star Trail, The Palace Theatre, The Westmoreland Museum of American Art, and AMC Classic Westmoreland 15 Movie Theater. A wide variety of restaurants and other dining options are available, including popular chains, international offerings, and independent restaurants. Churches representing a variety of denominations also welcome students.

Pitt-Greensburg is an official stop on the Westmoreland Transit System, making it possible for students to visit Westmoreland Mall, the downtown Greensburg Shopping District, and the Greensburg Cultural District. Grocery stores and other shopping centers dot the Route 30 corridor. Visiting families can take advantage of hotel/motel accommodations located close to campus.

Students and local businesses both benefit from the Pitt-Plus program, sponsored by the campus Student Government Association (SGA). Students receive discounts by showing their student ID at participating locations. Look for the Pitt-Plus logo displayed in the windows of businesses partnering with the SGA.

For 60 years, Pitt-Greensburg has provided support and services to the greater Greensburg Community. From community service projects done by our students, faculty, and staff to lectures and performances that are open to the public, Pitt-Greensburg is a regional resource. That strong relationship with the community is also illustrated by the variety of internships through local businesses and organizations as well as the annual career fairs in which our students participate. The Center for Applied Research (CFAR) regularly works with community businesses and organizations, which in turn provides experiential learning opportunities for students.

Campus Facilities

Academic Village

The Academic Village is comprised of six buildings (Apollo House, Athena House, Franklin House, Marshall House, Mead House, and Selene House). Each building contains eight apartments and each apartment houses four students. Each apartment contains four single bedrooms, two bathrooms, a living room, and a kitchen. The kitchen has a full-size refrigerator, range oven, microwave, dishwasher, sink and cabinets. Admission to Academic Village housing is competitive and is based upon a student's application and academic record. See the Academic Villages section for more information about the Academic Village at Pitt-Greensburg and the Housing and Residence Life section for information on applying for Village housing.

Bobcat Park (Baseball Field)

Pitt-Greensburg's baseball field is located behind Millstein Library and is part of the Ridilla Athletic fields. The field, most recently renovated in 2011, features a grass infield and outfield, along with bricked dugouts and a batting cage located in center field.

Kenneth E. Bell Memorial Nature Trail

The Kenneth E. Bell Memorial Nature Trail, named in memory of a botanist, expert naturalist, and professor of Biology, is accessible from the campus parking lot below the First Baptist Church. The trail is more than one-quarter of a mile in length and passes through a rich woodland of diverse established trees and plants.

Mary Lou Campana Chapel and Lecture Center

The 4,600 square foot facility includes a 165-seat theater for plays, musical programs, and lectures. The chapel is open to the Pitt-Greensburg community and the public as a place for spiritual reflection.

Frank A. Cassell Hall

Cassell Hall serves as the campus computer center. Its facilities include a large walk-in computing lab, one computer classroom, one training classroom, one video classroom, and offices for computer center staff and faculty. The Department of Computing Services and Telecommunications, located in Cassell Hall, supports both academic and administrative users of computers, networks, and telephones.

Chambers Hall

As the student center, Chambers Hall is the major social and recreational hub for the Pitt-Greensburg campus. The information desk, just inside the main doors, is where students sign up for events, purchase tickets, borrow athletic equipment, etc. Recreational facilities include the Ronnie Andrews Fitness Center, gymnasium, game room, and running track. Dining facilities include a cafeteria (Wagner Dining Hall) and a snack bar (Bobcat Station). The Fireside Lounge and the Hempfield Room provide spaces for formal and informal meetings. The Campus Bookstore is also on the first floor. The second floor of Chambers Hall is home to the Office of the Dean of Student Services, the Office of Housing and Residence Life, the Health Center, the Counseling Center, the Career Service Center, and the Athletic Department. The offices for the Student Government Association (SGA) and the Student Activities Board (SAB), as well as other student organizations are also on the second floor.

College Hall

College Hall is a traditional-style residence facility for as many as 144 students. Rooms in College Hall are shared by two to three students and have private baths, carpeting, and air conditioning. There is also a large TV room, recreation room, and two large study rooms located in the building.

Faculty Office Building

Offices for faculty in the Division of Humanities and Behavioral Sciences are found in the Faculty Office Building.

Fountain

The Pitt-Greensburg Fountain, constructed in 2000, is a well-recognized landmark that marks the two entrances to campus, the Finoli Drive entrance and the Lynch Drive entrance.

Life Sciences Building

The Life Sciences Building is currently under construction and will be open for the spring semester, 2023. The building will house state-of-the-art biology, chemistry, and biochemistry laboratories and classrooms, as well as the departmental faculty offices for the School of Nursing.

Lynch Hall

The offices for the Campus President, Vice President for Academic Affairs, and Assistant Vice President for Academic Affairs are located in Lynch Hall. In addition, Lynch Hall is home to the Office of Human Resources, the Title IX Office, the Office of University Relations and Institutional Advancement (including Foundation and Corporate Relations, Media Relations, Alumni Affairs, and Online Communications), and the Director of Finance and Risk Management.

McKenna Hall

McKenna Hall houses two computer classrooms, two regular classrooms, one VLI classroom, Residence Life offices, and supports both academic and administrative users with infrastructure for network and telephone connections.

Millstein Library

In addition to its library facilities, Millstein Library is home to the Office of Financial Aid, the Office of the Registrar, the Academic Advising Center, the Study Abroad Office, the Learning Resources Center, and the Office of Business Services and Student Accounts.

Facilities Management

This building serves as the hub of the Facilities Management Department with offices on the second floor and a workshop on the ground floor.

Powers Hall

Powers Hall is the major classroom building at Pitt-Greensburg containing 13 classrooms, a small auditorium, and faculty offices. All of the classrooms in Powers Hall are equipped as electronic classrooms to facilitate the use of multimedia and instructional technology.

Ridilla Athletic Fields

The Ridilla Athletic Fields, established in 1989, are located behind Millstein Library and Lynch Hall. They feature two full-sized soccer fields, as well as Pitt-Greensburg's baseball field (Bobcat Park).

Robertshaw Hall

Robertshaw Hall is a traditional-style residence facility for 96 students. Rooms in this hall house two students, and every two rooms share a bathroom. The building offers a spacious TV lounge, two study rooms, a large main lobby, a recreation room, and the best view of the beautiful campus.

Rossetti House

Rossetti House is an attractive colonial-style house originally converted for use as a residence hall. In 2005, it was adapted to office space and now houses the Office of Admissions. It contains 9 offices, a conference room, a reception area, a lunch room, and several storage areas.

Safety and Security Center

The Greensburg Campus Police Building, attached to the west end of Smith Hall, houses the campus police, mail service, and telephone operator.

Albert B. Smith Hall

Smith Hall contains eight classrooms, science laboratories, offices for most of the faculty in the Division of Natural Sciences, and the 266-seat Ferguson Theater. All of the Smith Hall classrooms are equipped as electronic classrooms with facilities for multimedia and computer presentations.

Softball Field

Pitt-Greensburg's \$1 million state-of-the-art softball field opened for play in March 2012. Home to the Pitt-Greensburg softball team, it features a beautiful playing surface, two cement dugouts, on-site batting cages, two bullpens, and paved parking for 20 to 25 vehicles.

University Court

University Court is a three-building, apartment-style residence for as many as 130 students. Each apartment contains 2 bedrooms, a large living room, a dining alcove, a kitchen, and a modern bathroom. Four to five students share the apartment.

Village Hall

Village Hall provides shared meeting and programming space for the Academic Village. The campus coffeehouse as well as offices for the Director of the Village and the student newspaper are also located in Village Hall. Student mailboxes for Village residents and a lounge area can also be found in Village Hall. See the Academic Village section for more details on Pitt-Greensburg's Academic Village program.

Westmoreland Hall

The newest residential space built at Pitt-Greensburg opened in fall 2005. Westmoreland Hall is an apartment-style residence hall that offers single bedrooms for 93 students. Each apartment has four single bedrooms, a spacious living room, two bathrooms, and a kitchenette. The kitchenette includes a full-size refrigerator, microwave, sink, and cabinet space.

Computer Facilities

Pitt-Greensburg provides its students with easy access to a rich array of computing and networked information resources. Every residence hall room/apartment is equipped with network ports for PittNet and Internet access, and all students receive a significant package of productivity software that includes Microsoft Windows and Microsoft Office at no cost.

The primary, state-of-the-art computing lab in Frank A. Cassell Hall features seventy-eight machines, each Energy Star compliant to the highest possible level. In this, and the other four computing labs available for students, students have access to a variety of software for document processing, programming, data management, statistical analysis, second language study, and mathematical and scientific exploration, as well as facilities for printing. A digital media lab is also available that provides a rich array of digital tools from cameras, poster printing, and video editing through to music and audiovisual tools.

Cassell Hall also houses a computing services suite where students can go for technology support. This ranges from walk-in requests to connect devices to the network through to complete system (hardware and software) rebuilds and repairs. The department prides themselves on the level of service they offer to residential and commuter students, and receive very positive feedback.

The Pitt-Greensburg campus also boasts a number of computer classrooms and distance learning facilities that are used for hands-on instruction at all levels of computer and information sciences, as well as by language, science, business, and math classes for computer-based instruction.

Faculty at Pitt-Greensburg

The teaching faculty at Pitt-Greensburg consists of 60 full-time and 15 part-time members. The faculty on the Greensburg campus compare very favorably to the faculties in the undergraduate schools on the Pittsburgh campus and other liberal arts colleges. On a percentage basis, Pitt-Greensburg has more winners of the Chancellor's Award for Distinguished Teaching than any other school or campus of the University of Pittsburgh. More than 85 percent of the full-time faculty has achieved the highest degree in their fields (usually a PhD). Additional faculty members are close to completing the requirements for a doctoral degree. Although their primary commitment is to teaching, Pitt-Greensburg faculty also have an impressive record of scholarship through publishing books, writing articles for professional journals, and presenting papers at national and international conferences.

One clear advantage of a small campus is the opportunity for closer interaction between faculty and students. At Pitt-Greensburg, faculty work closely with students, not only in the classroom, but also as advisors in helping students to develop their academic goals and plans and as joint participants in academic villages and other extracurricular activities.

A complete listing of Pitt-Greensburg faculty may be found in the Directory section near the end of this publication.

Honors Program

The Honors Program at Pitt-Greensburg was established to further enhance the student intellectual experience by giving its members the opportunity to learn and grow through honors projects in selected classes and enrichment projects outside of the classroom. The program also provides opportunities to visit area attractions and to socialize or work with other student members. Honors students work closely with faculty mentors to personalize their educational experience, and those who complete the program requirements graduate with special recognition.

Housing and Residence Life

Living on campus provides students with new opportunities for personal and social growth through participation in campus life and interaction with a diverse group of people. The friends made in college are often some of the closest and most long-lasting of one's life. The University of Pittsburgh at Greensburg offers student housing in five distinct residence complexes:

- Academic Village *
- College Hall
- Robertshaw Hall
- University Court
- Westmoreland Hall

All the residence halls are within easy walking distance of other campus facilities and each has its own character and advantages. Each room or apartment offers appropriate furnishings and amenities that include a cable TV service, laundry facilities, and parking. Wireless Internet is available throughout all residential facilities. Students may also request that a wired Internet port be activated in their room/apartment. Campus police make frequent rounds of the residence halls and surrounding areas and are accessible 24 hours a day, seven days a week. Student community assistants (CA) are assigned to each residence hall area. The CAs are trained to provide support for residents and to help maintain a safe, comfortable atmosphere in the residence halls. See the Campus Facilities section for more details about each residence complex.

Students who wish to live on campus must submit a completed Housing and Dining Service Application and Contract to the Office of Housing and Residence Life. Housing for freshmen and transfer students is assigned on a first-come, first-served basis except in the Academic Village and Outdoor Adventure & Community Service (OACS) communities. Students who wish to live in the Academic Village must complete an additional, separate application for membership in these communities. Directions, deadlines, and additional information are available at the housing Web site at www.greensburg.pitt.edu/student-life/housing. See the Academic Village or OACS section for more information about these communities.

A variety of facilities and services are available for students with disabilities. Students with disabilities who require adapted facilities or services should contact Disability Services in writing at 240 Millstein Library, Greensburg, PA 15601, as soon as possible to document their disabilities and their needs or requests. Students with disabilities must meet the standard guidelines for housing eligibility. For additional questions or concerns, you can contact Disability Services at 724-836-7098.

A mandatory, non-refundable housing deposit may be required to accompany the application and contract for housing and food service. This fee is credited toward the student's room and board charges for the spring term of the contract. In applying for housing, students must also select one of the meal plans offered by Chartwells Food Services. All housing and food charges for the coming term must be paid in advance or alternate arrangements must be made with the Office of Student Accounts before the student will be permitted to move in.

Students are responsible for the physical condition of their rooms or apartments and the common areas in their buildings. All resident students living in the residence halls must abide by the University's *Student Code of Conduct* as well as any supplemental residence hall provisions.

The goal of the Office of Housing and Residence Life is to assist resident students in creating an atmosphere that is conducive to both living and learning. Additionally, the staff is committed to helping students learn to live within a community, engage in leadership and community service opportunities, and obtain better understanding of how to interact respectfully with their fellow students. The staff in the Office of Housing and Residence Life includes a director, an assistant director, a resident director, two graduate resident directors, and a graduate assistant. The staff of the Office of Housing and Residence Life is responsible for the day-to-day operation of the residence halls. They, along with the student CAs, offer social, recreational, and educational programming activities throughout the year.

***Academic Village**

Pitt-Greensburg's Academic Village offers a unique living and learning experience to high-achieving students with interests ranging from the sciences and technology to the arts, politics, history, and foreign cultures. The Academic Village allows students to become an integral part of a thriving community of students and faculty members who share common interests and academic drive. Students gain a unique perspective by combining classroom learning with interesting hands-on programming outside the classroom. Students in the Academic Village work with faculty from all disciplines by participating in event planning, debates and discussions, small group workshops and more. The Academic Village Senate enriches life in the Academic Village by planning social events, sponsoring live music events and participating in community service projects. Students looking for a community that embraces learning and diversity, that encourages students to explore their interests, and helps them to become better students and human beings, find their home in the Academic Village.

Library Facilities

Millstein Library is an integral part of the University of Pittsburgh at Greensburg, providing support for the research and information needs of students, faculty, and staff. The library maintains a core undergraduate collection of print and non-book items, including microfilm and DVDs. Patrons have access to the University Library System's online catalog, PittCat, which indexes materials from all the Pitt libraries. Greensburg patrons can utilize the extensive databases provided by the university, acquire books from other Pitt libraries, and request materials from non-Pitt libraries.

The library operates with a team of six, providing services such as interlibrary loan, research and reference assistance, information literacy instruction, library orientations, and tours. Librarians take appointments for virtual or in-person research consultations, in which students and librarians work together to help students get the information they need to complete their academic assignments. Students may also seek help on a walk-in basis.

Facilities at Millstein library include a computer lab, digital media lab, group study rooms, private study rooms, touch-screen scanner, digital microfilm reader/printer, adaptive computing technologies, photocopy machine, and an outdoor patio with wireless high-speed internet access. Color and poster printing are available in the digital media lab in addition to video and audio editing software. Millstein Library is also home to the Joan Chambers Children's Literature Collection.

Policies

Affirmative Action Policy Statement

The University of Pittsburgh values equality of opportunity, human dignity, and racial/ethnic and cultural diversity. Accordingly, as fully explained in Community Standards (CS) 07 (formerly Policy 07-01-03), the University prohibits and will not engage in discrimination or harassment. Further, under this policy, the University has committed itself to make all decisions related to recruitment, hiring, promotions, and other terms or conditions of employment and contractual arrangements without discrimination on the basis of disability, race, color, religion, national origin, ancestry, genetic information, marital status, familial status, sex, age, sexual orientation, veteran status or gender identity and expression in its programs and activities. Further, the University will continue to take affirmative steps to support and advance these values consistent with the University's mission. This policy applies to admissions, employment, and access to and treatment in University programs and activities. This is a commitment made by the University and is in accordance with federal, state, and/or local laws and regulations. Further, the University is committed to affirmative action and resolved that the University shall continue to take positive steps to achieve diversity in the racial/ethnic and sex composition of its work force at all levels; enhance opportunities for enrolling, retaining, and graduating students from underrepresented groups; provide accessibility and accommodation to individuals with disabilities; create a campus environment free of bigotry and harassment; and engage minority and women-owned businesses as vendors and suppliers. The University's commitment to equal opportunity and diversity through affirmative action will continue to be a principal component in the University's strategic planning efforts.

For additional information on the University's equal opportunity and affirmative action programs and compliance/grievance procedures, refer to University Policy CS 07 (formerly Policy 07-01-03), or contact the Greensburg Human Resources Director and Title IX Liaison, 108 Lynch Hall, (724) 836-9902 or msk59@pitt.edu or Cheryl Ruffin, Institutional Equity Manager, Office for Equity, Diversity and Inclusion, University of Pittsburgh, 4200 Fifth Avenue, 31st Floor, Cathedral of Learning, Pittsburgh, PA 15260 (412) 648-7860, or diversity@pitt.edu.

Notice of Non Discrimination

The University of Pittsburgh as an educational institution and as an employer, does not discriminate on the basis of disability, race, color, religion, national origin, ancestry, genetic information, marital status, familial status, sex, age, sexual orientation, veteran status or gender identity and expression in its programs and activities. The University does not tolerate discrimination, harassment, or retaliation on these bases and takes steps to ensure that students, employees, and third parties are not subject to a hostile environment in the University programs or activities. The University responds promptly and equitably to allegations of discrimination, harassment, and retaliation. The University promptly conducts investigations and takes appropriate action, including disciplinary action, against individuals found to have violated its policies, as well as provides appropriate remedies to complainants and the campus community. The University is committed to taking prompt action to end a hostile environment if one has been created, prevent its recurrence, and remedy the effects of any hostile environment on affected members of the campus community.

Please note that the University's Nondiscrimination, Equal Opportunity, and Affirmative Action Policy also covers discrimination based on ethnicity. Although not listed explicitly, the University interprets discrimination based on ethnicity as being prohibited based on the policy's inclusion of race, color, national origin, and ancestry as prohibited bases for discrimination. If you experience any discrimination on the basis of ethnicity, you should report such discrimination and it will be investigated in accordance with University policy and procedure.

For complete details on the University's Nondiscrimination, Equal Opportunity, and Affirmative Action Policy - Community Standards (CS) 07 (formerly 07-01-03) and Sexual Misconduct Policy - CS 20 (formerly Policy 06-05-01), and for additional information on related policies, procedures, and practices, please visit <http://diversity.pitt.edu/affirmative-action/policies-procedures-and-practices>

Computing Use Policy

Every member of the University community has two basic rights regarding computing: privacy and a fair share of resources. It is unethical for another person to violate these rights. All users, in turn, are expected to exercise common sense and decency with regard to the campus computing resources. Please read the Ethical Guidelines for Computing online at <http://technology.pitt.edu/support/university-policies-related-to-technology> for details.

Students are subject to the rules and regulations as described in the University of Pittsburgh's *Student Code of Conduct*. Students should realize that any misuse of computing resources may result in the suspension of their computing privileges.

Copyright Policy

The University of Pittsburgh affirms that, except as specifically exempted by this policy, faculty, staff, and students are entitled to claim copyright ownership, including worldwide rights, in the following works authored by them: books, articles, educational coursework, similar works that are intended to disseminate the results of academic research or scholarly study, popular fiction or nonfiction works, poems, musical compositions, and other works of artistic imagination.

The University has no proprietary interest in copyrightable materials produced by faculty, staff, or students under contract with entities external to the University (in which the faculty, staff, or students have no controlling or majority interest), except as specifically exempted by this policy. For complete text of the policies, including the aforementioned exemptions, see <http://www.cfo.pitt.edu/policies/documents/policy11-02-02.pdf>.

Drug Free School and Workplace Policy

The University of Pittsburgh prohibits the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance on University property or as part of any University activity. Faculty, staff, and students of the University must also comply with the laws of the Commonwealth of Pennsylvania on the possession and consumption of alcohol. Violation of this policy will result in disciplinary action, including, but not limited to a warning, written reprimand, suspension, dismissal, expulsion, and/or mandatory participation and successful completion of a drug abuse assistance or rehabilitation program approved by an appropriate health or law enforcement agency. The Drug-Free Schools and Communities Act requires that, as a condition of receiving funds or any other form of financial assistance under any federal program, an institution of higher education, state educational agency, or local educational agency must certify that it has adopted and implemented a program to prevent the

possession, use, or distribution of illicit drugs and alcohol by students and employees. Thus, any University employee paid from federally-funded grants or contracts, or any student participating in any federally-funded or guaranteed Student Loan Program, must notify the University of any criminal drug statute conviction for a violation occurring at the University or while engaged in University activities. For more information, see Community Standard 04 <https://www.policy.pitt.edu/drug-free-workplace-drug-free-schools-06-02-01> (formerly 06-02-01).

For purposes of prevention and education, the University provides students with resources and programs that focus on the risks of alcohol and other substance use. The University also provides programs that serve as sanctions that may follow when an alcohol or drug policy or law violation occurs. The University also distributes literature informing employees of the dangers of substance misuse in the workplace, and provides information on available services, including counseling, rehabilitation, and employee assistance programs.

Faculty-Student Relationships

The University's educational mission is promoted by professional relationships between faculty members and students. Relationships of an intimate nature (that is, sexual and/or romantic) compromise the integrity of a faculty-student relationship whenever the faculty member has a professional responsibility for the student. The University prohibits intimate relationships between a faculty member and a student whose academic work, teaching, or research is being supervised or evaluated by the faculty member or with whom there is a reasonable likelihood of Direct Supervision.

If an intimate relationship is imminent or should exist or develop between a faculty or staff member and a student, the University requires the faculty or staff member to remove himself/herself from all supervisory, evaluative, and/or formal advisory roles with respect to the student. Additionally, the faculty or staff member must disclose the existence of the Consensual Relationship immediately to his/her supervisor, department chair, dean, or, where appropriate, higher administrative authority.

Definition Note: In this policy, the definition of faculty member refers to anyone appointed by the University as a teacher, researcher, or academic administrator, including graduate and undergraduate students so appointed. For complete text on this policy, see <http://www.policy.pitt.edu/cs-02-consensual-relationships-formerly-07-14-01>.

Family Educational Rights and Privacy Act (FERPA)

The Federal Family Educational Rights and Privacy Act (FERPA), also known as the Buckley Amendment, is designed to protect the privacy of students. It requires the University to comply with the following principles:

- Student records are open for inspection by students upon request. Specific documents that students have waived their right to inspect remain confidential.
- Students have a right to challenge the accuracy of records and to request that they be amended.
- The institution may not release student records outside the institution without student consent, unless one of several exceptions applies.
- Requests from outside the institution for information regarding students should be documented, as should releases of student information.
- Students have 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 the Family Educational Rights and Privacy Act.
- Students have a right to obtain a copy of the University policy regarding the Family Educational Rights and Privacy Act. It may be obtained in the Office of the Registrar.
- The University may establish categories of information known as "Directory Information" and release this information without student consent, upon request by individuals external to the institution. Students may request that the categories below be excluded from Directory Information that would be released without student consent, upon request by a third party.

Directory Information includes the following information:

- Name
- Address
- Telephone number and e-mail address
- Major field of study
- Achievements, degrees, academic awards or honors
- Weight and height, if a member of athletic teams
- Place of birth
- Previous educational institutions
- Participation in officially-recognized activities and sports

- Student's photograph

When the Office of the Registrar receives a student's refusal to permit the release of "Directory Information," no further disclosures are made without that student's written consent (except to parties who have legal access to student records without written consent). To rescind this action, the student must submit a request in writing to the Office of the Registrar. Note that the following procedures apply:

- Students may review their educational records by submitting a written request to the records custodian in the appropriate University unit. A listing of those University offices that routinely possess educational records of students are set forth in University Procedure 09-08-01.
- Students may request amendment of educational records by submitting a written request to the records custodian and following the steps set forth in University Procedure 09-08-01.
- As set forth in University Policy 09-08-01, access to a student's educational records may be required and permitted by University faculty and staff for legitimate educational purposes where access by such individuals is necessary to complete their University-related duties.

Anti-Harassment Policy

No University employee, University student, or individual on University property may harass or abuse a person (physically, verbally or electronically) when the conduct is severe or pervasive and objectively and subjectively has the effect of: (1) unreasonably interfering with such person's work or equal access to education, or (2) creating an intimidating, hostile, or offensive work or academic environment. Consistent with the University's respective Community Standards, harassment on the basis of a legally protected classification, such as racial harassment or sexual harassment, is prohibited. This policy statement will be applied with due respect for the University's commitment to equality of opportunity, human dignity, diversity, and academic freedom, and, when constitutionally protected speech is implicated, only to the extent consistent with the First Amendment.

Immunization Policy Statement

The University requires the immunization of all incoming freshmen against COVID-19, measles, mumps, rubella, and varicella as a condition of attendance at the University of Pittsburgh. The University also requires the meningitis immunization for students who are residents, and a repeat may be needed if the student was not age 16 or older for the first dose. It is optional for commuters. Incoming freshmen must provide to the University Student Health Center documentation of immunization that includes the month, day, and year that the immunizations were administered. Completed immunization forms must be kept on file in the Student Health Center.

Exemptions may be granted based on a written statement from a physician that the immunization may be detrimental to the health of the student or on a student's objection to immunization on religious grounds or on the basis of a strong moral or ethical conviction similar to a religious belief. However, if an outbreak of measles, mumps, rubella, varicella, or meningitis occurs, the State Health Department may exclude from classes students who do not provide proof of immunity to these diseases. For more information, see <http://www.cfo.pitt.edu/policies/policy/06/06-01-02.html>.

Notice to Individuals with Disabilities

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Director of the Learning Resources Center, Dr. Lou Ann Sears, Room 240 Millstein Library Building (724) 836-7098 (voice) or los3@pitt.edu as early as possible in the term. The Learning Resources Center will verify your disability and determine reasonable accommodations for this course.

In July and August, students interested in disability services may contact Beth Tiedemann, the Director of Advising and Registrar in the Millstein Library Building 103: 724-836-7182 or tiedeman@pitt.edu if they do not hear back from Dr. Sears.

Patent Policy

A University student, during his or her period of enrollment, may be responsible for new discoveries and inventions that could have commercial value and contribute to scientific, technological, social, and cultural progress. Those accomplishments should be patented in the best interest of the student, the University, the public, and the government. The University's policy on patents determines the rights and obligations of the student and the University in any technology the student may invent while enrolled in the University. Details of this University policy are available from the Office of Technology Management or at <http://www.policy.pitt.edu/patent-rights-and-technology-transfer>.

Sexual Harassment

The University of Pittsburgh is committed to the maintenance of a community free from all forms of sexual harassment. Sexual harassment violates University policy as well as state, federal, and local laws. It is neither permitted nor condoned.

It is also a violation of the University of Pittsburgh's policy against sexual harassment for any employee or student at the University of Pittsburgh to attempt in any way to retaliate against a person who makes a claim of sexual harassment.

Any individual who, after thorough investigation and an informal or formal hearing, is found to have violated the University's policy against sexual harassment will be subject to disciplinary action including, but not limited to, reprimand, suspension, termination, or expulsion. Any disciplinary action taken will depend upon the severity of the offense. For complete policy text visit <http://www.policy.pitt.edu/cs-20-sexual-misconduct-formerly-06-05-01>.

Smoking and Vaping Policy

Smoking and vaping are prohibited in all University-owned and leased facilities, including residence halls and off-campus housing facilities, and in all University vehicles, including motor pool vehicles, campus buses, and vans, with explicit limited exceptions described in University Policy 04-05-03. The University Smoking Policy and Procedures prohibit smoking within 25 feet of all University building primary entrances and HVAC intake vents. Primary entrances should be defined as the common public access points to each building, and is not intended for doors exclusively designated as emergency exits only or service entrances. Portions of entrances and loading docks that are under building cover (such as an overhang/porch) and interior garages shall be considered as inside the building, and smoking shall be prohibited. For complete policy text, see <http://www.cfo.pitt.edu/policies/policy/04/04-05-03.html>.

University AIDS Policy

The University of Pittsburgh does not discriminate against individuals who are diagnosed as HIV positive or as having AIDS. The University recognizes that the health condition of individuals is personal and confidential. Reasonable precautions will be taken to protect information regarding the health condition of all members of the University community. Based on medical evidence that indicates that there is no risk of transmitting HIV through casual contact in the classroom or circumstances involving only casual contact with others, the University will impose no undue restrictions on faculty, staff, or students who are infected with HIV. For complete text on Community Standards (CS) 01 (formerly Policy 06-01-03), see <http://www.policy.pitt.edu/cs-01-bloodborne-pathogens-formerly-06-01-03>.

Student Athletics

Intercollegiate Athletics

The University of Pittsburgh at Greensburg competes athletically as a member of the NCAA Division III. Full membership was granted by the NCAA in September 1998. Pitt-Greensburg is a charter member of the Allegheny Mountain Collegiate Conference, which includes Alfred State College of Technology, Hilbert College, La Roche University, Medaille College, Mt. Aloysius College, Penn State Altoona, Penn State Behrend and Pitt-Bradford. The school colors are Pitt Royal Blue and University gold, and the mascot is the Bobcat. Currently, Pitt-Greensburg teams compete in the following sports:

Men	Women
Baseball	Basketball
Basketball	Bowling
Cross Country	Cross Country
Golf	Soccer

Soccer	Softball
Tennis	Tennis
	Volleyball

Intramural Athletics

The intramural athletic program at Pitt-Greensburg promotes better health and wellness among students and provides opportunities for greater participation in campus activities. Intramural sporting events take place throughout the academic year and include volleyball, tennis, flag football, soccer, basketball, ping pong, and billiards.

Student Services

Career Services

Our Career Services staff focuses on your personal and professional growth. We help you explore your strengths, gain experience, and prepare to reach your goals. Examples of services include: individual assessments and career guidance, job shadowing opportunities, internship planning, resume & cover letter reviews, graduate school preparation, career development workshops, networking opportunities, and volunteering. Through one-on-one appointments, workshops, networking opportunities, and programming, our office:

- Helps students explore their passion, skills, and values in relation to future careers.
- Connects students to strategies for achieving their goals.
- Encourages students to learn about options for personal and academic advancement.
- Provides knowledge and resources for personal and professional growth.

Counseling Center

The Counseling Center, located in Student Services in Chambers Hall, provides free, confidential mental health counseling for all Pitt Greensburg students. Counseling offers students a safe place to express feelings and learn new coping skills with an objective, caring clinician. The Center offers individual counseling, supportive and educational groups, and wellness, skill building, and self-care workshops.

Students come to counseling for help with:

- Difficulty adjusting to college or other changes
- Stress management, anxiety, or panic attacks
- Depression and/or feelings of hopelessness
- Relationship problems
- Grief and loss

Seeking help when you're struggling is the first step towards resolving the issue and feeling better. Students are encouraged to schedule an appointment before a situation starts to impact their academic performance. Contact GbgCounseling@pitt.edu for more information.

Greensburg Experience More (GEM) Program

The Greensburg Experience More (GEM) program provides students with a co-curricular experience that complements and enhances their classroom learning. Participants engage in structured professional and personal skill development across five core components - Leadership Development, Service, Career Development, Cultural Awareness and Appreciation, and Pitt- Greensburg Pride and Traditions. Upon completion students are recognized during Honor's Convocation and in the Commencement Program, as well as inducted in the GEM society and acknowledged on a perpetual plaque outside of Student Services.

Health Center

The Health Center (216 Chambers Hall) provides basic treatment and first aid for all students. The Center is directed by an experienced RN. Students can see the director for initial assessment and treatment of acute health issues, over the counter medication, referrals to off campus providers, and support. The campus physician is on campus weekly for student appointments and consults daily with the director.

The Self-Care Center, our Health Center waiting room, is open to students whenever Chambers Hall is open with free basic first aid supplies for headaches, colds, and cuts.

Student Activities Board

Most campus social events such as Arts and Entertainment, Sports Night, off-campus programs, novelty events, lectures, and cultural programs at Pitt-Greensburg are offered through the Student Activities Board (SAB.) Students serving on the SAB plan, promote, and produce a variety of educational, social, and recreational programs.

Student Government

The Student Government Association (SGA) is elected by the student body and is authorized by the University to represent the student body on all matters concerning student life. SGA's basic purposes are to allocate student activity fees, to promote student involvement in University planning and decision making, and to serve as the principal forum for student views.

The Residence Hall Association (RHA) provides an opportunity for students to become actively involved in shaping the residential environment. RHA represents the residents' views on issues such as changes to residence hall policies, upgrades to facilities, and provides programming within the residence halls.

Student Involvement Transcript

The Student Involvement Transcript provides a record of a student's co-curricular activities analogous to the academic transcript. The involvement transcript can list scholarships, honor societies, leadership activities, organization memberships, campus-sponsored travel and study abroad experiences, athletic participation, and almost anything else a student would like to include. Students can use the involvement transcript, along with their academic transcripts, résumé, and career portfolio, to provide prospective employers with a multifaceted record of their accomplishments. The campus uses the involvement transcript as an aid in reviewing student applications for honors and scholarships. The transcript is facilitated through the Pitt-Greensburg Engage site and is overseen by the Office of Student Services.

Student Organizations

Student organizations also sponsor a variety of programs and activities each year. The student organizations at Pitt-Greensburg provide many opportunities for students to become involved on campus and in the community. These organizations include:

Honor Societies

Alpha Phi Sigma	Criminal Justice Honor Society
Beta Beta Beta	Biology Honor Society
Chi Alpha Sigma	Student Athlete Honor Society
Delta Psi Omega	Theatre Honor Society
DaVinci Society	Juniors & seniors selected for academic excellence, leadership, service and international experience

Gamma Sigma Epsilon	Chemistry Honor Society
Lambda Pi Eta	Communication Honor Society
Phi Eta Sigma	Freshman Honor Society
Phi Kappa Phi	Senior Honor Society
Pi Lambda Theta	Education Honor Society
Pi Gamma Mu	Social Science Honor Society
Pi Sigma Alpha	Political Science Honor Society
Psi Chi	Psychology Honor Society
SALUTE	Veterans Honor Society
Sigma Tau Delta	English Honor Society
National Technology Honor Society	IT Honor Society
Pi Mu Epsilon	Math Honor Society
Sigma Theta Tau	Nursing Honor Society
Sigma Beta Delta	Business Honor Society

Academic Organizations

- Accounting & Business Club
- Criminal Justice Club
- Health and Rehab Sciences Club
- History Club
- Information Technology Club
- Math Club
- Pre-Law Society
- Pre-Med Club
- Science Club
- Spanish Club
- SPSEA (Student Pennsylvania State Education Association)
- Student Nurses' Association

Service Organizations

- Circle K
- Habitat for Humanity
- Outdoor Adventure and Community Service (OACS) Club

Special Interest Organizations

- Academic Village Senate
- Active Minds
- Asian Alliance Club

- Black Student Union
- Chess Club
- Chorale
- Christian Fellowship Club
- College Democrats
- College Republicans
- Creative Writing Club
- Diversity Student Coalition
- Film Club
- Food Club
- Gender & Sexuality Alliance (GSA)
- Ice Hockey Club
- La Femme
- Nerdfighters
- *Pendulum* (literary journal)
- Performing Arts Society
- Pitt Fight
- Pitt-Greensburg Varsity Esports
- Pre-Law Society
- Student Athlete Advisory Council
- *The Insider* (student newspaper)

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Community Economic Development Clinic

Environmental Law Clinic

Family Law Clinic

Low Income Taxpayer Clinic

Also see Jointly-Administered Centers.

Social Work

Centers, Institutes, Laboratories, and Clinics by School: Health Sciences

School of Public Health

Center for Aging and Population Health
Center for Free Radical and Antioxidant Biochemistry
Center for Healthy Aging
Center for Healthy Environments and Community
Center for Minority Health
Center for Public Health Practice
Center for Public Health Preparedness
Center for Research on Health and Sexual Orientation
Center for Rural Health Practice
Clinical Oncology Program Biostatistical Center
Epidemiology Data Center
EXPORT Health
Health Policy Institute
Laboratories of Tropical Diseases
Pennsylvania/Mid-Atlantic AIDS Education and Training Center
Pennsylvania and Ohio Public Health Training Center
Pennsylvania Prevention Project
UPACE Environmental Public Health Tracking
Also see Jointly-Administered Centers.

School of Dental Medicine

Center for Craniofacial and Dental Genetics
Center for Dental Informatics
Center for Oral Health Research in Appalachia
Multidisciplinary Implant Center
Also see Jointly-Administered Centers.

School of Health and Rehabilitation Sciences

Adaptive Living Laboratory
Human Occupational Laboratories
Rehabilitation Engineering Research Center in Telerehabilitation
Rehabilitation Engineering Research Center on Transportation Safety
Also see Jointly-Administered Centers.

School of Pharmacy

Center for Education and Drug Abuse Research
Center for Pharmacogenetics
Center for Pharmacoinformatics and Outcomes Research
Pharmacodynamic Research Center
Also see Jointly-Administered Centers.

School of Medicine

Advanced Center for Interventions and Services Research for Late Life Mood Disorders
American Parkinson Disease Association Center for Advanced Research
Alzheimer Disease Research Center
Center of Excellence in Autism Research
Brain Trauma Research Center
Center for ALS Research
Center for Biologic Imaging
Center for Advanced Brain Magnetic Imaging
Center for Detection, Diagnosis, and Intervention in Dementia
Center for Endovascular and Exovascular Therapy
Center for Modeling Pulmonary Immunity
Center for Primary Care Community-Based Research
Center for Research in Reproductive Physiology
Center for Research on Emergency Medical Services
Center for Research on Health Care
Cystic Fibrosis Research Center
Duchenne Muscular Dystrophy Research Center
Emergency Response Human Performance Laboratory
Lung Translational Genomics Center
General Clinical Research Center
Hartford Foundation Center for Excellence in Geriatric Medicine
Molecular Medicine Institute (Center for Biotechnology and Bioengineering)
Neurosurgical Oncology Center
Obesity/Nutrition Research Center
Ophthalmology and Visual Sciences Research Center
Otolaryngology Research Center
Pittsburgh Center for Pain Research
Theiss Child Development Center
Translational Neuroscience Program
Udall Center for Parkinson's Research
University of Pittsburgh Center for HIV Protein Interactions
Also see Jointly-Administered Centers.

School of Nursing

Center for Nursing Research
Center for Research in Chronic Disorders
Also see Jointly-Administered Centers.

Centers, Institutes, Laboratories, and Clinics: Other Academic Units and the Regional Campuses

Office of the Provost

Center for Instructional Development and Distance Education
Center for Philosophy of Science

Student Affairs

Student Health Service
University Counseling Center

University Center for International Studies

African Studies Program
Asian Studies Center
Center for Latin American Studies
Center for Performing Arts of India
Center for Russian and East European Studies
Center for West European Studies
European Union Center of Excellence
Pennsylvania Ethnic Heritage Studies Center

University Library System

Center for American Music

Johnstown Campus

John P. and Joyce Murtha Center for Continuing Education and Professional Development

Greensburg Campus

Center for Applied Research (CFAR)

The Center for Applied Research provides curricular and co-curricular opportunities to develop knowledge and skills related to empirical research and expands professional development opportunities for faculty and staff while providing a community resource for research and data collection, analysis, and program evaluation.

Center for the Digital Text

The Center for the Digital Text represents a distinctive node of expertise and outreach in the Digital Humanities at the University of Pittsburgh. The Center dedicates itself to supporting the training of faculty in digital methods, serving the global community in outreach to launch and develop new projects, and giving students trained in Digital Studies experience in training, outreach, and consulting in the wider community of digital scholarship and digital media development.

The Conference Place at Pitt-Greensburg

The Conference Place coordinates the scheduling of campus facilities and services for use by businesses and community organizations who are planning strategic management seminars, professional development workshops, youth camps, athletic tournaments, recognition banquets, and weekend retreats. The Conference Place can schedule meetings and conferences in campus facilities, reserve guest rooms for overnight stays in our Residence Halls (May through August only), provide dining and catering options, and arrange for use of campus sports and recreation facilities.

Titusville Campus

George J. Barco Center for Continuing Education

Bradford Campus

Allegheny Institute of Natural History
Business Resource Center
Center for Rural Health Practice

Centers, Institutes, Laboratories, and Clinics: Jointly-Administered Centers

Graduate School of Public and International Affairs/Joseph M. Katz Graduate School of Business

Center for Conflict Resolution and Negotiation

Graduate School of Public and International Affairs/University Center for International Studies

Global Studies Program

Matthew B. Ridgway Center for International Security Studies, which includes the Ford Institute for Human Security

Health Sciences ²

Center for Clinical Pharmacology

Center for Continuing Education in the Health Sciences

Center for Environmental Oncology

Center for Injury Research and Control

Division of Laboratory Animal Resources

Facial Nerve Center

Genomics and Proteomics Core Laboratories

Head and Neck Cancer Specialized Program of Research Excellence

Institute for Clinical Research Education

Lung Cancer Specialized Program of Research Excellence

Musculoskeletal Institute

Oral Cancer Center

Pittsburgh AIDS Center for Treatment

Transgenic and Gene Targeting Facility

Health Sciences ²/Bioengineering

Human Movement and Balance Laboratories

Medical Virtual Reality Center

Musculoskeletal Research Center

Pittsburgh Claude D. Pepper Older Americans Independence Center

Health Science/Children's Hospital of Pittsburgh/Magee Womens Hospital and Research Institute

Pittsburgh Cytogenetics Laboratory

Disabilities Resource Center

Health Sciences/UPMC Health System

Center for Assistive Technology

Center for Biosecurity

Center for Environmental Oncology

Center for Sports Medicine

Center for Vaccine Research

Clinical and Translational Science Institute
Neuromuscular Research Laboratory
Peter M. Winter Institute of Simulation Education and Research (WISER)
Swallowing Disorders Center

Joseph M. Katz Graduate School of Business/University Center for International Studies

International Business Center

School of Arts and Sciences/Swanson School of Engineering

Center for Molecular and Materials Simulations
Institute of NanoScience and Engineering
School of Arts and Science/Health Sciences
Drug Discovery Institute

School of Arts and Sciences/Health Sciences ²/School of Law

Center for Bioethics and Health Law
Dietrich School of Arts and Sciences/ School of Medicine
Center for Neuroanatomy with Neurotropic Viruses
Center for Neuroscience
Conte Center for the Neuroscience of Mental Disorders
Pittsburgh Institute for Neurodegenerative Diseases
University Community Leaders and Individuals with Disabilities Center

School of Health and Rehabilitation Sciences/Swanson School of Engineering/VA Pittsburgh Health Care System/UPMC Health System

Human Engineering Research Laboratories
University of Pittsburgh Model Center on Spinal Cord Injury
School of Information Sciences/Graduate School of Public Health/School of Medicine
Center for National Preparedness

School of Law/University Center for International Studies

Center for International Legal Education

School of Medicine/Children's Hospital of Pittsburgh

Benedum Pediatric Trauma Program
Pediatric Center for Neuroscience
Pediatric Neurotrauma Center

School of Medicine/Children's Hospital of Pittsburgh/Magee-Womens Hospital and Research Institute

Fetal Diagnosis and Treatment Center
Pittsburgh Diabetes Institute

School of Medicine/Magee-Womens Hospital and Research Institute

Pregnancy and Diabetes Center
Center for Family Planning Research
Center for Fertility and Reproductive Endocrinology
Center for Research in Continence and Pelvic Floor Disorders
Ovarian Cancer Center of Excellence
Pittsburgh Development Center

School of Medicine/UPMC Health System

Affect Regulation and Adolescent Brain Center
Audiology Center
Benedum Geriatric Center
Brachial Plexus and Peripheral Nerve Injury Center and Clinic
Brain and Spine Injury Center
Charles T. Campbell Ophthalmic Microbiology Laboratory
Cardiovascular Institute
Center for Clinical Neurophysiology
Center for Diabetes and Endocrinology
Center for Emergency Medicine of Western Pennsylvania
Center for Balance Disorder
Center for Hemochromatosis and Iron Overload Disorders
Center for Image-Guided Neurosurgery
Center for Integrative Medicine
Center for Intestinal Health And Nutrition Support
Center for Liver Diseases
Center for Overcoming Problem Eating
Center for Pathology Informatics
Center for Women's Digestive Health
Comprehensive Epilepsy Center
Comprehensive Lung Center
Comprehensive Pain Center
Cosmetic Surgery and Skin Health Center
Cutaneous Oncology Center
Digestive Disorders Clinic
Emphysema Resource Center
Eye Center
Gastrointestinal Cancer Prevention and Treatment Center
Hillman Cancer Center
Inflammatory Bowel Disease Center
Institute of Aging
Institute for Doctor-Patient Communication
Institute to Enhance Palliative Care
Institute for Rehabilitation and Research
Raymond E. Jordan Center for Balance Disorders
LHAS Women's Heart Center
Late-Life Depression Evaluation and Treatment Center
Magnetic Resonance Research Center
McGowan Institute for Regenerative Medicine
Mental Health Intervention Research Center for Mood and Anxiety Disorders
Neurogastroenterology and Motility Center
Osteoporosis Prevention and Treatment Center

Spasticity Evaluation and Treatment Center
Pancreas and Biliary Center
Minimally Invasive Endoneurosurgery Center
Position Emissions Tomography Center
Safar Center for Resuscitation Research
Simmons Center for Interstitial Lung Diseases
Center for Sleep Medicine
Sinus and Allergy Center
STAR Center (Services for Teens at Risk)
Stroke Institute
Thomas E. Starzl Transplantation Institute
University of Pittsburgh Headache Center
Voice Center
Weight Management Center
Paul Wellstone Muscular Dystrophy Cooperative Research Center
Western Psychiatric Institute and Clinic
Late-Life Mood Disorder Evaluation and Treatment Center

School of Medicine/VA Pittsburgh Health Care System

Geriatric Research Education and Clinical Center
Center for Health Equity and Research Promotion

University of Pittsburgh/Carnegie Mellon University

Brain Imaging Research Center
Center for the Neural Basis of Cognition
Real-time Outbreak and Disease Surveillance Laboratory
Pittsburgh Center for Social History
Pittsburgh Mind/Body Center
Pittsburgh NMR Center for Biomedical Research

University of Pittsburgh/Carnegie Mellon University/Duquesne University/UPMC Health System/Windber Research Institute

Pittsburgh Tissue Engineering Initiative
University of Pittsburgh/Carnegie Mellon University /Sandia National Laboratories
Pittsburgh Molecular Libraries Screening Center

University of Pittsburgh/Carnegie Mellon University/Westinghouse Electric Corporation

Pittsburgh Supercomputing Center

University-wide

Institute of Politics

¹ Centers and institutes in the category "University Centers and Institutes" are distinguished by organizational permanence, programmatic autonomy, and an annual operating budget fiscally independent of any other academic, research, and/or service unit.

² Centers and institutes listed are jointly-administered by two or more schools of the Health Sciences, which includes: Graduate School of Public Health, School of Dental Medicine, School of Health and Rehabilitation Sciences, School of Nursing, School of Pharmacy, and School of Medicine.

Note: The centers, institutes, laboratories, and clinics listed are University of Pittsburgh or University affiliated organizations. They are either single or multidisciplinary in scope, and are generally involved in some combination of education, research or service activities. Each center, institute, laboratory, and clinic is listed under the name of the unit with which it is associated.

Locations

Additional Location Allegheny Intermediate Unit 475 East Waterfront Drive Homestead, PA 15120 Opened: 08/03/2010	Other Instructional Site Bellefield Professional Building 130 North Bellefield Avenue Pittsburgh, PA 15213
Additional Location Beaver Valley Intermediate Unit 147 Poplar Drive Monaca, PA 15061	Other Instructional Site Bridgeside Point I 100 Technology Drive, Suite 210 Pittsburgh, PA 15219
Additional Location Butler County Community College 107 College Drive Butler, PA 16002 Opened: 08/03/2010	Other Instructional Site Bridgestone Point II 450 Technology Drive Pittsburgh, PA 15219
Additional Location Dick's Sporting Good 345 Court Street Pittsburgh, PA 15108 Opened: 10/30/2017	Other Instructional Site Butler County Community College 107 College Dr. Butler, PA 16002
Additional Location EMBA Worldwide Sao Paulo, Brazil Avenida das Nações Unidas 12.551 4º andar - salas 1 e 2 Sao Paulo, 04578-903 Brazil Opened: 11/01/2016	Other Instructional Site Center for Strategic and International Studies 1616 Rhode Island Avenue Washington, DC 20036
Additional Location Intermediate Unit I (Sch. of Educ.) Data not provided Coal Center, PA 00000	Other Instructional Site Eye & Ear Institute 203 Lothrop Street Pittsburgh, PA 15213
Additional Location St. Mary's (Univ of Pgh - Bradford) Data not provided St. Mary's, PA 00000	Other Instructional Site K-Z Guest Ranch P.O. Box 2167 Cody, WY 82414
Additional Location U-P at Bradford (c/o Sch of Soc Wk) Data not provided Bradford, PA 00000	Other Instructional Site Kaufmann Building 3471 Fifth Ave. Pittsburgh, PA 15213

Additional Location U-P at Johnstown, (c/o Sch of Soc Wk) Data not provided Johnstown, PA 00000	Other Instructional Site Longhorn Lodge 362 N. 4th Street River Rock, WY 82083
Additional Location U-P at Titusville, c/o U-P at Bradford 504 E. Main Street Titusville, PA 16354	Other Instructional Site Magee Women's Research Institute 204 Craft Ave. Pittsburgh, PA 15213
Additional Location University of Pittsburgh at Bradford Data not provided 300 Campus Drive Bradford, PA 00000 OPEID: 00337903	Other Instructional Site McKee Place 230 McKee Place Suite 500 Pittsburgh, PA 15213
Additional Location University of Pittsburgh at Greensburg 1150 Mt. Pleasant Rd Greensburg, PA 00000 OPEID: 00337904	Other Instructional Site Neuromuscular Research Laboratory 3860 Water Street Pittsburgh, PA 15203
Additional Location University of Pittsburgh at Johnstown Data not provided 450 Schoolhouse Road Johnstown, PA 00000 OPEID: 00337902	Other Instructional Site Parkvale Building 200 Meyran Avenue Pittsburgh, PA 15213
Additional Location University of Pittsburgh at Titusville Data not provided 504 E. Main St. Titusville, PA 00000 OPEID: 00337901	Other Instructional Site Pymatuning Laboratory of Ecology 13142 Hartstown Road Linesville, PA 16424
Other Instructional Site Bakery Square 6425 Penn Avenue 4th. Floor Pittsburgh, PA 15206	Other Instructional Site Regional Learning Alliance Conference Center 850 Cranberry Woods Drive Cranberry, PA 16066
Other Instructional Site University of Pittsburgh Applied Research Center (UPARC) 3010 William Pitt Way Building A-7, Rm. 216 Pittsburgh, PA 15238	Other Instructional Site University of Pittsburgh-Washington DC Office 2025 M Street, NW Washington, DC 20036

Admissions

Requirements for Full-Time Admission

Theof Admissions strongly recommends that applicants for full-time admission successfully complete three or four units of mathematics in high school (including two units of algebra), two or three units of science, two or three units of history or other social studies, and four units of a single second language*. A unit refers to one year of study in high school.

**Note: Students completing less than Level 4 of a second language will be required to complete coursework to achieve an equivalent proficiency in a second language at Pitt-Greensburg.*

Students interested in **Engineering** should have taken two years of algebra, one-half year of trigonometry, and one year each of plane geometry, chemistry, and physics. In addition, calculus and computer science are recommended.

Students interested in **Nursing** should meet the following academic criteria and must have the required high school courses: 3.2 Minimum High School GPA, 1170 Minimum SAT score (if provided), four units of English, four units of Math, three units of lab science (one must be chemistry), and five units of other academic electives (statistics or computer science strongly recommended)

Students who hold a GED and wish to be considered for full-time admission should have completed the minimum of 15 academic units before exiting high school. Official high school transcripts and a copy of the General Equivalency Diploma are required.

Students who have completed courses through a college-in-high school, dual enrollment, or similar program must submit an official transcript from the college or university from which credits were awarded, whether or not it is intended that such courses be counted toward a degree at the University of Pittsburgh. (Please refer to the Transfer Student section below for information about transfer credits.)

Factors considered when making an admission decision include: high school curriculum, cumulative grade point average (weighted), class rank, and SAT and/or ACT scores. Though optional, applicants are encouraged to submit an admission essay and/or letters of recommendation as these often provide a more complete picture of the applicant.

Application Procedure

1. Complete the **Application for Undergraduate Admission**.
2. Submit your most recent high school transcript, completed SRAR, or GED to the Office of Admissions. Please note if students start the SRAR they must complete this item.
3. If applicable, submit transcripts for every post-secondary institution, college or university you have attended.
4. Optionally, provide essay and/or letters of recommendation.
5. SAT and ACT scores are optional.
Pitt-Greensburg school codes: SAT: 2936 ACT: 3733
6. Please pay your deposit by May 1.

Submit documentation by email pgadmit@pitt.edu, to your Admissions Counselor, or mail to University of Pittsburgh at Greensburg, 150 Finoli Drive, Greensburg PA 15601, Attn: Admissions Office

International Students

Students who wish to apply must provide their transcripts (high school and/or college) in English.

Students who are citizens of a country whose official language is not English must demonstrate a proficiency in the English language. Proficiency may be demonstrated by a minimum score of 550 on the paper version of the Test of English as a Foreign Language (TOEFL) or a minimum score of 213 on the computer-based version, or a minimum score of 80 on the Internet-based version of TOEFL. The university will also accept IELTS and DuoLingo test scores for English proficiency. *International students seeking further training in English should consult the English Language Institute located on the Pittsburgh campus.*

Requirements for Part-Time Admission

Courses may be taken on a part-time basis for credit toward a degree or on a non-degree basis. Part time admission to degree programs is open to high school graduates or those who hold recognized equivalency certificates (GED). While no specific high school preparation is required, the following secondary school subjects are recommended: four years of English, four years of a second language, three years of history and social studies, one year of algebra, one year of plane geometry, and one year of physics, chemistry, or biology.

Note: Applicants with incomplete high school preparation may qualify for admission by taking the examinations given by the Pennsylvania Department of Education and earning a high school equivalency certificate (GED). Information about these examinations may be obtained by writing to: Commonwealth of Pennsylvania, Department of Education, Bureau of Special Services for Pupils, Division of Guidance and Testing, Harrisburg, PA 17102.

Changing Part-Time Status to Full-Time Status

Students admitted to part-time study may become candidates for full-time study upon approval from the Director of Academic Advising. Students must complete a change-of-status request and submit it to the Director of Academic Advising at least one month before the beginning of the term in which they wish to begin full-time studies.

Transfer Students

Students who have earned credit at another institution before entering or since last registered at Pitt-Greensburg must apply to the Office of Admissions for admission or readmission with advanced standing. An applicant who has earned fewer than 12 college credits is considered a freshman with advanced standing. Students who have earned 12 or more college credits are typically considered transfer students. An official transcript of all courses taken at other schools must be submitted at the time of application, whether or not it is intended that such courses be counted toward a degree at the University of Pittsburgh. These credits are not merely units to be added to those earned here. To be accepted, credits must be the basis for, or an integral part of, the program the student expects to pursue for a degree from the college. Courses must be passed with a satisfactory grade (at least a C or the equivalent) and must be earned at an institution accredited by the appropriate regional accrediting association. Grades for such courses are not used in computing a student's GPA or in determining probationary status or eligibility for graduation honors. An official evaluation of previous credits is performed by a professional in our Academic Advising Center. An unofficial review of credits may be performed by an admissions counselor.

Special Programs

University Preview

Academically prepared high school juniors and seniors aged 16 or older may apply to enroll in one or two courses per academic term. To apply, in addition to following the Application Instructions above, a student must submit a current class schedule and permission letters from a parent/guardian and high school principal or counselor. Forms and a link to the list of courses available for University Preview may be found at <https://www.greensburg.pitt.edu/admissions/university-preview>

Deferred Admission

Admitted students who plan to attend Pitt-Greensburg but wish to postpone their initial registration for up to one year may request deferred admission. Requests for deferred admission should be in writing and directed to the Office of Admissions at upgadmit@pitt.edu. Students who receive deferred admission but who do not register within a year of their initial acceptance at Pitt-Greensburg must reapply for admission. Students attending another educational institution during the deferral period must re-apply to the University.

Early Admission

High school students who have completed most of the requirements for graduation by the end of their junior year may apply for early admission. A decision on early admission requires: (1) the approval of the Director of Admissions, (2) the consent of the student's parents/guardians, and (3) the approval of the school district superintendent that the student may forgo the senior year in high school and complete high school graduation requirements with college courses.

Visiting Students

Visiting students are those who are working toward an undergraduate degree at another institution and wish to take undergraduate courses at the University of Pittsburgh at Greensburg. It is expected that the credits earned at Pitt-Greensburg will be transferred back to the home school to be used in satisfying the student's degree requirements. Visiting student applicants must submit a transcript or schedule to show that they currently attend another school, full-time. Visiting students may register for any University of Pittsburgh at Greensburg course for which they have satisfied the prerequisites. Applicants must complete an Application for Admission and select Student Type as Visitor. Admission is valid for one term. Students seeking enrollment for subsequent terms must reapply.

Second Undergraduate Degree

Those who have completed a bachelor's degree at an accredited institution can earn a second degree at Pitt-Greensburg. A maximum of 90 of the 120 credits required for the second degree may be granted as advanced standing from the credits earned for the first degree. A minimum of 30 credits and half of the credits in the new major must be completed at Pitt-Greensburg. The second degree must be in a field different from the first degree.

All second-degree students must fulfill all of Pitt-Greensburg's curricular requirements as well as prerequisites for a degree in the new major either by transfer of credits or by taking Pitt-Greensburg courses.

Students with less than an overall B average for the first degree who cannot fulfill the nine-credit communication skills requirement with transfer courses must fulfill it at Pitt-Greensburg either by challenge examinations or by taking the appropriate composition and public speaking courses.

College Over 55

Adults at least 55 years of age who love to learn are invited to take part in the "College Over 55" program through which adults can audit regular undergraduate courses. "Audit" means the adult learner earns no credit and generally does not participate in homework and exams. Adult learners can take advantage of interesting lectures, meaningful discussions, readings on fascinating topics and continued intellectual growth. Participants may select available classes from the Pitt-Greensburg schedule and pay only \$25 for each course. For additional information and to register, contact the Office of the Registrar, 724-836-9899.

Military and Veterans

Military and Veteran Services facilitates the transition of veterans from military to University life, supports their ongoing academic success, and assists veterans, guardsmen, reservists, spouses, and dependents in receiving their military education benefits. Pitt-Greensburg services include:

- **GI Bill®** - 1-888-Gi-BILL1, or www.gibill.va.gov
- **Priority Enrollment** (known as "Act 46") Veteran students receive course-scheduling preference. This applies to all military and veteran students admitted to for-credit courses and programs offered at the institution. The use of veteran educational benefits while attending is not a requirement for priority enrollment eligibility. Priority enrollment appointments for veterans start at 8:30 a.m., the Friday before the published Monday enrollment period and are assigned in order, according to credits completed. Military and Veteran students who have completed the highest number of credits are given the earliest enrollment appointments, while those who have completed the lowest number of credits are given the latest enrollment appointments. Enrollment appointment dates and times are assigned at the start of the semester, and can be found in each student's PeopleSoft Student Center.
- **In-State Tuition** - In accordance with Section 702 of the Choice Act and PA State Act 11, the University of Pittsburgh offers in-state residency for the purposes of tuition to eligible students. Visit www.greensburg.pitt.edu/veterans for eligibility guidelines.
- **S.I.T.R.E.P** - Pitt-Greensburg's Military & Veterans program. Recognizing the service performed by United States military veterans, active-duty members, and their families. The program goal is assisting them in making a successful transition into academic life and culminating in a successful entry into the civilian workforce.

- **VA Work Study** - In addition to these services, the office implements the VA work study program.

Please call 724-836-7188 | 9899 or email UPGVeterans@pitt.edu for more information. Military and Veterans Services is housed within the Office of the Registrar, located in Millstein Library, room 120.

GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at <http://www.benefits.va.gov/gibill/>

Academic Procedures and Policies

Three-Term Calendar

The Greensburg campus makes its educational resources available to students year-round by operating on a three-term rather than a two-term academic calendar. The approximate beginning and ending dates for the three terms are:

Fall Term Late August through mid-December

Spring Term January through late April

Summer Term & Sessions May through early August

A greater variety and number of classes will be available during the fall and spring terms than during the summer term. The summer term provides students with the opportunity to supplement their course work or to make up any academic deficiencies.

Summer Orientation and Academic Registration

Full-time, first-year students admitted for the fall term are required to attend one of the Summer Orientation and Academic Registration (SOAR) sessions held during the summer preceding enrollment. During SOAR, students become familiar with the campus and the academic programs and meet their fellow classmates. Students who have an extenuating circumstance and cannot attend SOAR, and students who are admitted for the spring semester, will be required to complete an online orientation platform.

Math and English Placement

Almost all students will take a writing and mathematics course during their first semester. Students will be assigned to a course level that is appropriate to their backgrounds and abilities in writing and mathematics.

All incoming first-year students are placed into College Composition 1 (ENGCOMP 0010), with the required College Composition 2 (ENGCOMP 0020) course to be taken in a subsequent semester. Exemption from ENGCOMP 0010 can be accomplished in one of two ways:

- Earn a score of 600 or higher on the verbal section of the SAT. No credits awarded, exemption only.
- Earn a score of 5 on either the AP English: Language and Composition or AP English: Literature and Composition test. College credits will be awarded, as well as exemption from College Composition 1.

Placement for mathematics courses will be based on the score earned on the ALEKS mathematics placement test. Full-time students admitted for the fall term are required to take the mathematics placement exam prior to scheduling their first-semester classes. Part-time students and full-time students admitted for the spring or summer terms take the math placement examinations prior to registering for a math course. More information can be found using links on the Orientation website www.greensburg.pitt.edu/admissions/orientation.

Academic Advising

Upon acceptance to the University, full-time students are assigned an advisor from the Academic Advising Center or from their academic program. The advisor will help them develop a plan and select courses that are consistent with their objectives and qualifications. About the time students earn 45 credits, they are expected to declare the program of studies or major they wish to pursue. At this time, students will also be assigned to a faculty advisor who either teaches in the field of interest or specializes as an advisor in that area. Students are required to meet with their advisor during the enrollment period for each term, but advisors are also available throughout the term for additional conferences with students. Students are urged to meet with their advisor frequently to discuss academic and career plans as well as problems or concerns. Part-time students are advised by the advisors in the Academic Advising Center. Appointments for advising and/or enrollment conferences may be scheduled by contacting the advisor directly, using the Pathways/Navigate app on the Pitt portal, or calling the Academic Advising Center, 724-836-9940.

Enrollment

During the enrollment period in the fall and spring terms, students select and enroll in their courses for the upcoming terms. Enrollment typically begins in late October for the spring term, in February for the summer term, and in late March for the fall term. First-term students prepare their initial schedule during a meeting with an academic advisor in the summer. All full-time students are expected to meet with an advisor who will assist them in selecting appropriate courses. Students must have their course selections approved by their assigned advisors in order to complete the enrollment process.

Student Self-Service Enrollment

Student Self-Service Enrollment allows students to enroll in classes and add/drop classes for a particular term and/or session. All undergraduate students are required to meet with an advisor prior to enrolling in classes. First-year students must also meet with an advisor to add or drop a class. Prior to the start of the enrollment period, an "Academic Advisement Required" hold is placed on each student's record and students must meet with an advisor in order for the hold to be removed.

Each term students will be assigned an enrollment appointment, which indicates the date and time that the student becomes eligible to enroll in classes for the upcoming semester. Appointment information can be found in the Student Center in PeopleSoft/HighPoint CX on my.pitt.edu. Students are assigned an enrollment appointment based on the total number of credits earned in their current career. A student's enrollment appointment will begin on the date and time specified. Students may enroll and change their schedule until the end of the published add/drop period for a given term and or session. The deadlines for adding a course are published in Pitt-Greensburg's *Calendar of Important Dates* which is available for each term on the Class Schedules page on the Pitt Greensburg website.

Students should be aware that dropping a course or courses may affect athletic and/or financial aid eligibility.

Dropping Courses

During the designated Add/Drop period, students who need to drop one or more courses may do so in their Student Center (PeopleSoft/HighPoint CX) on the Pitt portal. After the established deadline for the term or session, a student can no longer drop a course, but may process a Monitored Withdrawal (see Withdrawing from Courses below).

Students who decide not to attend the University may drop all of the courses for which they are registered during the add/drop period with no financial liability. Students who make this decision after the add/drop period must process a resignation through the Office of the Registrar (see Resignation or Termination of Registration below).

Extended Drop Period

Under special circumstances, undergraduate students may be eligible to drop a course in the third week of the fall or spring semester. Students must meet all of the following criteria to drop a course during the extended drop period:

- Undergraduate students at all campuses
- Undergraduate courses
- Fall and spring semesters
- Students must remain in full-time status after dropping the course(s).
- The student's advisor must provide permission to drop.

Students must review the proposed drop with their academic advisor. If the student's advisor finds that the student is eligible, the advisor will process the drop(s). If the student's advisor cannot process the drop for any reason, then the advisor will request that the Registrar's Office at the student's campus process it.

Course Withdrawal (from one or more, but not all classes)

After the end of the add/drop period and until the end of the ninth week of the fall and spring terms (or the published deadlines for the various sessions of the summer term), a student may withdraw from a course and receive the grade of W. W grades have no effect on the student's GPA and the credits do not count toward graduation. There is no tuition adjustment associated with a course withdrawal. A student wishing to withdraw from a course should obtain a Monitored Withdrawal Request form from the Office of the Registrar or from the Advising Center and obtain the course instructor's signature. Signed Monitored Withdrawal Requests must be returned to the Office of the Registrar for processing.

After the deadline for withdrawal, a student may withdraw from individual courses only in exceptional and extenuating circumstances and with the permission of Director of Academic Advising. Petitions for late withdrawals should be submitted to the Advising Center.

Students who wish to withdraw from all of their courses after the add/drop period should follow the procedures for Resignation or Termination of Registration below.

Resignation or Termination of Registration

After the end of the add/drop period, students who decide not to attend the University must resign from all courses through the Office of the Registrar. The deadline for resignation during the fall or spring term is the date on which 60 percent of the fall or spring term has been completed. The deadline for resignation or termination of registration is the last date for which students can expect any reduction in the tuition and fees they owe.

Adjustments to tuition charges resulting from official resignations are based on the effective date of resignation and in accordance with the federally-mandated calculation. (*See Title IV Refund Policy for more information.*) After the deadline, students will be responsible for all tuition and fees assessed for the term. Summer-term resignations are handled on a case-by-case basis because students may be registered for courses in different sessions.

An official resignation occurs when a student notifies the Office of the Registrar of his/her intent to terminate registration for all classes. The effective date of resignation is determined by one of the following: (1) the date of in-person contact with the Office of the Registrar, (2) the date of the postmark on the letter of intent to resign (or the date of receipt if no postmark exists), or (3) the date of telephone notification to the Office of the Registrar. R grades are assigned for all courses for which registration is terminated between the end of the add/drop period and the resignation deadline.

After the deadline for termination of registration or resignation, students may apply to the Director of Academic Advising for permission to withdraw from each of their classes. Petitions for late withdrawals should be submitted to the Academic Advising Center. Permission will be granted only in exceptional and extenuating circumstances. If permission is granted, students will receive W grades for all classes, but will still be responsible for all tuition and fee charges.

Failing to attend the classes for which a student is registered or failing to notify the appropriate administrative offices of nonattendance is **not** considered an official resignation. Students who fail to follow proper procedures for termination of their registration are responsible for all tuition and fees assessed for the term or session.

Student Responsibilities in the Advising and Registration Process

Students are ultimately responsible for the successful planning and implementation of their academic program. This responsibility includes satisfying prerequisites for chosen courses, taking the appropriate courses to meet general education and major requirements, and abiding by the guidelines and policies of the University and the Greensburg campus. Students are expected to be generally familiar with the contents of this publication, as well as with the updates provided on the Pitt Greensburg website or through information sheets. Students should be aware of basic degree and major requirements, information about the registration process, and the rules governing changes in registration, etc. Students should maintain a personal file containing information about their academic progress and current registration. Students are also responsible for making appointments with their advisors during the registration period for each semester.

Support Services

Pitt-Greensburg has several offices that offer additional support to students who may be struggling academically. (See Student Services section for further information.)

- The Counseling Center, located in Chambers Hall, offers free, confidential counseling for all students, including supportive counseling for issues that directly impact academic performance:
 - Depression that can impact attendance and motivation
 - Anxiety that can lead to attending and participating in class
 - Attention problems that can impact attendance, focus, and work completion
- Career Services, located in Chambers Hall, helps students prepare to reach their professional goals. Career staff help students to:
 - identify career options related to academic majors.
 - connect with networking, job shadowing, and internship opportunities.
 - prepare for and apply to graduate programs.
 - create resumes and cover letters for job searches
- The Learning Resources Center, located in Millstein Library, offers:
 - Disability Services (learning accommodations)
 - Tutoring
 - The Writing Center
 - Study skills help

Other Opportunities for Earning Credits

In addition to the courses students take on the Pitt-Greensburg campus, students have a variety of options for earning credits that apply to a Pitt-Greensburg degree or for simply taking college-level courses. These options include the following:

Cross Registration at Cooperating Local Colleges

Cross registration gives students access to courses that are not available at Pitt-Greensburg. Students may cross register at Seton Hill University. Cross registration is limited to one course per semester and is available only during fall and spring terms and only to full-time students. Students must abide by the academic policies of the host institution in selecting cross registration classes. Both the grades and credits earned at the host institution are transferred to Pitt-Greensburg. Students interested in cross registration should consult with their advisors at the Academic Advising Center.

Credit by Examination

Students may earn credits toward graduation not only by taking and successfully finishing courses, but also by taking special examinations. Three types of special examinations are used at Pitt-Greensburg: Challenge Examinations, the College Level Examination Program (CLEP), and the Advancement Placement (AP) program of The College Board.

1. In **Challenge Examinations**, students take a test for a specific course offered by the Greensburg campus. Each test for credit by examination must be arranged with the department teaching the course for which credit is desired. Departments set their own policies as to the specific courses for which students may request challenge examinations, the time and type of the examination, and the number of courses among those required for the major for which credit may be earned by examination.

Students may not take credit examinations for material presupposed as prerequisites for admission. If students have mastered, during their high school careers, material that is traditionally covered in a college course and that is not required for college admission, they are allowed to attempt to obtain credit by examination for it, provided that the course is one for which the department accepts credit by examination. Credit by examination cannot be obtained, however, for a college level course for which credit has already been awarded, nor can it be used to alter a grade already received. Credit may not be earned by examination in lower-level sequence courses when the student has already obtained credit for a higher-level course in the sequence. Students are not permitted to audit courses without registering and then apply for credit by examination.

Students wishing to earn credit by examination should consult the department in which the course is given and then obtain the requisite form from the Office of the Registrar. There is a fee for the examination - whether or not credits are earned.

2. The purpose of the **College Level Examination Program (CLEP)** is to enable those individuals who have attained college-level education in nontraditional ways to assess their achievement and use the test results in seeking college advanced placement credits in a selected program of study.

The University of Pittsburgh at Greensburg, cognizant of the diversified backgrounds of its student population, uses the general examinations of CLEP as a means of evaluating adult candidates for advanced placement after admission to the University. The general examinations consist of five areas: English composition, humanities, social sciences, natural sciences, and mathematics.

3. Students who participated in the **Advanced Placement (AP)** program of The College Board may request college credit by asking the Educational Testing Service to forward their AP scores to the Pitt-Greensburg Office of Admissions. For students enrolled in Pitt Greensburg majors, credits based on AP tests will be awarded based on the same criteria used at the Pittsburgh campus. Detailed information about each specific AP Exam, score, and credits can be found on the Office of Admissions and Financial Aid (OFA) website.

Hybrid Courses

All hybrid/blended courses must provide 50% or more of the instruction in a face-to-face modality. For a three credit course this would amount to 22.5 hours of face-to-face contact. The percentage of face-to-face (in-classroom) hours and the percentage of online hours must be stipulated in the course syllabus so that the expectations are clear to students.

Transfer of Credits for Courses Taken at Other Schools

Students in good academic standing may enroll for a summer or special session at another institution as a way of advancing or supplementing their academic program. Pre-approval from the Academic Advising Center is required. Students should provide their academic advisor with a proposal specifying courses to be taken and academic objectives to be met along with a description of the content for each of the proposed courses.

To be eligible for transfer, courses taken at other schools must

1. be offered by an accredited institution,
2. be substantially the same as courses regularly offered at the Greensburg campus or at other liberal arts and science colleges, and
3. not be a repetition of any course taken previously.

Students with fewer than 60 credits earned can take summer or special session courses at a two-year school. Students with fewer than 90 credits can take summer or special session courses at four-year schools. All students must complete their last 30 credits at the Pitt-Greensburg campus.

Verification of Enrollment

Requests for verification of a student's enrollment are processed by the Office of the Registrar. The student's signature is required as a condition to the release of verification of enrollment information.

Attendance Policy

Normally, students are expected to attend classes. There is no University rule regarding attendance, but individual faculty members may set rules for their courses.

Academic Integrity

One essential condition of an open and progressive University community is personal integrity. This requires honesty in all academic work. Students who cheat, plagiarize or otherwise take improper advantage of the work of others are subject to a variety of penalties. First-offense penalties vary at the discretion of the instructor. They may be failed on the particular piece of work in question or in the course in which dishonest work is committed. A second offense may mean suspension or permanent dismissal from the University. Students should consult section on Academic Integrity in the Student Handbook.

Grading Options, Letter Grades, and Other Grade Report Codes

Students may register for courses with different grading options that include letter grades, pass for credit, and audit. Numeric values are assigned to letters for the purposes of computing grade point averages (GPA). Other grade reporting codes are used to identify courses in which work is incomplete or courses from which a student has withdrawn or resigned. Definitions and details on grading options, grade reporting codes, and grade and grade point averages are provided in the following sections.

Letter Grades/Number Equivalents/Quality Points Earned per Credit

A+	=	4	
A	=	4	Superior attainment
A-	=	3.75	
B+	=	3.25	
B	=	3	Meritorious attainment
B-	=	2.75	
C+	=	2.25	
C	=	2	Adequate attainment
C-	=	1.75	
D+	=	1.25	
D	=	1	Minimal attainment
D-	=	0.75	
F	=	0	Failure

Auditing Classes (N Grades)

Any course offered by the Greensburg campus may be audited by any student who has been admitted to Pitt-Greensburg. Audited courses appear on the transcript with a grade of N, but no credit is earned. Regular tuition rates apply to audited classes.

Satisfactory/No Credit Grading Option (S or NC Grades)

Some courses may be taken on a pass-for credit basis. A student enrolled in a course on a pass for credit basis receives either a grade of S or NC. An S grade is approximately equivalent to a letter grade of C or better and means that the student will receive credit for the course. An NC grade means that the student will not receive credit for the course. S and NC grades are not included in the calculation of the GPA. No more than 12 credits with S grades may be counted toward graduation. Students must declare their decision to choose the pass-for-credit grading basis by the deadline published in Pitt-Greensburg's *Calendar of Important Dates* which is available for each term on the Class Schedules page on the Pitt Greensburg website.

Incomplete Grade (G Grades)

When students are prevented by circumstances beyond their control from completing a course and it is too late to withdraw, an instructor may assign a G grade. The G grade option should only be available when the student has been attending a course and has been making regular progress. The student and instructor are expected to complete, sign, and submit the G Grade Record Form, which serves as documentation of the work (e.g., a final examination or a term paper) that must be completed in order to finish the class. The instructor has discretion to decide if a G grade is appropriate and is under no compulsion to grant a G grade for substantially incomplete work. If a significant part of the work is incomplete and the student has not officially withdrawn, the appropriate grade is an F.

A G grade must be replaced by a final grade within three semesters; otherwise, the privilege of completing it is withdrawn and the G grade is changed to NG (no grade). Until the G grade is changed to the final grade, an uncompleted G grade remains on the transcript and does not count in calculating the GPA. The student must arrange with the instructor for the completion of a G grade. Only the instructor who gave the G grade can change it; if he/she becomes unavailable by leaving the University, the credits may be lost.

Grade Point Average (GPA)

The Grade Point Average (GPA) is the numeric indication of a student's academic achievement based on a 4.00 grade point scale. Undergraduates must have a 2.00 GPA in order to graduate from the University of Pittsburgh. The value is the average of total letter grades earned and is available by term or career. Some academic centers may also maintain degree and/or major/departmental GPA values. The following example illustrates the calculation of the GPA.

Course	Grade	Numeric Value	Credits	Quality Points
ENGCMP 0020	A+	4	3	12
FS 0024	B	3	2	6
BIOSC 0170	B	3	4	12
PSY 0010	C-	1.75	3	5.25
PS 0200	D+	1.25	3	3.75
Totals			15	39

GPA (39 divided by 15) = 2.60

All courses taken for credit on the letter-grade system, except repeated courses and transfer credits, are included in the computation of the official GPA, which is determined in the Office of the Vice President for Academic Affairs. Inclusion on the Dean's List, honors at graduation, and placement on probation depend directly on this GPA.

Grade Reports

At the end of each term or session, the University posts students' official grades in PeopleSoft. Students may access their grade reports in their Student Center which is accessed via PeopleSoft/HighPoint CX on the Pitt portal (my.pitt.edu). This report shows the total credits earned, the grade earned in each course taken during the period covered by the grade report, as well as the associated grade points earned.

Transcripts

Official transcripts of a student's academic record can be requested through an online ordering system (<http://greensburg.pitt.edu/transcripts>) or in person by the student. In-person requests are made in the Office of the Registrar, University of Pittsburgh at Greensburg, 120 Millstein Library. The student's signature and a photo ID are required as a condition of the release of academic transcripts. Telephoned requests cannot be honored. A fee of \$3 is assessed for each copy issued to the student and a fee of \$6 is assessed for each copy mailed to a designated recipient. An active student may request an unofficial copy of a transcript once each term without charge. Transcripts are withheld if the student has an outstanding financial obligation to the University or a judicial hold.

Dean's List

In recognition of students' exemplary academic achievement, full-time Pitt-Greensburg students are placed on the Dean's List at the conclusion of the regular fall and spring terms. This list includes the names of all full-time students who earned at least 12 letter grade credits*(*see additional guidance below*) from Pitt-Greensburg, and a minimum term GPA of 3.50 or higher.

Dean's List recognition is published annually at the end of the spring term, for part-time students who have accrued 12 letter grade credits*(*see additional guidance below*) in the previous summer, fall, and/or spring semesters and meet the same academic criteria as stated above.

Classes completed at other campuses within the Pitt system and through approved cross-registration agreements that meet the required academic criteria will be included as part of the 12 credit completion requirement.

Public Recognition & Student Notification

Students on the Dean's List will receive a digital letter from the Office of Academic Affairs and their names are published on the Pitt-Greensburg website. Please note, students who choose to have their directory information withheld by the University will not be included on the published list.

**Additional Guidance*

- Courses taken with the S/NC or H/S/U grading option are only included as part of the 12 credits earned if there is no option to take the course for a letter grade.
- No letter grade lower than C.
- Students with NC, U, G, or missing grades at the time of review will not be eligible for the Dean's List.

Course Repetitions

1. A student may repeat any course, except as noted below; however, only the repeated grade is counted toward the degree goal.
2. No sequence course may be repeated for credit after a higher numbered course in that sequence has been passed with a C or higher grade.
3. No course may be repeated at any other institution nor will the grade be accepted as a replacement for the original grade earned at the University of Pittsburgh.
4. The grade earned by repeating a course is used in lieu of the grade originally earned even if it is lower than the original grade. The original course registration and grade remain on the academic record, but the grade and credits originally earned are not counted in the computation of the GPA. The repeated course does not increase the number of credits counted toward meeting the degree requirements unless an F is replaced by a passing grade.
5. A W, R, or N grade reported for the repeated course will not be identified as a course repeat; thus, the original grade earned will continue to be counted in the GPA. Incomplete (G) grades will not be identified as repeated courses until the course work is completed.
6. Students may repeat a course no more than two times without the approval of the Vice President for Academic Affairs or Director of Academic Advising.
7. The repeated course must be the same as that in which the original grade was earned. In extenuating circumstances, with the approval of the Vice President for Academic Affairs, the student may substitute another course of similar content.

Academic Probation and Suspension

Students are expected to achieve good academic standing, a minimum 2.00 cumulative GPA, every semester. Students who fail to earn the minimum cumulative GPA requirement are placed on academic probation, but are allowed to enroll and attend classes at Pitt-Greensburg. All student records are reviewed at the end of each semester to determine which students are having academic difficulty and have not met the minimum GPA requirement. Those who lack the minimum requirements for good academic standing are notified of their probationary status by mail and email. The information received will describe the terms of their probation and the deadline by which their cumulative GPA must be raised above 2.0.

The academic progress of students on probation is monitored on a term-by-term basis. Students will remain on academic probation for one or two semesters. If a student does not sufficiently raise their cumulative GPA above 2.0 within the time-frame stated in the probation letter, the student will be suspended from the University. Probationary students are encouraged to retake courses in which they have earned the grades of F or D to quickly repair their GPA. A student's academic status (e.g. good academic standing, academic probation, suspension, etc.) is part of the students' academic record, but not recorded on the transcript. Probationary students who do not show progress toward achieving good academic standing are subject to suspension for a minimum of one semester or dismissal from the University.

Students who have been suspended from the University of Pittsburgh at Greensburg are not permitted to take classes for at least one semester. During the period of suspension, and in consultation with their academic advisor, a student who has been suspended may be permitted to transfer one course from another institution for each semester on suspension. All transfer credit policies apply. Courses previously taken at the University of Pittsburgh cannot be repeated at another institution. Students must earn a minimum grade of C or better and only the credits, not the grades will transfer in. Students wishing to return to the University of Pittsburgh Greensburg after their suspension period must contact the Academic Advising Office. If a student chooses to extend their time away from the University beyond the specified period, reinstatement may be required. All students returning from academic suspension are expected to work closely with the academic advising staff and other campus resources to achieve good academic standing.

Reinstatement After Suspension

Students who have been suspended may apply for reinstatement after the suspension period. A formal application for reinstatement should be submitted to the Office of the Vice President for Academic Affairs at least a month prior to the beginning of the term in which the student plans to enroll. Students seeking reinstatement who have been away more than 12 months must pay an application fee. Favorable action can be expected if the student provides evidence that he/she can pursue an academic program with some prospects for success.

Students who are readmitted after suspension may carry only those credits approved by the Vice President for Academic Affairs. If such a student does not achieve a satisfactory record for his/her approved program of courses, he/she will be permanently dismissed without appeal.

Any courses that a student may take at another institution during a period of suspension will be subject to review and may not be granted credit by the University after that student has been reinstated.

Active Status and Reinstatement/Readmission after Nonattendance

A student is active when admitted and enrolled in the term of admission. A student is considered to be enrolled only when officially registered with the Registrar in accordance with established University policies. Once students have been admitted to and enrolled at Pitt-Greensburg, they are eligible to continue as long as they maintain satisfactory academic standing and continue to register during the fall and spring terms until they have earned degrees.

Students become inactive when: (1) as new or readmitted students they do not enroll in the term of admission/readmission, (2) they have not enrolled for at least one credit during three consecutive terms, or (3) they have graduated. An inactive student is not permitted to use University facilities or to receive counseling or active supervision by a faculty member, advisor, or committee.

Students who do not enroll in the term of admission/readmission may defer admission or readmission for up to one year. Requests to defer admission should be addressed in writing to the Office of Admissions. Students who do not enroll within one year of their initial admission to Pitt-Greensburg must reapply before registering for classes. Readmission is not automatic. The student must meet all current admission and degree requirements.

Once they have been admitted and enrolled, students are expected to maintain their active status with the University until they graduate. Students who are absent from the University for a year (i.e., do not enroll for at least one credit during three consecutive terms) must apply for and be granted reinstatement before they may resume their programs. Reinstatement requires formal application to the Office of the Vice President for Academic Affairs at least one month prior to the beginning of a term. If the reasons given in the reinstatement application clearly indicate that the student can resume his/her program with reasonable expectation of completion, and if the vice president for academic affairs has no other grounds for denying the request, favorable action can be expected. Applications for reinstatement should be submitted during the registration period (i.e., week seven to week 12) of the term preceding the term for which the student seeks reinstatement so that students may meet with an advisor for help in selecting courses and planning their programs. The student's status upon reinstatement will be that which he/she attained at the end of his/her last term in residence or at the beginning of the term during which resignation took place. Applicants will be notified by letter of the action taken on their applications.

Students who interrupt their studies at Pitt-Greensburg for one or more terms to attend another institution must apply for readmission to the University as a transfer student. This rule does not apply to students who, with the permission of the vice president for academic affairs, attend another institution as part of their academic programs. Please refer to the regulations for transfer admission. Readmission is not automatic. The student must meet all current admission and degree requirements.

Statute of Limitations

All the credits required for a degree, whether earned on the Pitt-Greensburg campus or transferred from another institution, must have been earned no more than 12 years prior to the date on which the degree is awarded. However, when given evidence that the previous courses still provide adequate preparation for courses yet to be taken and the courses yet to be taken represent a reasonable part of the total academic program, the Vice President for Academic Affairs may waive this limitation. In such cases, the waiver is for a specific period during which the program must be completed.

Graduation

Requirements

The Bachelor of Arts or Bachelor of Science degree will be awarded upon the fulfillment of the following conditions:

1. Completion of all required courses satisfactorily; that is, at least 120 credits of academic work at the University of Pittsburgh at Greensburg in one of the prescribed curricula by completion of courses, by advanced standing, or by examinations.
2. Application for a degree when the student has earned 90 credits.
3. Completion of the senior-year coursework (the last 30 credits) at the University.
4. Achievement of minimum overall grade point average of 2.00 in courses taken at the University with a minimum 2.00 grade point average in the major. (Some departments have more stringent requirements. Consult the Program Descriptions in this publication.)
5. Recommendation for a degree by the duly constituted authority of the University of Pittsburgh at Greensburg.

Applications

When students have earned 90 credits, they must file an application for graduation with the Senior Academic Advisor. Compliance with this deadline will enable the Academic Advising Office to make a complete appraisal of the student's record. Any deficiency disclosed by the evaluation should be corrected promptly by the student.

Honors

Those students in a graduating class who have attained an outstanding scholastic record may be graduated with honors. To qualify for honors, a student must have completed at least 60 letter-graded credits at the University of Pittsburgh **and** attained a cumulative GPA of 3.25 for cum laude, 3.50 for magna cum laude, and 3.75 for summa cum laude. The graduation honors for the purposes of the spring commencement ceremony are based on the records of students at the end of the fall semester. Graduation honors reported on the official diploma and recorded in the permanent record are based on the student's complete record through the end of the final semester.

Family Educational Rights and Privacy Act (FERPA)

In compliance with the Family Educational Rights and Privacy Act (FERPA) of 1974, commonly referred to as the Buckley Amendment, the University guarantees that students have the right to inspect all personally identifiable records maintained by the institution and may challenge the content and accuracy of those records through appropriate institutional procedures. It is further guaranteed by the University that student records containing personally identifiable information will not be released except as permitted by the Family Educational Rights and Privacy Act. See policy.pitt.edu/access-and-release-education-records for more information on FERPA.

Relocation (Transfer) to Another Pitt Campus

Students planning to relocate to another campus at the University of Pittsburgh should talk with their academic advisor about the relocation requirements as early as possible. The advisor can also assist with choosing courses that will transfer. The GPA and credit requirements vary from program to program so it is important to research the intended program and follow their guidelines carefully. To apply for relocation, the first step is

to complete and submit a relocation application, which is available in the Academic Advising Office (110 Millstein). The school that the student applies to will review the application materials, make the admission decision, and notify the student directly.

Before registering for classes in the new program, the student must have their Greensburg advising hold removed. Please contact the Academic Advising Center at the Greensburg campus (724-836-9940) to have the hold removed prior to the registration appointment at the new campus. Students already registered for classes at the Greensburg campus must drop them first, before registering for classes on their new campus.

Statement of Compliance Regarding Satisfactory Academic Progress (SAP) for VA Educational Beneficiaries - 38 US Code Section 3675(b)

This policy applies to students who are VA beneficiaries and is intended to prevent the submission of VA-claims ("certifications") for those students who are suspended. Specifically:

- In this instance, VA beneficiaries are defined as students receiving VA educational benefits under Chapter-30, Chapter-33, Chapter-35 and Chapter-1606, Title 38 U.S. Code.
- Students placed on academic probation at the end of the term may be certified for VA educational benefits for the subsequent term. If the student does not meet satisfactory academic progress in that subsequent term-defined as attaining a cumulative GPA at or above 2.00 for full-time students or attaining a cumulative GPA at or above 2.00 after attempting 12 additional credits for part-time students-the university will immediately suspend further VA certifications on behalf of the student.
- Students returning from one calendar year of suspension must re-apply for admission to the university. If accepted, those students may be certified for VA educational benefits.

Certification of Chapter-31 students will be at the discretion of the student's VA vocational rehabilitation counselor.

Statement of Compliance Regarding VA Educational Beneficiaries - 38 US Code Section 3679(e)

As a matter of policy, the University of Pittsburgh allows students identified as *covered individuals** to attend and participate in all course(s) of education for any given term in which the student has been certified for VA educational benefits. This policy includes those circumstances in which VA payment(s) for student tuition and fees is late or delayed for up to 90 days after date of certification. The University retains the right to impose late fees upon those students who incur or retain an outstanding balance beyond the amount of expected VA tuition & fee payment for the term.

It is school policy to request all beneficiaries of VA educational benefits-including covered individuals*-provide the following documentation as part of certification process:

- VA Certificate of Eligibility (COE) or Statement of Benefits as printed from the VA.gov website
- Completion of a certification request form (in hard-copy or on-line), which includes biographical information necessary for submission in the VA's IT system of record-VA-Once.

Failure to provide such documentation will result in the delay of any VA claim or certification.

* Note: VA defines a **Covered Individual** as any individual who is entitled to VA educational assistance under the VA's Vocational Rehabilitation and Employment program (38 U.S. Code Chapter 31) or the VA's Post-9/11 GI Bill® (38 U.S. Code Chapter 33).

("GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill.)

Statement of Compliance Regarding the Johnny Isakson and David P. Roe Veterans Health Care and Benefits Improvement Act of 2020 - Section 1018

In accordance with the "*Responsible Education Mitigating Options and Technical Extensions Act*" or the "REMOTE Act" of 2021 to Section 1018 of the *Johnny Isakson and David P. Roe, M.D. Veterans Health Care and Benefits Improvement Act of 2020* (Public Law 116-315), the University of Pittsburgh provides a College Financing Plan (formerly known as Financial Aid Shopping Sheet) to every student who completes a FAFSA application including all VA beneficiaries.

Per Veterans Benefits Administration notification, "Isakson and Roe, Section 1018 Changes, dated June 13, 2022: The REMOTE Act affords the opportunity for schools to use the College Financing Plan (CFP), available through the U.S. Department of Education as a means to satisfy the requirements of section 3679(f). An Educational Training Institution that utilizes this form is providing sufficient consumer information, will be exempt from all section 3679(f) requirements, and does not need to apply for a waiver. An Educational Training Institution does not need to be participating in Federal Title IV Federal Student Aid to utilize the CFP to satisfy the requirements of section 3679(f).

Financial Information

Tuition and Other Expenses

** A student may not register for more than eighteen undergraduate credits in a single term without the specific written approval of the Director of Academic Advising. Students must pay an extra charge for each credit over eighteen credits per term. This charge is in addition to the full-time term tuition rate. The charge per credit will be the prevailing per-credit tuition rate listed below for part-time students.*

The University's tuition and mandatory fee rates are available on the Tuition and Mandatory Fees page.

Determining How Full-Time vs Part-Time Students are Billed

In the Fall and Spring Terms:

Undergraduate students registered for 12 to 18 credits in the Fall and Spring Terms are regarded as full-time students, and are assessed the current undergraduate "flat" tuition rate for their academic center.

Undergraduate students registered for fewer than 12 credits are considered part-time, and are billed on a per-credit basis.

Students will be charged per credit for each credit exceeding the maximum full-time credit limit.

In the Summer Term:

All students are billed on a per-credit basis in the Summer Term.

About Mandatory Fees

Mandatory Fee figures are applicable to students regardless of Pennsylvania or Out-of-State residency. Not listed under Mandatory Fees are:

1. **Course/major fees** that are based upon registration in specific courses (e.g., lab fees).
2. **Academic fees** (e.g., application fees, academic program fees for programs such as Study Abroad).
3. **Service fees** (e.g., late application for graduation and lost ID cards).
4. **Professional workshop and professional development fees**
5. **Specific-student fees** such as the Freshman Socialization Fee.

Fees and Deposits

Note: The University reserves the right to change the tuition rate and fees at any time without notice in advance.

Application Fee	UPG has now waived the fee paid at the time of application for admission	\$0
Tuition Deposit	Non-refundable fee paid at the time of acceptance of admission offer; credited as partial payment of tuition	\$100
Housing Deposit	Non-refundable fee for full-time students to reserve campus housing; credited as partial payment of room charges	\$150
Freshman Socialization Fee	New full-time students - assessed only in the fall term of the freshman year	\$90
Activities Fee	Full-time student per term	\$85

	Part-time student per term	\$22
Athletics Fee	Full-time student per term	\$105
	Part-time student per term	\$22
Computer and Network Services Fee	Full-time student per term	\$175
	Part-time student per term	\$100
Health Center Fee	Full-time student per term	\$30
	Part-time student per term	—
Student Center Fee	Full-time student per term	\$80
	Part-time student per term	\$32
Parking Fee	Full-time student per year	\$75
	Part-time student per year	\$40
Course Fees	Lab fees charged on a per-course basis for Biology, Chemistry, Information Science, and Physics labs	\$65
	Biology Senior Lab Fee	\$175
	Social Foundations of Education-ADMPS 1001	\$100
	First Field Experience -ADMPS 1010	\$100
	Piano-Music 0512	\$100
	Intro to Professional Nursing	\$46
	Foundations of Nursing Practice	\$133
	Foundations of Nursing Practice II	\$133
	Nursing Care of Mothers, Newborns, and Families Clinical	\$120
	Advanced Nursing Mgmt of the Adult with Acute/Complex Health Problems Clinical	\$120
	Adv Clinical Problem Solving	\$120
	Transitions into Professional Nursing Practice	\$133

Financial Obligations

The University of Pittsburgh has the right to withhold services and access to academic records, including but not limited to transcripts and diplomas, and will refuse to accept registration for current and future terms if a student defaults on any financial obligation unless repayment arrangements have been made that are satisfactory to the Pitt-Greensburg Office of Student Accounts.

Optional Payment Plan

A student whose account is in good standing is eligible for the optional payment plan. More information about this is available from the Pitt-Greensburg Office of Student Accounts.

Payments and Credit Balance Refunds

PittPAY is the University's online financial portal for students and the Authorized Users that students have designated as having access to their financial information.

Payments may be made in PittPAY by electronic check (eCheck) or by credit or debit card. While there is no charge for eCheck transactions, our vendor will charge a non-refundable 2.75% convenience fee for all debit or credit card payments. Check payments can be mailed to the address on the Remittance Form at the bottom of the Term Statement, which students and Authorized Users can generate and print themselves.

International Payments can be processed in PittPAY through the University's partnership with Flywire. Flywire offers a streamlined and cost effective way for students and Authorized Users to make international payments on the student account from almost any country, in most currencies.

PittPAY Payment Plans are available for those who elect to make payments in a series of monthly installments, instead of one payment by the due date. Participation in a payment plan is optional. To view available payment plan offers, go to the Payment Plans tab in PittPAY.

eRefunds are automatic refunds of credit balances from the student account. Credit balances occur when payments to the account, including the disbursement of loans and financial aid, exceed the amount you owe. Students and Authorized Users who are Parent PLUS loan borrowers, go to the eRefund tab in PittPAY to designate the checking or savings account where your credit balances should be directly deposited.

Eligibility for Reduced Tuition

Tuition rates for the University of Pittsburgh at Greensburg are based on whether or not the student is a permanent resident of the Commonwealth of Pennsylvania. A higher tuition rate is charged to nonresidents.

A student who has lived in the Commonwealth of Pennsylvania for a continuous period of 12 months immediately prior to enrollment at any college or university in the state may be eligible for reduced tuition rates. To be eligible, the student must also be a citizen of the United States or have an immigrant or permanent resident visa. A minor is presumed to have the domicile of his parents or guardian. The age of majority for establishing a domicile for tuition purposes is 22.

Copies of detailed *Guidelines and Procedures for Determining Eligibility for Reduced Tuition Rates* are available upon request from the University of Pittsburgh at Greensburg, Office of the Registrar, 120 Millstein Library, 150 Finoli Drive, Greensburg, PA 15601, 724-836-9899. Any admitted student may petition for reduced tuition rates by supplying convincing evidence to be reviewed by the Office of the Registrar. Only the Office of the Registrar may evaluate eligibility for tuition purposes.

Title IV Refund Policy

Adjustments to tuition charges resulting from official resignations are based on the effective date of resignation and in accordance with the federally mandated calculation.

The calculation is based on the period of enrollment completed. That percentage is computed by dividing the total number of calendar days in the term into the number of calendar days completed, as of the date of student notification. The percentage of Title IV assistance to which the student is entitled (has "earned") is equal to this percentage of the term completed, up to 60 percent. If the resignation occurs after 60 percent of the term is completed, the percentage is equal to 100 percent.

The amount of Title IV aid which must be returned is based on the percentage of "unearned" aid. That percentage is computed by subtracting earned aid from 100 percent. The University is required to return the lesser of 1) the unearned aid percentage applied to institutional charges or 2) the unearned aid percentage applied to the total Title IV aid received.

The student is required to return the difference between the amount of unearned aid and the amount returned by the University. If the student (or parents in the case of PLUS loans) is required to return a portion or all of their loan proceeds, the calculated amount is to be repaid according to the loan's terms. Students must return only half the amount of grant funds calculated.

Funds are returned to the following Title IV sources in order of priority:

1. Unsubsidized Federal Direct Stafford Loans
2. Subsidized Federal Direct Stafford Loans
3. Federal Direct PLUS loans
4. Federal Pell Grants
5. Iraq & Afghanistan Service Grants
6. Federal SEOG
7. TEACH Grants
8. Other Title IV assistance for which a return of funds is required
9. Other federal, state, private, or institutional financial assistance
10. Student

Financial Aid Information

Student Financial Aid

The Office of Financial Aid at Pitt-Greensburg is committed to serving students and families by providing counseling and consumer information to students and families to assist them in receiving the maximum assistance for which they qualify. Pitt-Greensburg has designed a comprehensive financial aid web site to assist in understanding the process and answering many general questions. Additionally, our financial aid professionals are available to address any questions or concerns.

Financial aid is awarded from three major sources: federal, state and institutional funds. A financial aid award is made up of one or several different types of aid: grants, scholarships, loans and work opportunities.

Financial need is determined by calculating the difference between Expected Family Contribution (EFC) and the expected total cost of attending school for a year. The EFC is determined by the information provided on the Free Application for Federal Student Aid (FAFSA). After the FAFSA is filed, a Student Aid Report (SAR) is received via email from the federal processor with the EFC listed on the first page. Cost of attendance (COA) is comprised of average tuition, fees, room and board, transportation, and personal costs. EFC and COA can be viewed on the Financial Aid tab in the Student Service Center on my.pitt.edu.

Student Financial Aid Rights and Responsibilities

Students have the right to know:

- What financial aid programs are available.
- The deadlines for submitting applications for each of the financial aid programs available.
- How financial aid is distributed and how decisions on that distribution are made.
- How financial need is determined. This includes how costs for tuition and fees, room and board, travel, books and supplies, personal and miscellaneous expenses, etc., are considered in the student budget.
- What resources (such as parental contribution, other financial aid, student and family assets, etc.) are considered in the calculation of financial need.
- How much of the financial need as determined by the institution has been met.
- An explanation of the various programs in the student aid package.
- The school's refund policy.
- What portion of the financial aid must be repaid and what portion is grant aid. If the aid is a loan, the student has a right to know what the interest rate is; the total amount that must be repaid; the repayment procedures; the length of time to repay the loan; and when repayment is to begin.
- How the school determines satisfactory academic progress and what happens if progress is less than satisfactory.

- That all documents submitted to the Office of Financial Aid are confidential.

Student and financial aid recipients' responsibilities are to:

- Complete all documents required for financial aid accurately and to submit them before the deadlines to the proper place.
- Provide correct information. In most instances, misrepresentation of information on financial aid application forms is a violation of law and may be considered a criminal offense which could result in indictment under the U.S. Criminal Code.
- Read, understand and retain a copy of all forms requiring signature.
- Accept responsibility for all signed agreements.
- Return all additional documentation, verification, corrections, and/or new information requested by the financial aid office or the agency to which the application was submitted.
- Be aware of the school's refund procedures.
- Participate in an entrance interview before applying for loans from any source. The interview will review available loans and the terms and conditions of each.
- Participate in an exit interview prior to graduation or transferring to another school

Awards are Subject to Change

- Financial aid applications are evaluated using other general information provided by the student concerning enrollment plans (full- or part-time study), housing status, dependency status, and state residency.
- Should any of this original information change, the financial aid package will be reviewed and may be adjusted by this office.
- A change to less than full-time enrollment may cause awards to be canceled, as some programs of financial aid are only available to full-time students.
- Changes to housing arrangements may affect financial aid.
- If financial aid awards assumed In-State tuition assessment and the student is assessed tuition as Out-of-State, financial aid will be reviewed and adjusted.
- If changes are necessary, our office will make the necessary adjustments to financial aid at the time we are aware of the changes. A revised award notification will be sent accordingly

Grants and Scholarships

Federal Pell Grant - Awarded to students based on need. EFC and enrollment status determine eligibility based on the U.S. Department of Education Pell Payment Schedule. Limited to six (6) years at full-time enrollment.

Federal SEOG - (Supplemental Educational Opportunity Grant) - This award is based on need. It is funded by the federal government but administered by the school. Must be Pell eligible. Priority is given to the students with the most need. Awards may differ from school to school.

Pennsylvania State Grant - Must be a PA resident at least 12 months prior to enrolling in the university and must have completed the FAFSA by May 1. Eligibility and amount are determined by Pennsylvania Higher Education Assistance Agency (PHEAA), not the university. For questions regarding residency, status notice information, or income validation call PHEAA at 1-800-692-7392.

Pitt-Greensburg Academic and Geographic Scholarships and Awards - Scholarships offered at-entry. All freshman merit awards are on the condition of confirmation of high school graduation and receipt of a final, official high school transcript. All transfer merit awards are based on the condition of receipt of final, official high school transcripts (or documentation for GED), and final, official transcripts from all previous colleges and universities attended.

Donor Scholarships - These scholarships are awarded to returning students only. They are not automatically renewed each year. Priority consideration is given to students who complete a FAFSA by March 1 of each year, enrolled in at least 6 credits by April 15, and have at least a 2.0 cumulative GPA. Students will be required to submit a thank-you note to be considered in subsequent years. Completion of the verification process, if selected, is required before the scholarship will be credited to student accounts. Please see our website for more information. Preference given to those students with student loans.

Other Scholarships

Students are encouraged to explore all opportunities for financial support in their local communities. Funding sources and agencies include civic groups, churches, charitable foundations, fraternal organizations, hospitals, unions, and businesses. Students who receive a scholarship or grant from a source other than federal or state government or Pitt-Greensburg are required to report the award to the Office of Financial Aid. Students can send the office a written statement providing the information about the outside scholarship/grant or send a copy of the notification received from the organization that made the award. Pitt-Greensburg is required by the federal government to monitor the total amount of financial aid each student receives from all sources to ensure the student's total financial aid is limited to the demonstrated need and/or cost of education. The Web is a great place for free scholarship search services. For more information on outside scholarships please see the Pitt Funds Me link at my.pitt.edu.

Self Help

Federal Work Study - This is a need based program. It is funded by a match between the federal government and the school. An award of work study does not guarantee a position; all jobs are filled at the discretion of individual departments. Biweekly paychecks are direct deposited for hours worked; the amount is not deducted from the student account balance.

Federal Direct Student Loan:

- This is a federally guaranteed loan in the student's name.
- Generally a student cannot be turned down for a Federal Direct Student Loan unless they have defaulted on a previous student loan or are not a U.S. citizen or eligible non-citizen.
- Must be enrolled in at least 6 credits.
- Repayment begins 6 months after the student is no longer enrolled or drops below 6 credits.
- See our website for specific rates.

Subsidized Federal Student Loan:

- Need based. Interest accrued on this loan is paid by the federal government while the student is enrolled in at least 6 credits.
- Interest accrues during repayment at a fixed rate of 3.73% as of July 2021, 4.993% as of July 2022.

Unsubsidized Federal Direct Student Loan:

- Not need based. The student is responsible for the interest that accrues on the loan from the time it is disbursed until it is paid in full.
- Interest accrues at a fixed rate of 3.73% as of July 2021, 4.993% as of July 2022.
- Please see our website for additional information.

When borrowing, it is important to consider how to manage debt when repaying the loan.

- A manageable level of debt payment is considered to be between 8% and 15% of your first year's gross income.
- Monthly student loan payments normally last up to 10 years.

How to Meet the Gap

Federal Direct Parent PLUS Loans

The Federal Direct Parent PLUS Loan is a credit based loan with a fixed interest rate of 6.28% as of July 2021, and a rate of 6.543 as of July 2022 with default and up-front origination fees of 4.228% after October 1, 2021 and before October 1, 2022.

Students must be enrolled at least half-time in a degree seeking program, be meeting the Federal Academic Progress Standards (SAP), and have a completed FASFA on file for parents to access a Federal Direct Parent PLUS loan.

The borrower must be either a biological or adoptive parent, or step parent. Parent borrowers and their student must be U.S. citizens or eligible noncitizens and not currently in default on federal aid. Through the Federal Direct Parent PLUS Loan Program, parents of dependent students may borrow up to the cost of education less any other financial aid received by the student.

If a parent is denied a Federal Direct Parent PLUS Loan, the student may automatically be considered for an additional unsubsidized Federal Direct Student loan in an amount up to \$4,000/year for freshman and sophomores and up to \$5,000/year for juniors and seniors. Students will receive an email to their Pitt email asking if they want additional unsubsidized loan funds. Students must respond in order for these funds to be processed.

Parent borrowers also have the option to either appeal the credit decision with the U.S. Department of Education or get an endorser for the loan by choosing the associated bubble on the results page after submitting the online Federal Direct Parent PLUS Loan application at studentaid.gov.

For more information, please see our website.

Alternative Loans

A private alternative loan is a non-federal loan, through a private lender, typically in the student's name and usually requiring a cosigner. Approval and interest rates are based on the creditworthiness of the borrower and cosigner. Each alternative lender has different eligibility requirements, loan rates, terms, and conditions.

The Office of Financial Aid can assist with information on lenders. FAST CHOICE is a landing page that offers comparisons of loans, loan counseling, and borrowing options to fit your individual needs. However, the University of Pittsburgh at Greensburg does not endorse, recommend nor promote any particular lender.

The loan must go through a credit check for approval. Students may borrow up to the cost of attendance less other financial aid.

Interest rates vary. Payment may be deferred until a student is out of school or enrolled in fewer than 6 credits; however, the interest will be accruing and should be paid, if possible, while in school. These private education loans do not have an interest rate cap and may or may not be a fixed interest rate.

Federal guidelines determine the timeline for the actual disbursement of funds. The Financial Aid tab on the Student Service Center at my.pitt.edu provides the cost of attendance information needed for the self-certification process of the alternative loans. Click on the above link for additional information.

Self Certification Form

Payment Plan

PittPAY is the University's online student financial portal where students and their Authorized Users can view summary and detailed student account information, including the balance due and due date. Students and their Authorized Users are notified by email periodically before the due date if there is a balance due. In PittPAY, you can also make online payments, enroll in eRefunds, enroll in the optional payment plans, and generate a Term Statement to print, save, or provide to others who request one from you.

You may pay your balance due in full by your due date, or you can enroll in a PittPAY Payment Plan and pay in installments over time, instead. Our optional payment plans are designed to help families spread out the balance due over a series of regular installments. Depending on the date you enroll in a plan, you may be up to six installments for fall or spring terms, or up to 3 installments for summer term. Payment plan installments will be automatically deducted on the 5th of each month from the bank account or credit card you specify when enrolling in the plan. There is a \$45 sign-up fee for each term-based plan. More information is available at <https://payments.pitt.edu/payment-plans/>.

Other Important Information

Release of Student Information to Parents and Others

The Family Educational Rights and Privacy Act of 1974 (FERPA), as amended, states that when a student begins attending a college or university, the rights previously held by the parents shall be accorded to the student.

The university may release information to the parents of a student, without the student's written consent, only if the student is a dependent as defined in Section 152 of the Internal Revenue Code of 1954.

The payment of a student's tuition by the parent does not, by itself, give the parent access to a student's record. You may request this form from the Enrollment Services Office.

Special Note to Undergraduate Students

It normally takes 120 credits to earn a bachelor's degree. To graduate in four years, a student must enroll in a minimum of 15 credits per semester. Enrolling in 12 credits (minimum for full-time students) would extend graduation 1 to 1 ½ years. There are some financial aid program limits that could make this last year financially difficult. For example, PA State Grant has a limit of 8 semesters (part-time is proportionately more).

Renewal of Financial Aid

Financial aid awards are not automatically renewed each year. The FAFSA for the 2022-23 academic year will be available after October 1, 2021. The priority deadline for filing is March 1. Pennsylvania's state grant deadline is May 1.

Making Corrections on Your FAFSA

Students may jeopardize their eligibility for financial aid if corrections are made to the household or income/asset sections of the FAFSA after a financial aid award letter is received. Making corrections also increases the likelihood of being selected for verification. If students need to make corrections, it is important to contact the Office of Financial Aid.

Changes in Circumstances It is the student's responsibility to report changes that may affect eligibility for financial aid: for example, a scholarship that is not listed on the award letter, or if enrollment, residency or housing status changes, let the Office of Financial Aid know.

Special Conditions

For special circumstances that are not reflected in the information provided on the FAFSA, contact our office. The Office of Financial Aid will only make earned income adjustments after the current year's federal taxes are completed. IRS Tax Transcripts and w2s from the previous and current year must be submitted for review no later than the end of the first week of April. Changes may be made retroactive to the fall semester.

Summer Financial Aid

Limited financial assistance may be available for the summer term, usually in the form of student and parent loans and/or Federal Pell Grants. Students need to be registered in at least 6 credits and have loan eligibility left from the previous academic year in order to receive a Federal Direct Student Loan for summer. Alternative educational loans are also available to students with no federal student loan eligibility left from previous academic year. Students should complete a separate application (available in the Office of Financial Aid) after registering for summer classes.

Study Abroad

If you are planning to participate in a Study Abroad program contact the Office of Financial Aid as early in the term before the study abroad experience as possible so that we may help you plan for your term abroad. Financial aid is available for Pitt approved programs only.

Veteran and Soldier Benefits

Pitt-Greensburg does not have a veteran's liaison on-campus; only a certifying official. It is the responsibility of the veteran to obtain the proper paperwork, and file the necessary applications on-time for their benefits.

Pitt-Greensburg requires a Letter of Eligibility (LOE) before we can certify any benefits. Also, for those that receive Federal Tuition Assistance (FTA), veterans must submit the Army Tuition Assistance Authorizations for all approved classes. VA Beneficiaries must notify the Office of Financial Aid of all changes in enrollment.

benefits.va.gov/gibill/ armyignited.com/app/

ROTC Scholarships

The U.S. Army awards financial aid on a competitive basis to outstanding young men and women who are interested in a military career and who pursue a commission as an officer through a Reserve Officers Training Corps (ROTC) program while in college.

All U.S. Army ROTC scholarships pay up to 100% of tuition or \$10,000 for room and board per year. Additionally, cadets receive a stipend for books and a tax-free subsistence allowance. Students who enroll in the U.S. Army ROTC program as freshman and sophomores may apply for two- and three-year scholarships, and all students who accept U.S. Army ROTC scholarships enter a contractual agreement with the U.S. Army. Specific information is available through the Office of Student Affairs at Pitt-Greensburg, or from the Department of Military Science, which has offices on the campus of Saint Bonaventure University.

Mailing Address

All correspondence from the university will be mailed either to the permanent/ mailing address provided on the admission application or to your campus mailbox (if you live on campus). It is your responsibility to keep addresses current, which includes off-campus addresses. Change of Address Forms are in the Enrollment Services Office.

Pitt-Greensburg Email

Students admitted to Pitt-Greensburg will receive a Pitt email account. This is the official means of communication. If you use a private account, please forward your Pitt email to your private email so that you will receive the important information that is sent directly to the student or the student distribution list from this office.

Verification of FAFSA Information

New Students: If you are selected for verification, we will not be able to credit your student account with federal funds until you have completed the verification process.

Returning Students: If you are selected for verification, you will not be awarded federal funds until you have completed the verification process and your FAFSA status is Official.

Both new and returning students will receive an email with instructions to complete the verification process online.

Federal Tax Information

FAFSA filers are strongly encouraged to use the IRS Data Retrieval Tool (IRS DRT). This process allows the IRS to automatically pre-fill FAFSA income questions.

If an applicant selected for verification has not successfully transferred information from the IRS, or has changed information provided by the IRS, the Department of Education expects the institution to require the applicant, and if necessary, the applicant's spouse or parent(s), to provide an IRS Tax Return Transcript (*some conditions do apply):

IRS Tax Return Transcript

Tax filers can request a transcript of their 2016 tax return from the IRS, free of charge, in one of three (3) ways:

- Online request - www.irs.gov
- Telephone request - 1-800-908-9946
- Paper request - IRS Form 4506T-EZ

*Some applicants who are selected for verification will not be able to participate in the IRS DRT and will need to submit an IRS Tax Return Transcript of 2016 tax year information for the applicant and/or their parents/spouse (as applicable) to their institution. The list includes the following:

1. When the applicant or parent did not use the IRS DRT - either at initial FAFSA filing or when making corrections.
2. When information included on the FAFSA using the IRS DRT was subsequently changed.
3. When a married independent applicant and spouse filed separate tax returns.
4. When the married parents of a dependent student filed separate tax returns.
5. When an applicant or applicant's parents had a change in marital status after the end of the tax year on 12/31/15.
6. When the applicant, or parents, or spouse, as applicable, filed an amended tax return.
7. When the applicant, or parents, or spouse, as applicable, did not file a U.S. 1040/A/EZ tax return (this includes U.S. territory tax returns and foreign country tax returns).

Non Tax Filers

Independent students and parents who are not required to file federal taxes and are selected for verification must turn in a letter of non-filer status from the IRS. The IRS form 4506-T is required in order to fulfill this request.

PITT-Greensburg SATISFACTORY ACADEMIC PROGRESS POLICY

The Office of Financial Aid is required by federal regulations to monitor student progress toward the completion of a degree. Below are the guidelines, which determine if a student is maintaining Satisfactory Academic Progress (SAP).

Student progress will be reviewed at the end of each spring term. Students will be notified in writing by the Office of Financial Aid if not meeting academic progress and given instructions on the appeal requirements and process. Those not making progress will be denied student aid. This includes:

- Federal Pell Grant
- Federal SEOG (Supplemental Educational Opportunity Grant)
- Federal Direct Student Loans
- Federal Direct Parent PLUS Loans
- Most University funds*

*Merit scholarship recipients, must meet housing and GPA requirements (CUM 3.0 at the end of the spring term) to receive the award.

If a student is academically dismissed or leaves to attend elsewhere (i.e., transfer to another institution) and then later return to Pitt-Greensburg, the student is no longer eligible to receive the original scholarship awarded.

Standards of Academic Progress for Financial Aid

- Full- and part-time students who have earned less than 30 credits must complete 67% of all attempted credits and must maintain a 1.5 Cumulative GPA.
- Full- and part-time students who have earned 30 credits or more must complete 67% of all attempted credits and must maintain at least a 2.0 cumulative GPA.

What to Do If Denied Aid Due To SAP

If denied aid, students have the option of paying for classes using their own funds until they reach satisfactory academic progress.

Or, if a student has experienced circumstances beyond their control, they may appeal the decision to the Financial Aid Appeal Committee using the Satisfactory Academic Progress Appeal Form available on our website.

Appeal must include:

- An explanation of why the student failed to make satisfactory academic progress

AND

- What has changed that will allow the student to make satisfactory academic progress at the next evaluation.

The completed appeal and the required documentation must be submitted to Academic Advising. The appeal form and the required documentation will then be forwarded to the Financial Aid Appeal Committee for review. The decision of the Appeal Committee is final and may not be appealed. Students will receive email notification of the committee's decision.

If an appeal is approved, the student is placed on "financial aid probation" or "academic plan" status and Title IV aid eligibility is reinstated for the next payment period or term (with possible requirements specified by the school).

If the student does not make satisfactory progress or meet requirements of the academic plan by the end of the next payment period or term, the student loses eligibility for Title IV aid again. The student must then complete at least six credits on their own before they can appeal again.

PHEAA (PA State Grant) Academic Progress

PHEAA has separate guidelines for checking academic progress. Students will be notified by PHEAA if they are not making progress for their state grant. All appeals for this grant are handled through PHEAA directly.

Generally speaking, full-time students, must complete 24 credits per academic year. Part-time students must complete 12 per academic year.

Tuition and Mandatory Fees

Undergraduate - Pennsylvania Resident Tuition Rates

School	Full-Time Per Academic Year	Full-Time Per Term	Part-Time Per Credit
Greensburg Campus (except Nursing)	\$13,660	\$6,830	\$569
Nursing	\$17,502	\$8,751	\$729

Undergraduate - Out-of-State Resident Tuition Rates

School	Full-Time Per Academic Year	Full-Time Per Term	Part-Time Per Credit
Greensburg Campus (except Nursing)	\$25,534	\$12,767	\$1,063
Nursing	\$32,562	\$16,281	\$1,356

Mandatory Fees

Undergraduate

Fee	Full-Time Per Academic Year	Full-Time Per Term	Part-Time Per Term
Student Activity Fee	\$170	\$85	\$22
Wellness Fee	\$80	\$40	----

Computing and Network Services Fee	\$350	\$175	\$100
Student Center Fee	\$160	\$80	\$32
Athletic Fee	\$210	\$105	\$22
TOTAL	\$970	\$485	\$176
Note: The mandatory fees exhibited are applicable to Fall Term 2022 and are subject to change in subsequent terms of Academic Year 2022-2023.			
Tuition and mandatory fees exhibited on the Tuition and Mandatory Fees website are subject to change without prior notice.			

Due Date Schedule

Notifications and Due Dates

Weekly Balance Due Notifications are sent by email and text to students and their Authorized Users from pittpay@pitt.edu when there is a balance due on the student account. To view and edit your email and mobile phone number settings for these notifications, login to PittPAY, select Actions, then Manage Notifications.

Please note, due dates provided here are for planning purposes. The due dates for future terms are estimates, and are subject to change. When balance due notifications begin for each new term, the official due date will be presented in PittPAY on the Account Summary and Account Activity tabs. The current due date is always provided on the Student Payment Center's homepage, as well.

Term	Periodic Balance Due Notifications Begin:	Balance is Due:
Summer 2022	April 20, 2022	May 18, 2022
	May 18, 2022	June 15, 2022
Fall 2022	July 20, 2022	September 14, 2022
Spring 2023	November 16, 2022	January 25, 2023

As soon as you make an online payment in PittPAY, your balance due will be updated to reflect the payment. You can view your payment receipt in Transaction History. Late fees, collection costs, and financial holds are placed on past due accounts.

If you prefer to make monthly payments, learn about the PittPAY Payment Plan. **There is a deadline to enroll in a payment plan each term** and you can take advantage of more monthly installments by enrolling in a plan early.

Behavioral Sciences

Major

American Studies, BA

The multidisciplinary American studies major is designed for students whose interests in American history, society, and culture cut across departmental and divisional lines.

Core Courses 5 courses (15 credits)

- HIST 0600 - UNITED STATES TO 1877
- HIST 0601 - UNITED STATES 1865-PRESENT
- PS 0200 - AMERICAN POLITICS
- ENGLIT 1215 - PRE-20THC AMERICAN LITERATURE

3 credits in 20th Century American Literature

Course to be determined based on future offerings.

Area Requirements 6 courses (18 credits)

At least two courses of the six area courses must be chosen from the Social Sciences cluster and two from the American Culture cluster. Representative Social Science and American Culture classes are listed below.

Social Sciences Cluster

- ANTH 0780 - INTRODUCTION TO CULTURAL ANTHROPOLOGY
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- HIST 1611 - AMERICAN REVOLUTION 1763-1791
- PS 0600 - POLITICAL THEORY
- PS 1202 - AMERICAN CONSTITUTIONAL LAW
- PS 1212 - AMERICAN PRESIDENCY
- SOC 0003 - TECHNOLOGY AND SOCIAL CHANGE
- SOC 0010 - INTRODUCTION TO SOCIOLOGY

American Culture Cluster

- SOC 0010 - INTRODUCTION TO SOCIOLOGY
- COMMRC 1105 - TELEVISION AND SOCIETY
- COMMRC 1146 - INTERCULTURAL COMMUNICATION
- HAA 0501 - AMERICAN ART
- MUSIC 0800 - HIST OF AMERICAN POPULAR MUSIC

Additional Requirements 1 course (3 credits)

After earning 90 credits, each American studies major should take ANTH 1955, HIST 1955, PS 1955, or ENGLIT 1950 to fulfill the capstone course requirement.

Total Credits: 36

Anthropology, BA

Anthropology is concerned with the biological and cultural development and functioning of humans worldwide, past and present. After the initial introduction to anthropology's four sub-fields of biological/physical anthropology, archaeology, anthropological linguistics, and sociocultural anthropology, the program of study focuses largely on the social and cultural aspects of humans in the contemporary world, and allows students, under advisement, to steer their own topical interests with set interdisciplinary options.

All students, especially those interested in graduate study, are urged to complete courses in a foreign language through the intermediate level.

Core Courses (12 credits, 4 courses)

- ANTH 0770 - INTRODUCTION TO ANTHROPOLOGY 1: BIOLOGICAL/PHYSICAL ANTHROPOLOGY AND ARCHAEOLOGY (SS)
- ANTH 0771 - INTRODUCTION TO ANTHROPOLOGY 2: LINGUISTIC ANTHROPOLOGY AND SOCIOCULTURAL ANTHROPOLOGY (SS, SS1)
- ANTH 1110 - ANTHROPOLOGICAL THEORY (Fall even yrs.; Anthro majors with 60+ credits; W3)
- ANTH 1955 - ANTHROPOLOGY CAPSTONE (Prerequisite Anth 1110)

Anthropology Electives (15 credits, 5 courses)

- ANTH 0455 - DIVERSITY IN THE US (SS2)
- ANTH 1220 - CLIMATE CHANGE AND THE HUMAN CHALLENGE (SS3, Environ. Studies, Global Studies, Ecology)
- ANTH 1310 - MIGRATION AND DIASPORAS (SS3, WP, Global Studies, Legal Studies)
- ANTH 1410 - REPRODUCTIVE POLITICS (SS, WP, Political Science, Gender Studies, Global Studies)
- ANTH 1481 - THE ANTHROPOLOGY OF DEATH (SS1, WP, Global Studies, Diversity)
- ANTH 1705 - SUPERNATURAL WORLDS: ANTHROPOLOGY OF RELIGION (SS, SS1, Global Studies, Diversity)
- ANTH 1760 - THE ANTHROPOLOGY OF LAW (SS, SS1, Legal Studies, Global Studies, History)
- ANTH 1762 - HUMAN ECOLOGY (SS, SS1, Environ. Studies, Natural Science)
- ANTH 1767 - ETHNIC IDENTITIES (SS, SS3, History, Political Science, Diversity, Global Studies)
- ANTH XXXX - WOMEN'S WORK (SS, SS1, History, Political Science, Gender Studies)

Interdisciplinary Electives (9 credits, 3 courses)

Students will do three from any of the following courses. They may choose to concentrate on a "related area" (if a minor is unavailable) or they may select courses across disciplines. They must choose 3 of the following:

- BIOSC 1017 - EPIDEMIOLOGY *
- BIOSC 1150 - HISTORY OF EVOLUTIONARY THOUGHT *
- BIOSC 1372 - ENVIRONMENTAL SCIENCE 1 *
- CJ 1130 - MINORITY ISSUES IN CRIMINAL JUSTICE
- COMMRC 1410 - FILM AND PROPAGANDA *
- GEOG 0101 - WORLD REGIONAL GEOGRAPHY
- HIST 1323 - AMERICA'S GREAT MIGRATION
- HIST 1470 - EURASIAN CURRENTS/ SILK ROADS OF THE COMMON ERA
- HIST 1525 - MEXICO, AZTECS TO THE PRESENT
- HIST 1583 - 20THC LATIN AMERICAN REVOLUTIONS
- HIST 1768 - CHRISTIANS MUSLIMS JEWS IN THE MIDDLE AGES: CONNECTION & CONFLICT
- PS 0300 - COMPARATIVE POLITICS
- PS 1503 - INTERNATIONAL ORGANIZATION

- SOC 0352 - SOCIAL MOVEMENTS
- SOCSOI 0200 - RESEARCH METHODS IN THE SOCIAL SCIENCES

* These courses have prerequisites; however, some students may have taken the prerequisites under Gen Ed requirements or for other reasons. These courses are particularly good for students who want to focus on Biological Anthropology or Environmental Anthropology. Or if they minor in Biology, which is encouraged.

Criminal Justice, BA

The Criminal Justice major couples a strong liberal arts education with professional classes in criminology, law enforcement, criminal law, and corrections.

Core Courses 7 courses (21 credits)

- CJ 0002 - CRIME, LAW, AND PUBLIC POLICY *
- CJ 0110 - CRIMINOLOGY
- CJ 0130 - CORRECTIONAL PHILOSOPHY: THEORY AND PRACTICES
- CJ 0210 - AMERICAN SYSTEM OF CRIMINAL JUSTICE
- CJ 1125 - HISTORY AND PHILOSOPHY OF LAW ENFORCEMENT
- SOCSOI 0200 - RESEARCH METHODS IN THE SOCIAL SCIENCES
- CJ 1250 - JUNIOR SEMINAR

Electives 4 courses (12 credits)

This is a partial list of available electives.

- CJ 0145 - DRUGS AND SOCIETY
 - CJ 1050 - COMPARATIVE CRIMINOLOGY
 - CJ 1110 - VIOLENT CRIME
 - CJ 1116 - ORGANIZED CRIME
 - CJ 1126 - RESTORATIVE JUSTICE
 - CJ 1130 - MINORITY ISSUES IN CRIMINAL JUSTICE
 - CJ 1135 - CRIMINAL INVESTIGATION
 - CJ 1138 - CRIMINAL JUSTICE ETHICS
 - CJ 1148 - DELINQUENCY AND JUVENILE JUSTICE
 - CJ 1220 - NARCOS AND JUSTICE: THE FAILED DRUG WARS IN LATIN AMERICA AND THE UNITED STATES
 - CJ 1230 - CRITICAL ISSUES IN CONTEMPORARY CORRECTIONS
 - CJ 1248 - WOMEN AND CRIME
 - CJ 1255 - SENTENCING AND MODERN REFORM
 - CJ 1260 - RAPE AND SEXUAL ASSAULT 101: A GLOBAL PERSPECTIVE
 - CJ 1518 - WHITE COLLAR CRIME
 - CJ 1520 - VICTIMOLOGY
 - CJ 1750 - SPECIAL TOPICS
- *prerequisite for all Criminal Justice classes

Additional Requirement 2 courses (6 credits)

After earning 60 credits, all Criminal Justice majors must take CJ 1198 - INTERNSHIP or CJ 1199 - RESEARCH PRACTICUM and CJ 1950 to fulfill the capstone course requirement.

Recommended General Education Courses

- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY
- PSY 1205 - ABNORMAL PSYCHOLOGY
- SOC 0010 - INTRODUCTION TO SOCIOLOGY
- STAT 0200 - BASIC APPLIED STATISTICS OR
- STAT 1000 - APPLIED STATISTICAL METHODS
- CS 0098 - DECISION MAKING WITH EXCEL

Total Credits: 39

Early Childhood Education, BS

Teacher candidates wishing to teach preschool and early elementary grades (through fourth grade) choose this education track.

Classes focus on:

- Pedagogy, assessment, and management of students;
- Subject matter content (including reading, writing, math, social studies, science and fine arts) for Pre K-4 students;
- Childhood development and familial interactions.

For detailed program information about the following programs:

Early Childhood Education

Early Childhood Education/Children's Literature

Early Childhood Education/Psychology Minor

Early Childhood Education/STEM Endorsement

Early Childhood Education/Gifted Endorsement

Click here to view Course Sequence Maps and DOCs for degrees in:

Core Course Requirements

- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY
- PSY 1001 - INTRO EDUCATIONAL PSYCHOLOGY
- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1161 - SOCIAL STUDIES IN THE PRIMARY YEARS

- IL 1210 - EMERGENT LITERACY
- IL 1215 - READING IN THE PRIMARY YEARS
- IL 1218 - ASSESSMENT IN EDUCATION
- IL 1220 - LANGUAGE ARTS IN THE PRIMARY YEARS
- IL 1222 - MATHEMATICS IN THE PRIMARY YEARS
- IL 1225 - PEDAGOGY LAB - LITERACY AND MATHEMATICS
- IL 1275 - INTEGRATING THE CREATIVE ARTS
- IL 1330 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - EARLY CHILDHOOD
- IL 1324 - ENGAGING YOUNG CHILDREN IN LEARNING
- IL 1410 - SCHOOL-FAMILY-COMMUNITY COLLABORATION
- IL 1422 - SCIENCE AND HEALTH IN THE PRIMARY YEARS
- IL 1700 - EARLY FIELD EXPERIENCE-ELEM
- IL 1810 - PRE STUDENT TEACHING - EARLY CHILDHOOD
- IL 1820 - STUDENT TEACHING - EARLY CHILDHOOD
- IL 1875 - STUDENT TEACHING SEMINAR - EARLY CHILDHOOD
- IL 0020 - DIRECTED TUTORING - Optional

Total Credits: 65

Healthcare Management, BS

The Healthcare Management major provides students with the knowledge and skills necessary to successfully plan, direct, and coordinate services in the Healthcare Management area. These graduates are also prepared for entry into a graduate program in a related area.

Core Management Courses 5 courses (15 Credits)

- MGMT 0022 - FINANCIAL ACCOUNTING
- MGMT 0023 - MANAGERIAL ACCOUNTING
- MGMT 1818 - MANAGEMENT SCIENCE
- MGMT 1832 - HUMAN RESOURCES MANAGEMENT
- INFSCI 0010 - INTRODUCTION TO INFORMATION, SYSTEMS AND SOCIETY

Management Area Courses 1 Course (3 credits)

Choose one course from the following:

- MGMT 1819 - INTRODUCTION TO MARKETING
- MGMT 1821 - INTRODUCTION TO FINANCE
- MGMT 1861 - MANAGEMENT POLICY & ADMINSTRTN
- MGMT 1843 / LEGLST 1843 - LAW OF BUSINESS ORGANIZATIONS

Healthcare Management Courses 5 courses (15 Credits)

- HCM 0100 - INTRODUCTION TO HEALTHCARE MANAGEMENT
- HCM 1100 - MANAGEMENT, DESIGN, AND OPTIMIZATION OF HEALTHCARE PROCESSES
- HCM 1110 - HEALTHCARE POLICY, LAW AND ETHICS
- HCM 1120 - MANAGED CARE
- HCM 1130 - FINANCIAL MANAGEMENT OF HEALTHCARE

Electives 4 Courses (12 Credits)

Take a minimum of 12 credits from the approved elective list. See advisor for details.

Additional Requirements 1 course (3 Credits)

After earning 90 credits and fulfilling each course within the core, all Healthcare Management majors must take HCM - Senior Project/Internship for Healthcare Management to fulfill the capstone course requirement.

Liberal Arts Courses

Healthcare Management majors must take the following courses used to satisfy the General Education requirements. *Some of the courses listed below may have prerequisites.

- CS 0098 - DECISION MAKING WITH EXCEL
- MATH 0120 - BUSINESS CALCULUS *
- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- PHIL 1380 - BUSINESS ETHICS
- PSY 0680 - INTRODUCTION TO INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY *
- STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT
- ENGCM 0031 - BUSINESS WRITING *

Total Credits: 54

History, BA

The History major is concerned with the broad range of experiences, events, and decisions which have taken place in the past and which have shaped our current world. Our program concentrates on the history of the United States, Europe, and Latin America and their interactions with the remainder of the world. It is also concerned with imparting an introductory knowledge of the basic tools of history.

Core Courses 3 courses (9 credits)

Complete one survey course in each of the following areas:

- HIST 0500 - COLONIAL LATIN AMERICA OR
- HIST 0501 - MODERN LATIN AMERICA
- HIST 0600 - UNITED STATES TO 1877 OR
- HIST 0601 - UNITED STATES 1865-PRESENT
- HIST 0710 - WORLD HISTORY TO 1500 or
- HIST 0711 - WORLD HISTORY 1500 TO THE PRESENT

Electives 7 courses (21 credits)

Choose seven History courses. Of the seven courses, five courses **must** be upper-level History courses. The remaining two courses may be either upper-level courses, cross-listed courses, approved Classic courses, or survey courses. Students may also take up to 3 credits of an internship to replace one upper level course.

A partial list of elective classes is provided below. See the course descriptions in the current schedule of classes for additional choices.

- HIST 0180 - 19TH CENTURY EUROPE
- HIST 0575 - HISTORY OF MODERN CENTRAL AMERICA
- HIST 1005 - SPECIAL TOPICS
- HIST 1075 - SLAVERY IN THE ATLANTIC WORLD
- HIST 1090 - HISTORY OF MEDICINE AND HEALTH CARE
- HIST 1140 - HISTORY AND CULTURE OF SPAIN
- HIST 1197 - BLACK DEATH: PLAGUE AND HISTORY
- HIST 1367 - 20TH CENTURY EUROPE
- HIST 1522 - BRAZIL
- HIST 1525 - MEXICO, AZTECS TO THE PRESENT
- HIST 1560 - WOMEN IN LATIN AMERICAN HISTORY
- HIST 1583 - 20THC LATIN AMERICAN REVOLUTIONS
- HIST 1610 - UNITED STATES COLONIAL
- HIST 1611 - AMERICAN REVOLUTION 1763-1791
- HIST 1615 - THE UNITED STATES DURING THE GILDED AGE & PROGRESSIVE ERA (1875-1920)
- HIST 1616 - ANTEBELLUM AMERICA: FROM THE 1790S TO THE WAR WITH MEXICO
- HIST 1645 - AMERICAN ECONOMIC HISTORY
- HIST 1768 - CHRISTIANS MUSLIMS JEWS IN THE MIDDLE AGES: CONNECTION & CONFLICT
- HIST 1775 - ORIGINS OF CHRISTIANITY
- HIST 1900 - HISTORY INTERNSHIP
- CLASS 0010 - GREEK CIVILIZATION
- CLASS 0020 - ROMAN CIVILIZATION

Additional Requirements 2 courses (6 credits)

Histroy majors should enroll in HIST 1010 - HISTORICAL INQUIRY AND METHODS and HIST 1955 - HISTORY CAPSTONE in the latter part of the undergraduate experience.

Total Credits: 36

Management Information Systems, BS

Management-Information Systems (MIS) is the application of information technology to organizational and managerial needs. The MIS program provides training in both business and information systems to prepare students to use their knowledge of systems and technology to solve business problems

Core Management Courses, 4 courses (12 credits)

- MGMT 0022 - FINANCIAL ACCOUNTING
- MGMT 0023 - MANAGERIAL ACCOUNTING
- MGMT 1818 - MANAGEMENT SCIENCE
- INFSCI 0010 - INTRODUCTION TO INFORMATION, SYSTEMS AND SOCIETY

Area Courses, 2 courses (6 credits)

Select two from the following list of four area courses:

- MGMT 1819 - INTRODUCTION TO MARKETING

- MGMT 1820 - OPERATIONS MANAGEMENT
- MGMT 1821 - INTRODUCTION TO FINANCE
- MGMT 1832 - HUMAN RESOURCES MANAGEMENT

Information Systems Courses, 5 courses (15 credits)

- CS 0421 - PROGRAMMING USING JAVA or another approved programming course
- INFSCI 1022 - DATABASE MANAGEMENT SYSTEMS
- INFSCI 1024 - ANALYSIS OF INFORMATION SYSTEMS
- INFSCI 1037 - INFORMATION TECHNOLOGY PROJECT MANAGEMENT
- INFSCI 1070 - INTRODUCTION TO TELECOMMUNICATIONS AND NETWORKS

Electives, 4 courses (12 credits)

Take an additional four Information Science courses.

Additional Requirements, 1 course (3 credits)

After earning 90 credits, Management-Information Systems majors must take INFSCI 1038 - Senior Project to fulfill the capstone course requirement.

Total Credits: 48

Liberal Arts Courses

Management majors must take the following courses used to satisfy the General Education requirements. *Some of these courses may have prerequisites.

- CS 0098 - DECISION MAKING WITH EXCEL
- MATH 0120 - BUSINESS CALCULUS *
- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- PHIL 1380 - BUSINESS ETHICS
- PSY 0680 - INTRODUCTION TO INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY *
- STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT
- ENGCOMP 0031 - BUSINESS WRITING *

Management, BS

The Management major is a modern business program emphasizing the management of individuals and groups within the business organization and the quantitative and analytical methods required in decision making.

Core Management Courses 7 courses (21 credits)

- MGMT 0021 - THE MANAGEMENT PROCESS
- MGMT 0022 - FINANCIAL ACCOUNTING
- MGMT 0023 - MANAGERIAL ACCOUNTING
- MGMT 1818 - MANAGEMENT SCIENCE
- MGMT 1819 - INTRODUCTION TO MARKETING

- MGMT 1820 - OPERATIONS MANAGEMENT
- INFSCI 0010 - INTRODUCTION TO INFORMATION, SYSTEMS AND SOCIETY

Finance Concentration 4 courses (12 credits)

The Finance ARCO provides students with a well-rounded education in the role that finance has in a firm, its industry, and the economy. They learn how capital markets operate and focus on empirical knowledge that are useful for investment decisions. With courses such as Personal Financial Planning, Investments, Financial Institutions & Markets, and Business Economics, the concepts learned will be well-suited for whichever path they choose in their Management career.

- MGMT 1885 - FINANCIAL INSTITUTIONS & MKTS
- MGMT 1830 - INVESTMENTS
- MGMT 1125 - BUSINESS ECONOMICS
- MGMT 0026 - PERSONAL FINANCIAL PLANNING

Management Courses 4 courses (12 credits)

- MGMT 1125 - BUSINESS ECONOMICS
- MGMT 1821 - INTRODUCTION TO FINANCE
- MGMT 1832 - HUMAN RESOURCES MANAGEMENT
- MGMT 1843 - LAW OF BUSINESS ORGANIZATIONS

Marketing Concentration 4 courses (12 credits)

The Marketing ARCO in the Management Major provides students with a well-rounded education in the role that marketing has in a firm, its industry and the economy. With courses such as Introduction to Marketing, Digital Marketing and Commerce, Marketing Research, and Advertising and Promotion, students learn how to apply the concepts needed to develop a rationale from a marketing perspective that guides an organization's decisions and the activities of a firm. These concepts learned are well-suited for whichever path they choose in their Management career.

- MGMT 1819 - INTRODUCTION TO MARKETING
- MGMT 1827 - DIGITAL MARKETING AND COMMERCE
- MGMT 1869 - MARKETING RESEARCH
- COMMRC 1310 - ADVERTISING STRATEGY AND PRACTICES

Supply Chain and Project Management Concentration 4 courses (12 credits)

The Supply Chain and Project Management concentration of the Management major provides students with a well rounded education in the role of a project manager or supply chain manager. Graduates will gain skills in the Project management, Supply Chain management and the Total Quality Management for project management and supply chain management. Project management is an emerging field that provides a valuable skillset for numerous different industries and supply-chain management, which involves organizing the acquisition, production and distribution of goods, is in demand as e-commerce continues to grow. Both project management and supply chain management are projected to be rapidly growing fields.

- MGMT 1855 - SUPPLY CHAIN MANAGMENT
- MGMT 1857 - PROJECT MANAGEMENT
- MGMT 1845 - INTERNATIONAL BUS ENTERPRISES
- MGMT - TOTAL QUALITY MANAGEMENT

Electives 4 courses (12 credits)

Take an additional four courses in Management, Accounting, or Healthcare Management, or another course from the approved elective list. See an Advisor for details.

Additional Requirement 1 course (3 credits)

After earning 90 credits, and fulfilling each course within the core, all Management majors must take **MGMT 1955, Strategic Management**, to fulfill the capstone course requirement.

Total Credits: 48

Liberal Arts Courses

Management majors must take the following courses used to satisfy the General Education requirements. *Some of the courses listed below may have prerequisites.

- CS 0098 - DECISION MAKING WITH EXCEL
- MATH 0120 - BUSINESS CALCULUS *
- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- PHIL 1380 - BUSINESS ETHICS
- PSY 0680 - INTRODUCTION TO INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY *
- STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT
- ENGCMP 0031 - BUSINESS WRITING *

Management-Accounting, BS

The management-accounting major provides a firm foundation in management as well as extensive training in accounting. **Accounting students are well-prepared and eligible to sit for the Certified Public Accounting exam immediately following graduation.** Students are encouraged to schedule full terms throughout their college career enabling them to graduate with 130-144 credit hours, graduating in a position to easily obtain the 150 credit hours required for certification after passing the CPA exam.

Core Management Courses, 4 courses (12 credits)

- MGMT 0022 - FINANCIAL ACCOUNTING
- MGMT 0023 - MANAGERIAL ACCOUNTING
- MGMT 1818 - MANAGEMENT SCIENCE
- INFSCI 0010 - INTRODUCTION TO INFORMATION, SYSTEMS AND SOCIETY

Area Courses, 2 courses (6 credits)

- MGMT 1821 - INTRODUCTION TO FINANCE (required)

and

Choose one additional area course from the following list:

- MGMT 1819 - INTRODUCTION TO MARKETING
- MGMT 1820 - OPERATIONS MANAGEMENT
- MGMT 1832 - HUMAN RESOURCES MANAGEMENT

Advanced Accounting Courses, 6 courses (18 credits)

- MGMT 1138 - CORPORATE FINANCIAL ACCOUNTING
- MGMT 1140 - ACCOUNTING INFORMATION SYSTEMS AND FINANCIAL STATEMENT ANALYSIS
- MGMT 1835 - INTERMEDIATE ACCOUNTING 1
- MGMT 1836 - INTERMEDIATE ACCOUNTING 2
- MGMT 1837 - ADVANCED ACCOUNTING
- MGMT 1838 - STANDRD COSTS, BUDGETS AND PROFIT PLANNING

Accounting Electives, 2 courses (6 credits)

Select two from the following list of Accounting and Management courses:

- MGMT 1839 - FEDERAL INCOME TAX ACCOUNTNG 1
- MGMT 1840 - FEDERAL INCOME TAX ACCOUNTNG 2
- MGMT 1841 - AUDITING
- MGMT 1898 - INTERNSHIP

Electives, 3 courses (9 credits)

Take an additional three courses in Management, Accounting, or Healthcare Management, or another course from the approved elective list. See an Advisor for details.

Additional Requirements, 1 course (3 credits)

After completing all of the core management classes and earning 90 credits, including the completion of MGMT 1140 and MGMT 1836, all Management-Accounting majors must take MGMT 1951 Senior Project for Management-Accounting to fulfill the capstone course requirement.

Total Credits: 54

Liberal Arts Courses

Management majors must take the following courses used to satisfy the General Education requirements. *Some of these courses may have prerequisites.

- CS 0098 - DECSION MAKING WITH EXCEL
- MATH 0120 - BUSINESS CALCULUS *
- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- PHIL 1380 - BUSINESS ETHICS
- PSY 0680 - INTRODUCTION TO INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY *
- STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT
- ENGCMP 0031 - BUSINESS WRITING *

Political Science, BA

The Political Science major encourages students to analyze the theories, institutions, and processes of political systems; develops a continuing and responsible interest in political activity and public affairs; and provides a basis for citizenship through a fundamental understanding of the nature of political systems.

Core Courses 4 courses (12 credits)

- PS 0200 - AMERICAN POLITICS
- PS 0300 - COMPARATIVE POLITICS
- PS 0500 - INTERNATIONAL RELATIONS
- PS 0600 - POLITICAL THEORY

Electives 6 courses (18 credits)

Choose a total of six courses from at least two of the following groups:

Group I American Politics

- PS 1202 - AMERICAN CONSTITUTIONAL LAW
- PS 1210 - RELIGION AND POLITICS
- PS 1211 - LEGISLATIVE PROCESS
- PS 1212 - AMERICAN PRESIDENCY
- PS 1234 - ELECTORAL BEHAVIORS AND DEMOCRATIC PROCESS
- PS 1252 - STATE GOVERNMENT
- PS 1261 - AMERICAN PUBLIC POLICY

Group II Comparative Government

- PS 1314 - GERMAN GOVERNMENT AND POLITICS
- PS 1318 - EUROPEAN GOVERNMENT AND POLITICS
- PS 1321 - LATIN AMERICAN POLITICS
- PS 1369 - GOVERNMENT AND POLITICS OF IRELAND AND NORTHERN IRELAND

Group III International Relations

- PS 1503 - INTERNATIONAL ORGANIZATION
- PS 1511 - AMERICAN FOREIGN POLICY
- PS 1541 - POLITICS GLOBAL ECONOMIC RELATIONS

Group IV Political Theory

- PS 1603 - MODERN AND CONTEMPORARY POLITICAL THOUGHT
- PS 1607 - AMERICAN POLITICAL THOUGHT
- PS 1611 - LIBERALISM AND DEMOCRACY
- PS 1836 - POLITICS THROUGH FILM

Additional Requirements 2 courses (6 credits)

- PS 1954 - POLITICAL SCIENCE RESEARCH METHODS & WRITING
- PS 1955 - POLITICAL SCIENCE CAPSTONE

Total Credits: 36

Psychology, BS

Psychology is the scientific study of human behavior and deals with learning and motivation, perception, development and adjustment of human personality, social relations, and methods of research used in analyzing human behavior. Practicum and research experiences are available to qualified students

Required Courses (13 credits)

- PSY 0010 - INTRODUCTION TO PSYCHOLOGY
- STAT 0200 - BASIC APPLIED STATISTICS
- PSY 0034 - RESEARCH METHODS
- PSY 1925 - SENIOR THESIS

Core Courses 3 courses (9 credits)

Take three of the following courses:

- PSY 0105 - INTRODUCTION TO SOCIAL PSYCHOLOGY
- PSY 0160 - PSYCHOLOGY OF PERSONALITY
- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY OR
- PSY 0311 - LIFESPAN DEVELOPMENT
- PSY 0410 - HUMAN COGNITION
- PSY 0205 - PSYCHOPATHOLOGY OR
- PSY 1205 - ABNORMAL PSYCHOLOGY

Writing Courses (6-8 Credits)

Take two of the following writing-intensive courses. Course must be designated as writing-intensive in the semester in which it was taken.

- PSY 0330 - EXPERIMENTAL CHILD
- PSY 0402 - EXPERIMENTAL LEARNING
- PSY 1114 - LEGAL PSYCHOLOGY
- PSY 1252 - INDIVIDUAL COUNSELING AND THERAPY
- PSY 1720 - PSYCHOLOGICAL STUDY OF TRAUMA

Electives 3 courses (9 credits)

*Three additional Psychology courses. *PSY 0004 - Psychology Career Planning Seminar is highly recommended for Psychology majors with 30 or more credits. Only two of the following courses may be applied toward the Psychology Major: PSY 1910, PSY 1912, PSY 1913, PSY 1920, PSY 1972, PSY 1976.*

Total Credits: 37-39

Public Policy, BS

The Public Policy major provides students with the knowledge, skills, and experiences that will not only prepare them for work in many employment fields, but for other post graduate education and self-employment opportunities. Students will become informed citizens, ready to participate and serve while we face serious problems, challenges, and choices as a society.

Core Courses - 5 courses (15 credits)

- SOCSCI 0105 - INTRODUCTION TO PUBLIC POLICY (Spring term)

- SOCSCI 0200 - RESEARCH METHODS IN THE SOCIAL SCIENCES (Every term)
OR
- SOCSCI 1104 - QUALITATIVE RESEARCH METHODS
OR
- SOCSCI 1040 - PROGRAM EVALUATION
- PS 1261 - AMERICAN PUBLIC POLICY (Spring term)
OR
- PS 1265 - ADMINISTRATION OF PUBLIC AFFAIRS (tbd)
- COMMRC 1111 - THEORIES OF PERSUASION (Fall term)
OR
- COMMRC 1153 - RHETORIC AND PUBLIC POLICY (Spring term)

Electives - 5 courses (15 credits)

Students choose 5 courses (15 credits). Students are to work with a faculty advisor to create a course of study. *Partial list*

- COMMRC 0500 - ARGUMENT
- COMMRC 1127 - IMAGE RESTORATION IN THE MEDIA
- COMMRC 1129 - ENVIRONMENTAL RHETORIC
- COMMRC 1146 - INTERCULTURAL COMMUNICATION
- COMMRC 1153 - RHETORIC AND PUBLIC POLICY
- COMMRC 1220 - PUBLIC RELATIONS STRATEGY AND PRACTICES
- COMMRC 1410 - FILM AND PROPAGANDA
- CJ 0002 - CRIME, LAW, AND PUBLIC POLICY (cross-listed with SOC 0020)
- CJ 0210 - AMERICAN SYSTEM OF CRIMINAL JUSTICE
- ECON 0835 - GOVERNMENT AND THE ECONOMY
- ECON 134 - PUBLIC ECONOMICS
- MGMT 1125 - BUSINESS ECONOMICS
- MGMT 1851 - LABOR-MANAGEMENT RELATIONS
- MGMT 1861 - MANAGEMENT POLICY & ADMINSTRTN
- PS 1211 - LEGISLATIVE PROCESS
- PS 1241 - PUBLIC ADMINISTRATION AND POLITICAL SYSTEM
- PS 1252 - STATE GOVERNMENT
- PS 1541 - POLITICS GLOBAL ECONOMIC RELATIONS
- SOC 0007 - SOCIAL PROBLEMS
- SOC 0145 - DRUGS AND SOCIETY
- SOC 0335 - SOCIOLOGY OF POLITICS (cross-listed with PS 0335)
- SOC 0433 - SOCIAL INEQUALITY
- SOC 0477 - MEDICAL SOCIOLOGY
- SOC 0600 - RACE AND ETHNIC RELATIONS
- SOC 1305 - ORGANIZATIONAL BEHAVIOR
- STAT 1221 - APPLIED REGRESSION

Additional Requirements 3 courses (9 credits)

Internship and Practicum Credits with Public Policy Capstone Course (3 cr.)

- SOCSCI 1900 - INTERNSHIP (3 credits)
- SOCSCI 1955 - SOCIAL SCIENCES CAPSTONE (3 credits)
- PRACTICUM (3 credits)

General Education Courses 7 courses (22 Credits)

- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- PS 0200 - AMERICAN POLITICS OR
- SOC 0009 - AMERICAN SOCIETY
- STAT 0200 - BASIC APPLIED STATISTICS OR
- STAT 1000 - APPLIED STATISTICAL METHODS OR
- STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT
- PHIL 0300 - INTRODUCTION TO ETHICS OR
- PHIL 1380 - BUSINESS ETHICS
- COMMRC 0320 - MASS COMMUNICATION AND SOCIETY
- SOC 0010 - INTRODUCTION TO SOCIOLOGY

Total Credits: 39

Secondary Education, BS

Teacher candidates wishing to teach middle school and high school choose this education track. Secondary candidates can opt to earn a dual major by completing additional classes in their content area during additional semesters.

Classes focus on:

- Pedagogy, assessment, and management of students;
- Teaching diverse students;
- In-depth content knowledge in a chosen discipline.

Teacher candidates can choose from the following program content areas: Biology, Chemistry, English (Literature or Writing focus), Mathematics, or Social Studies (History or Political Science focus). Teacher candidates choosing to stay for one extra semester (or two in the case of Biology) can earn a dual major in both Secondary Education and in their discipline areas (e.g., Secondary Education in Mathematics AND in Applied Mathematics).

Secondary Education - Concentrations

Secondary Education - Biology

Secondary Education/Biology Focus

- Biology specialty - 8 semester sequence map
- Distribution of Credits
- Biology specialty & Biology Major - 9 semester sequence map
- Distribution of Credits

Core Course Requirements

- BIOSC 0170 - FOUNDATION OF BIOLOGY 1
- BIOSC 0070 - BIOLOGY LABORATORY 1
- BIOSC 0180 - FOUNDATIONS OF BIOLOGY 2
- BIOSC 0080 - BIOLOGY LABORATORY 2
- BIOSC 0350 - GENETICS
- BIOSC 1385 - ECOLOGY AND ENVIRONMENT
- BIOSC 1110 - HUMAN ANATOMY AND PHYSIOLOGY 1
- BIOSC 1111 - HUMAN ANATOMY AND PHYSIOLOGY LAB 1
- BIOSC 1115 - HUMAN ANATOMY AND PHYSIOLOGY 2
- BIOSC 1116 - ANATOMY AND PHYSIOLOGY LAB 2
- BIOSC 1500 - CELL BIOLOGY
- BIOSC 1510 - CELL BIOLOGY LABORATORY
- NATSC 0075 - EARTH AND SPACE SCIENCE

Biology Education Courses

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1702 - EARLY FLD EXPERIENCE-SECONDARY
- IL 1440 - TEACHING SCIENCE IN SECONDARY SCHOOLS
- IL 1441 - PEDAGOGY LAB - SCIENCE
- IL 1442 - TEACHING LAB SCIENCE
- IL 1811 - PRE STUDENT TEACHING - SECONDARY
- IL 1876 - STUDENT TEACHING SEMINAR - SECONDARY
- IL 1821 - STUDENT TEACHING - SECONDARY
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS
- IL 0020 - DIRECTED TUTORING (*Optional*)

Secondary Education - Chemistry

Secondary Education/Chemistry Focus

- Chemistry specialty - 8 semester sequence map
- Distribution of Credits
- Chemistry specialty & Chemistry Major - 9 semester sequence map
- Distribution of Credits

Core Course Requirements

- CHEM 0110 - GENERAL CHEMISTRY 1
- CHEM 0120 - GENERAL CHEMISTRY 2
- CHEM 0310 - ORGANIC CHEMISTRY 1
- CHEM 0330 - ORGANIC CHEMISTRY LABORATORY 1
- CHEM 0320 - ORGANIC CHEMISTRY 2
- CHEM 0340 - ORGANIC CHEMISTRY LABORATORY 2
- CHEM 0250 - INTRODUCTION TO ANALYTICAL CHEMISTRY

- CHEM 0260 - INTRODUCTION TO ANALYTICAL CHEMISTRY LAB
- CHEM 1410 - PHYSICAL CHEMISTRY 1 * offered every other year. Take when available
- CHEM 1035 - INTRODUCTION TO ENVIRONMENTAL CHEMISTRY * offered every other year. Take when available
- PHYS 0212 - INTRODUCTION TO LABORATORY PHYSICS
- NATSC 0040 - BIG IDEAS IN SCIENCE

Chemistry Education Courses

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1702 - EARLY FLD EXPERIENCE-SECONDARY
- IL 1442 - TEACHING LAB SCIENCE
- IL 1440 - TEACHING SCIENCE IN SECONDARY SCHOOLS
- IL 1441 - PEDAGOGY LAB - SCIENCE
- IL 1811 - PRE STUDENT TEACHING - SECONDARY
- IL 1876 - STUDENT TEACHING SEMINAR - SECONDARY
- IL 1821 - STUDENT TEACHING - SECONDARY
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS
- IL 0020 - DIRECTED TUTORING (*Optional*)

Secondary Education - English

Students desiring to teach English will choose either an English Literature or English Writing focus.

English Literature

Secondary Education/English Literature Focus

- English Lit specialty - 8 semester sequence map
- Distribution of Credits
- English Lit specialty & English Lit Major - 9 semester sequence map
- Distribution of Credits

Core Course Requirements

Take four of the following five courses:

- ENGLIT 1012 - 18TH-CENTURY BRITISH LITERATURE
 - ENGLIT 1100 - MEDIEVAL IMAGINATION
 - ENGLIT 1125 - MASTERPIECES OF RENAISSANCE LITERATURE
 - ENGLIT 1175 - 19TH CENTURY BRITISH LITERATURE
 - ENGLIT 1325 - MODERNISM
- Take both of the following:
- ENGLIT 1552 - HISTORY OF THE ENGLISH LANGUAGE
 - ENGLIT 0580 - INTRODUCTION TO SHAKESPEARE

Additional Required Courses

Take two of the following five:

- ENGWR 0520 - INTRODUCTION TO FICTION WRITING
- ENGWR 0530 - INTRODUCTION TO POETRY WRITING
- ENGWR 0550 - FUNDAMENTALS OF NEWS REPORTING
- ENGWR 0410 - INTRODUCTION TO CREATIVE WRITING
Choose one of the following:
- ENGWR 0411 - INTRODUCTION TO CREATIVE NONFICTION
- ENGWR - Elective (choose one)

English Literature Education Courses

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1702 - EARLY FLD EXPERIENCE-SECONDARY
- IL 1235 - TEACHING ENGLISH IN SECONDARY SCHOOLS
- IL 1236 - PEDAGOGY LAB - ENGLISH
- IL 1811 - PRE STUDENT TEACHING - SECONDARY
- IL 1876 - STUDENT TEACHING SEMINAR - SECONDARY
- IL 1821 - STUDENT TEACHING - SECONDARY
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS

English Writing

Secondary Education/English Writing Focus

- English Writing specialty - 8 semester sequence map
- Distribution of Credits
- English Writing specialty & English Writing Major - 9 semester sequence map
- Distribution of Credits

Core Course Requirements

(Take 2 of the following 5)

Take two of the following five:

- ENGWR 0520 - INTRODUCTION TO FICTION WRITING
- ENGWR 0530 - INTRODUCTION TO POETRY WRITING
- ENGWR 0550 - FUNDAMENTALS OF NEWS REPORTING
- ENGWR 0410 - INTRODUCTION TO CREATIVE WRITING
- ENGWR 0411 - INTRODUCTION TO CREATIVE NONFICTION
- 3 ENGWR - Electives
Take three ENGWR electives (9 credits)

Additional Required Courses

(Take 3 of the following 5)

- ENGLIT 1012 - 18TH-CENTURY BRITISH LITERATURE
- ENGLIT 1100 - MEDIEVAL IMAGINATION
- ENGLIT 1125 - MASTERPIECES OF RENAISSANCE LITERATURE

- ENGLIT 1175 - 19TH CENTURY BRITISH LITERATURE
- ENGLIT 1325 - MODERNISM
Take both of the following courses:
- ENGLIT 1552 - HISTORY OF THE ENGLISH LANGUAGE
- ENGLIT 0580 - INTRODUCTION TO SHAKESPEARE

English Writing Education Courses

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1702 - EARLY FLD EXPERIENCE-SECONDARY
- IL 1235 - TEACHING ENGLISH IN SECONDARY SCHOOLS
- IL 1236 - PEDAGOGY LAB - ENGLISH
- IL 1811 - PRE STUDENT TEACHING - SECONDARY
- IL 1876 - STUDENT TEACHING SEMINAR - SECONDARY
- IL 1821 - STUDENT TEACHING - SECONDARY
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS
- IL 0020 - DIRECTED TUTORING (*Optional*)

Secondary Education - Mathematics

Secondary Education/Mathematics Focus

- Mathematics specialty - 8 semester sequence map
- Distribution of Credits
- Mathematics specialty & App. Mathematics Major - 9 semester sequence map
- Distribution of Credits

Core Course Requirements

- MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1
- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2
- MATH 0240 - ANALYTIC GEOMETRY AND CALCULUS 3
- MATH 0413 - INTRO THEORETICAL MATHEMATICS
- MATH 0420 - INTRO THEORY 1-VARIABLE CALCULUS
- MATH 0430 - INTRO ABSTRACT ALGEBRAIC SYSTEMS (*Not offered every year, take when offered*)
- MATH 1180 - LINEAR ALGEBRA 1 (*Not offered every year, take when offered*)
- MATH 1230 - THE BIG IDEAS OF MATHEMATICS (*Not offered every year, take when offered*)
- MATH 1270 - ORDINARY DIFFERENTIAL EQUATIONS 1 (*Not offered every year, take when offered*)
- MATH 1020 - APPLIED ELEMENTARY NUMBER THEORY (*Not offered every year, take when offered*)
OR
- MATH 1290 - TOPICS IN GEOMETRY (*Not offered every year, take when offered*)

Math Education Courses

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2

- IL 1702 - EARLY FLD EXPERIENCE-SECONDARY
- IL 1470 - TEACHING MATHEMATICS IN SECONDARY SCHOOLS
- IL 1471 - PEDAGOGY LAB - MATHEMATICS
- IL 1811 - PRE STUDENT TEACHING - SECONDARY
- IL 1876 - STUDENT TEACHING SEMINAR - SECONDARY
- IL 1821 - STUDENT TEACHING - SECONDARY
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS
- IL 0020 - DIRECTED TUTORING (*Optional*)

Secondary Education - Social Studies

Students desiring to teach Social Studies will choose either a History or Political Science focus.

History

Secondary Education/History Focus

- History specialty - 8 semester sequence map
- Distribution of Credits
- History specialty & History Major - 9 semester sequence map
- Distribution of Credits

Core Course Requirements

- HIST 0600 - UNITED STATES TO 1877
- HIST 0601 - UNITED STATES 1865-PRESENT
- HIST 0500 - COLONIAL LATIN AMERICA
OR
- HIST 0501 - MODERN LATIN AMERICA
- HIST 0710 - WORLD HISTORY TO 1500
- HIST 0711 - WORLD HISTORY 1500 TO THE PRESENT
- HIST 1010 - HISTORICAL INQUIRY AND METHODS
- HIST Elective - (Minority or non-western)
- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY
OR
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY
OR
- PSY 0311 - LIFESPAN DEVELOPMENT
- PSY 1001 - INTRO EDUCATIONAL PSYCHOLOGY
- ANTH 0780 - INTRODUCTION TO CULTURAL ANTHROPOLOGY

Additional Required Courses

- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY *or*
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY *OR*
- PSY 0311 - LIFESPAN DEVELOPMENT
- PSY 1001 - INTRO EDUCATIONAL PSYCHOLOGY

- ANTH 0770 - INTRODUCTION TO ANTHROPOLOGY 1: BIOLOGICAL/PHYSICAL ANTHROPOLOGY AND ARCHAEOLOGY

Social Studies (History) Education Courses

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY
- IL 1702 - EARLY FLD EXPERIENCE-SECONDARY
- IL 1280 - TEACHING SOCIAL STUDIES IN SECONDARY SCHOOLS
- IL 1281 - PEDAGOGY LAB - SOCIAL STUDIES
- IL 1811 - PRE STUDENT TEACHING - SECONDARY
- IL 1876 - STUDENT TEACHING SEMINAR - SECONDARY
- IL 1821 - STUDENT TEACHING - SECONDARY
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS
- IL 0020 - DIRECTED TUTORING (*Optional*)

Political Science

Secondary Education/Political Science Focus

- Political Science specialty - 8 semester sequence map
- Distribution of Credits
- Political Science specialty & Political Science Major - 9 semester sequence map
- Distribution of Credits

Core Course Requirements

- PS 0200 - AMERICAN POLITICS
- PS 1202 - AMERICAN CONSTITUTIONAL LAW
- PS - Elective

Take 2 of the following 3

- PS 0300 - COMPARATIVE POLITICS
- PS 0500 - INTERNATIONAL RELATIONS
- PS 0600 - POLITICAL THEORY

Additional Required Courses

- HIST 0601 - UNITED STATES 1865-PRESENT
- HIST 0711 - WORLD HISTORY 1500 TO THE PRESENT or HIST 0712
- HIST 0500 - COLONIAL LATIN AMERICA or HIST 0501 - MODERN LATIN AMERICA
- HIST 1010 - HISTORICAL INQUIRY AND METHODS
- PSY 1001 - INTRO EDUCATIONAL PSYCHOLOGY
- ANTH 0771 - INTRODUCTION TO ANTHROPOLOGY 2: LINGUISTIC ANTHROPOLOGY AND SOCIOCULTURAL ANTHROPOLOGY

Social Studies (Political Science) Education Courses

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1702 - EARLY FLD EXPERIENCE-SECONDARY
- IL 1280 - TEACHING SOCIAL STUDIES IN SECONDARY SCHOOLS
- IL 1281 - PEDAGOGY LAB - SOCIAL STUDIES
- IL 1811 - PRE STUDENT TEACHING - SECONDARY
- IL 1876 - STUDENT TEACHING SEMINAR - SECONDARY
- IL 1821 - STUDENT TEACHING - SECONDARY
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS

Social Sciences Area, BA

The Social Sciences area option allows students to meet their individual education needs by developing a major based on courses from several programs within the Social Science programs of the Behavioral Sciences Division which include History, Political Science, Economics, Sociology, Criminal Justice, Public Policy, and Psychology.

Core Requirements 12 courses (36 credits)

To satisfy the requirements for a Social Sciences area major, students select one program in which they take five to six courses (15-18 credits) and two other programs in which they take three to four courses (9-12 credits) each for a minimum total of 36 credits. An example program of studies for a student who chose History as the major program and Political Science and Economics as the minor programs is shown below.

History

- HIST 0500 - COLONIAL LATIN AMERICA
- HIST 0600 - UNITED STATES TO 1877
- HIST 0601 - UNITED STATES 1865-PRESENT
- HIST 0710 - WORLD HISTORY TO 1500
- HIST 1010 - HISTORICAL INQUIRY AND METHODS
- HIST 1367 - 20TH CENTURY EUROPE

Political Science

- PS 0200 - AMERICAN POLITICS
- PS 1202 - AMERICAN CONSTITUTIONAL LAW
- PS 1261 - AMERICAN PUBLIC POLICY
- PS 1511 - AMERICAN FOREIGN POLICY

Economics

- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY
- ECON 0130 - THE GLOBAL ECONOMY

Additional Requirements 1 course (3 credits)

After earning 90 credits, all Social Sciences area majors must take the capstone course offered by the major area of concentration to fulfill the capstone course requirement.

Total Credits: 39

Spanish Education, BS

Teacher candidates wishing to teach Spanish at any K-12 level choose this education track. Spanish Education candidates can opt to earn a dual major by completing additional classes within the Spanish major during additional semesters. Students gain experience with students in elementary, middle, and high school. Study abroad to gain language fluency and cultural immersion is strongly encouraged.

Classes focus on:

- Pedagogy, assessment, and management of students;
- Teaching diverse students;
- In-depth content knowledge in a chosen discipline.

Course Sequence Maps

Spanish Education (K-12)

8 semester sequence map

Core Course Requirements

- SPAN 0043 - ELEMENTARY SPANISH 3 (if not exempt)*
- SPAN 0044 - INTERMEDIATE SPANISH (if not exempt)*
- SPAN 0020 - CONVERSATION
- SPAN 0025 - GRAMMAR AND COMPOSITION
- HIST 0500 - COLONIAL LATIN AMERICA or
- HIST 0501 - MODERN LATIN AMERICA
- SPAN 1101 - LITERATURE FOR ADOLESCENTS IN SPANISH or
- SPAN 1102 - LITERATURE FOR CHILDREN IN SPANISH
- SPAN 1950 - SPANISH CAPSTONE

* If these are exempt, choose additional classes to total 36 credits

Choice of five additional classes:

Choose five advanced classes with at least ONE each focused on language, culture, and literature. *These are examples. Other courses may be offered.

- SPAN 1400 - SURVEY LATIN AMERICAN LITERATURE
- SPAN 1403 - LATIN AMERICAN NARRATIVE
- SPAN 1410 - CINEMA OF THE HISPANIC WORLD
- SPAN 1450 - HISPANIC LEGENDS
- SPAN 1600 - SURVEY OF SPANISH LITERATURE
- SPAN 1404 - LATIN AMERICAN TOPICS

Total Credits: 36

Spanish Education Major Courses

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS
- IL 1333 - STRATEGIES AND TECHNIQUES OF INSTRUCTION K-12
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1703 - EARLY FIELD EXPERIENCE K-12
- IL 1237 - TEACHING SPANISH METHODS IN K-12 CLASSROOMS
- IL 1238 - PEDAGOGY LAB- SPANISH
- IL 1812 - PRE-STUDENT TEACHING- K-12
- IL 1877 - STUDENT TEACHING SEMINAR- K-12
- IL 1873 - K-12 STUDENT TEACHING - US OR
- IL 1874 - K-12 TEACHING SEMINAR ABROAD

Total Credits: 34

Special Education, BS

Teacher candidates wishing to teach PK-12 students with special needs will choose this education track. Special Education and Early Childhood Education can be combined into a double major/double certification program by taking appropriate classes during one additional semester.

Classes focus on:

- Pedagogy, assessment, and management of students;
- Teaching diverse students;
- In-depth content knowledge in a chosen discipline.

Like all of the Pitt-Greensburg education programs, coursework and field work are integrated to promote best practices, greater retention of knowledge, coursework relevancy, and increased experience.

Core Course Requirements

- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY
- PSY 1001 - INTRO EDUCATIONAL PSYCHOLOGY
- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- EDPSY 0009 - ENGLISH LANGUAGE LEARNERS
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1
- IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2
- IL 1062 - METHODS AND STRATEGIES FOR MODERATE TO SEVERE DISABILITIES
- IL 1218 - ASSESSMENT IN EDUCATION
- IL 1219 - METHODS AND STRATEGIES FOR LANGUAGE AND LITERACY
- IL 1220 - LANGUAGE ARTS IN THE PRIMARY YEARS
- IL 1223 - METHODS AND STRATEGIES FOR MATHEMATICS
- IL 1226 - PEDAGOGY LAB: LITERACY AND MATHEMATICS - SPECIAL EDUCATION
- IL 1275 - INTEGRATING THE CREATIVE ARTS
- IL 1334 - STRAT. & TECH. OF INSTRUCTION-SPECIAL EDUCATION
- IL 1360 - TRANSITION & COLLABORATION: EDUCATION, PLANNING, AND SERVICES
- IL 1362 - ASSISTIVE TECHNOLOGY AND ACCESSIBILITY
- PSY 1475 - APPLIED BEHAVIOR ANALYSIS

- IL 1705 - EARLY FIELD - SPECIAL EDUCATION K-12
- IL 1813 - PRE-STUDENT TEACHING SEMINAR - SPECIAL EDUCATION
- IL 1823 - STUDENT TEACHING - SPECIAL EDUCATION I
- IL 1873 - K-12 STUDENT TEACHING - US

Certificate

Manufacturing Management Certificate

The University of Pittsburgh at Greensburg is pleased to present this new educational opportunity to the precision manufacturing industry of southwestern Pennsylvania. Precision manufacturing is an engine of economic growth and job creation in southwestern Pennsylvania. However, a shortage of appropriately skilled workers with competencies essential to high-growth industries, along with an aging workforce, combine to create a demand for programs that will increase the number of workers available to serve the manufacturing industry. The existing and future manufacturing workforce needs access to educational programs that will enable them to attain, maintain, or upgrade skills to adapt to changing workforce needs.

The content and the delivery format for Pitt-Greensburg's Manufacturing Management Certificate Program are designed for working learners with technical training in manufacturing who have been identified by their employers as candidates for future leadership roles.

Others who would benefit from this program include military veterans who would like to enhance their skills as well as displaced workers who would like to enter this sector of the workforce.

The content for the program is customized to provide the courses in management and related areas that are most relevant to current work experiences. The program is also designed so that the credits could be applied toward a bachelor's degree in business management.

A component of the program would require participants who receive tuition reimbursement to agree to stay with their employer for a designated time period or become responsible for repayment of their educational costs. Please see your human resource department for details about your company's educational benefits.

Core Courses (9 credits)

- MGMT (New) - Accounting for Managers
- MGMT 1818 - MANAGEMENT SCIENCE
- MGMT 1820 - OPERATIONS MANAGEMENT

General Education Courses (7 credits)

- COMMRC (New) - Professional Communication
- STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT

Electives (3 courses for 9 credits)

- MGMT 1855 - SUPPLY CHAIN MANAGMENT
- MGMT 1857 - PROJECT MANAGEMENT
- MGMT (New) - Organizational Behavior
- MGMT (New) - Quality Control

Total Credits: 24

Minor

Accounting Minor

Students interested in Accounting may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Accounting requires that students complete five courses for a total of 15 credits.

Requirements 5 courses (15 credits)

- MGMT 0022 - FINANCIAL ACCOUNTING
- MGMT 0023 - MANAGERIAL ACCOUNTING
- MGMT 1138 - CORPORATE FINANCIAL ACCOUNTING
- MGMT 1140 - ACCOUNTING INFORMATION SYSTEMS AND FINANCIAL STATEMENT ANALYSIS
- MGMT 1835 - INTERMEDIATE ACCOUNTING 1

Note:

Management, Healthcare Management, and Management Information Science majors pursuing an Accounting minor must take 2 upper level Management classes in place of MGMT 0022 and MGMT 0023.

Each course for the Accounting minor must be completed with a grade of C- or better.

Total Credits: 15

Anthropology Minor

Students interested in Anthropology can pursue a minor to bolster their major(s) or to fulfill requirements for a related area within their major(s). Requirements for the minor are five Anthropology courses for fifteen credits, including the two introductory core courses. Each course in Anthropology must earn a grade of C- or better.

Required Courses (6 credits):

- ANTH 0770 - INTRODUCTION TO ANTHROPOLOGY 1: BIOLOGICAL/PHYSICAL ANTHROPOLOGY AND ARCHAEOLOGY
- ANTH 0771 - INTRODUCTION TO ANTHROPOLOGY 2: LINGUISTIC ANTHROPOLOGY AND SOCIOCULTURAL ANTHROPOLOGY

Remaining 3 courses (9 credits):

Any mid- to upper-level Anthropology courses listed.

- ANTH 0455 - DIVERSITY IN THE US
- ANTH 1220 - CLIMATE CHANGE AND THE HUMAN CHALLENGE
- ANTH 1310 - MIGRATION AND DIASPORAS
- ANTH 1410 - REPRODUCTIVE POLITICS
- ANTH 1481 - THE ANTHROPOLOGY OF DEATH
- ANTH 1705 - SUPERNATURAL WORLDS: ANTHROPOLOGY OF RELIGION
- ANTH 1760 - ANTHROPOLOGY OF LAW
- ANTH 1762 - HUMAN ECOLOGY
- ANTH 1767 - ETHNIC IDENTITIES

Applied Research Minor

Students interested in Applied Research may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Applied Research requires that students complete five courses for a total of 16 or 17 credits (courses listed are three credits unless otherwise noted).

Requirements:

Applied Research minors need to complete the following core courses:

- STAT 0200 - BASIC APPLIED STATISTICS or
- STAT 1000 - APPLIED STATISTICAL METHODS or
- STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT

- SOCSCI 0200 - RESEARCH METHODS IN THE SOCIAL SCIENCES or
- PSY 0032 - RESEARCH METHODS I

- COMMRC 1030 - RESEARCH METHODS IN COMMUNICATION STUDIES or
- SOC 1114 - QUALITATIVE RESEARCH METHODS or
- HIST 1010 - HISTORICAL INQUIRY AND METHODS

- SOCSCI 1901 - APPLIED RESEARCH INTERNSHIP

Additional

At least one additional area of application or skills course should be completed from the following list.

Note: INFSCI courses may have prerequisites that are not part of the minor

- COMMRC 0005 - INTERVIEWING AND INFORMATION GATHERING
- INFSCI 1022 - DATABASE MANAGEMENT SYSTEMS
- INFSCI 1068 - GEOSPATIAL INFORMATION SYSTEMS (GIS)
- STAT 1221 - APPLIED REGRESSION
- STAT 1900 - INTERNSHIP
- SOCSCI 0105 - INTRODUCTION TO PUBLIC POLICY
- SOCSCI 1031 - DIGITAL STUDIES
- SOCSCI 1040 - PROGRAM EVALUATION
- SOCSCI 1901 - APPLIED RESEARCH INTERNSHIP

Note:

Each course for the Applied Research minor must be completed with a grade of C- or better.

Behavior Analysis Minor

Students interested in Behavior Analysis may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Behavior Analysis requires that students complete five courses, one of which is a four-credit course, for a total of 16 credits.

Required courses - 13 credits

Complete all of the following courses.

- PSY 0402 - EXPERIMENTAL LEARNING

- PSY 1475 - APPLIED BEHAVIOR ANALYSIS
- PSY 1485 - BEHAVIOR ANALYSIS: PRINCIPLES AND PRACTICE
- PSY 1495 - ADVANCED BEHAVIOR ANALYSIS 2

PSY elective - 3 credits

The Psychology elective may be satisfied by one of the following courses:

- PSY 1035 - DRUGS AND BEHAVIORS
- PSY 1205 - ABNORMAL PSYCHOLOGY
- PSY 1445 - BIOLOGICAL FOUNDATIONS OF BEHAVIOR
- PSY 1525 - NEUROPSYCHOLOGY
- PSY 1911 - SUPERVISED FIELD PLACEMENT IN BEHAVIOR ANALYSIS

Note:

Each course for the Behavior Analysis minor must be completed with a grade of C- or better.

Clinical and Counseling Psychology Minor

The clinical and counseling minor provides students the necessary knowledge and skills to engage in the basic micro skills with clients in a mental health setting to improve their biopsychosocial well-being, including engaging in such tasks as assessment, formulating a treatment plan, and implementing a treatment plan, at an undergraduate level.

Required: 6 credits:

- PSY 0010 - INTRODUCTION TO PSYCHOLOGY
- PSY 0205 - PSYCHOPATHOLOGY or
- PSY 1205 - ABNORMAL PSYCHOLOGY

Electives: 9 Credits:

Choose 3 of the following courses.

- PSY 0160 - PSYCHOLOGY OF PERSONALITY
- PSY 0186 - CROSS CULTURAL PSYCHOLOGY
- PSY 1035 - DRUGS AND BEHAVIORS
- PSY 1056 - FORENSIC PSYCHOLOGY
- PSY 1210 - INTRODUCTION TO CLINICAL PSYCHOLOGY
- PSY 1215 - HEALTH PSYCHOLOGY
- PSY 1252 - INDIVIDUAL COUNSELING AND THERAPY
- PSY 1300 - CLINICAL SKILLS: UNDERSTANDING YOUR CLIENT
- PSY 1350 - COUPLES AND RELATIONSHIPS
- PSY 1475 - APPLIED BEHAVIOR ANALYSIS
- PSY 1485 - BEHAVIOR ANALYSIS: PRINCIPLES AND PRACTICE
- PSY 1495 - ADVANCED BEHAVIOR ANALYSIS 2
- PSY 1720 - PSYCHOLOGICAL STUDY OF TRAUMA

*Please Note

One of the following courses may be used as an elective if the course is focused on clinical or counseling skills:

- PSY 1920 - RESEARCH PRACTICUM
or PSY 1976 Psychology in Action

****Note:**

No more than one course can be counted for the minor AND within the psychology major/another minor (e.g., Behavior Analysis).

Criminal Justice Minor

Students interested in Criminal Justice may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Criminal Justice requires that students complete five courses for a total of 15 credits.

Requirements

Complete the following course

- CJ 0002 - CRIME, LAW, AND PUBLIC POLICY

Complete three of the following required courses

- CJ 0110 - CRIMINOLOGY
- CJ 0130 - CORRECTIONAL PHILOSOPHY: THEORY AND PRACTICES
- CJ 0210 - AMERICAN SYSTEM OF CRIMINAL JUSTICE
- CJ 1125 - HISTORY AND PHILOSOPHY OF LAW ENFORCEMENT

Complete one elective course

The following is a partial list of offered Criminal Justice courses.

- CJ 0145 - DRUGS AND SOCIETY
- CJ 1050 - COMPARATIVE CRIMINOLOGY
- CJ 1110 - VIOLENT CRIME
- CJ 1116 - ORGANIZED CRIME
- CJ 1126 - RESTORATIVE JUSTICE
- CJ 1130 - MINORITY ISSUES IN CRIMINAL JUSTICE
- CJ 1148 - DELINQUENCY AND JUVENILE JUSTICE
- CJ 1220 - NARCOS AND JUSTICE: THE FAILED DRUG WARS IN LATIN AMERICA AND THE UNITED STATES
- CJ 1230 - CRITICAL ISSUES IN CONTEMPORARY CORRECTIONS
- CJ 1248 - WOMEN AND CRIME
- CJ 1255 - SENTENCING AND MODERN REFORM
- CJ 1260 - RAPE AND SEXUAL ASSAULT 101: A GLOBAL PERSPECTIVE
- CJ 1518 - WHITE COLLAR CRIME
- CJ 1520 - VICTIMOLOGY

Note

Each course for the Criminal Justice minor must be completed with a grade of C- or better.

Education Minor

Students interested in Education may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Education requires that students complete a total of 21 credits, six of which can be used to fulfill social science requirements under General Education.

Requirements: 2 courses (6 credits)

Select the following courses to fulfill Social Science (SS1 and SS) under General Education:

- PSY 0010 - INTRODUCTION TO PSYCHOLOGY
- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY OR
- PSY 0311 - LIFESPAN DEVELOPMENT

Requirements: 5 courses (15 credits)

- EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION
- IL 1330 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - EARLY CHILDHOOD
OR
- IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY
- IL 1333 - STRATEGIES AND TECHNIQUES OF INSTRUCTION K-12
- IL 1700 - EARLY FIELD EXPERIENCE-ELEM or
- IL 1702 - EARLY FLD EXPERIENCE-SECONDARY
OR
- IL 1703 - EARLY FIELD EXPERIENCE K-12
- IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM I
- PSYED 1001 - INTRO EDUCATIONAL PSYCHOLOGY *

Note:

Each Course for the Education minor must be completed with a grade of C- or better.

*PSYED 1001 cannot be used as part of the Psychology major requirements.

Total Credits: 21

Healthcare Management Minor

Students interested in Healthcare Management may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Healthcare Management requires that students complete five courses for a total of 15 credits.

Requirements - 12 credits

Complete the following four courses.

- HCM 0100 - INTRODUCTION TO HEALTHCARE MANAGEMENT
- HCM 1100 - MANAGEMENT, DESIGN, AND OPTIMIZATION OF HEALTHCARE PROCESSES
- HCM 1120 - MANAGED CARE
- HCM 1130 - FINANCIAL MANAGEMENT OF HEALTHCARE

Additional 3 credits

Complete one additional course by choosing any Healthcare Management elective, Healthcare Management Internship, or any required Healthcare Management course not listed above.

Note

Each course for the Healthcare Management minor must be completed with a grade of C- or better.

History Minor

Students interested in History may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in History requires that students complete five courses for a total of 15 credits in addition to any History courses chosen to fulfill the requirements under General Education.

Survey course requirement: 3 courses (9 credits)

Complete one survey course from each of the following groupings: Latin America, United States, World.

- HIST 0710 - WORLD HISTORY TO 1500 OR
- HIST 0711 - WORLD HISTORY 1500 TO THE PRESENT
- HIST 0500 - COLONIAL LATIN AMERICA OR
- HIST 0501 - MODERN LATIN AMERICA
- HIST 0600 - UNITED STATES TO 1877 OR
- HIST 0601 - UNITED STATES 1865-PRESENT

Upper level courses - 6 credits

Complete two additional upper-level History courses in two different areas.

Total Credits: 15

Each course for the History minor must be completed with a grade of C- or better.

International Studies Minor

International Studies is an *interdisciplinary* program that draws from subjects including history, art history, foreign languages, music, politics, religion, anthropology, geography, philosophy, economics, sociology, criminal justice, environmental science, and many other fields. The Minor in

International Studies compliments major fields of study and diversifies student opportunities by providing recognition of formal academic accomplishments in global and international coursework. The Minor required 15 credits of coursework including:

Six (6) Credits of Introductory Interdisciplinary International Studies Coursework

- - One Course or Three Credits from each group, at least one must be from outside your primary major, the list of classes is not exhaustive, some other courses may be applicable

Group 1 (Contemporary)

- World Regional Geography GEOG0101
- Comparative Politics PS0300
- International Relations PS0500
- Modern Latin America HIST0501
- Introduction to Cultural Anthropology 1 ANTH0710, Introduction to Cultural Anthropology 2 ANTH0711
- News of the World ANTH1736 (1 Credit, Can Repeat)
- Introduction to Modern Art HAA0030

Group 2 (Historical)

- Colonial Latin America HIST0500
- World History to 1500 HIST0710
- World History 1500 to the Present HIST0711
- Greek Civilizations CLASS0020
- Roman CLASS0020
- Introduction to World Art HAA0010
- Introduction to World Music MUSIC0311

Six (6) Credits Interdisciplinary Intermediate/Advanced International Studies Coursework

- - At least one class from each group, at least one must be from outside your primary major

Group 1 (Contemporary, Social Sciences, Natural Sciences, Management)

- ANTH 1220, 1310, 1445, 1481, 1485, 1490, 1732, 1738, 1764
- CJ/SOC 1050, SOC0352
- PS 1314, 1318, 1321, 1369, 1503, 1541, 1511
- PSY0186
- BIOSC1372, 1385
- MGMT1845, 1846

Group 2 (Historical, Humanities)

- COMMRC 0330, 1146
- ENGLIT 0070, 0650, 1380, 1725
- HAA 0225, 0302, 0350, 0402, 1300
- HIST 0125, 0180, 1035, 1075, 1087, 1104, 1140, 1197, 1367, 1522, 1525, 1560, 1583
- PHIL0026, PHIL0200
- RELGST 0105, 0455, 1120

Three (3) Credits of Additional Foreign Language Coursework

In addition to the existing general education requirements, or if meeting the conditions that fulfil the language requirement, students must take three additional language credits in German, French, Spanish, and other languages offered (but not ASL)

Legal Psychology Minor

This minor consists of 5 courses within the Psychology and Criminal Justice majors for a total of 15 credits that must be completed with a grade of C- or better.

Required: 3 credits:

- PSY 0010 - INTRODUCTION TO PSYCHOLOGY

Required: 12 credits:

Complete 4 of the 9 courses listed. These must include **two** PSY designated courses.

- CJ 0002 - CRIME, LAW, AND PUBLIC POLICY *
- CJ 0110 - CRIMINOLOGY
- CJ 1125 - HISTORY AND PHILOSOPHY OF LAW ENFORCEMENT
- CJ 1135 - CRIMINAL INVESTIGATION
- CJ 1520 - VICTIMOLOGY
- PSY 1056 - FORENSIC PSYCHOLOGY
- PSY 1062 - SOCIAL SCIENCE AND LAW
- PSY 1114 - LEGAL PSYCHOLOGY
- PSY 1913 - DIRECTED INDIVIDUAL RESEARCH

* SOC 0020 - CRIME, LAW, AND PUBLIC POLICY is cross-listed with CJ 0002

*Note:

No more than one course can be counted for the minor AND within the student's major (psychology or criminal justice) or another minor.

Each course for the Legal Psychology minor must be completed with a grade of C- or higher.

Political Science Minor

Students interested in Political Science may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Political Science requires that students complete six courses for a total of 18 credits.

Requirements: 6 courses (18 credits)

Complete three of the following four courses:

- PS 0200 - AMERICAN POLITICS
- PS 0300 - COMPARATIVE POLITICS
- PS 0500 - INTERNATIONAL RELATIONS
- PS 0600 - POLITICAL THEORY

Complete three additional PS courses

Complete three additional PS courses, two of which must be upper-level courses numbered 1000 or above.

Total Credits: 18

Each course for the Political Science minor must be completed with a grade of C- or better.

Sociology Minor

Students interested in Sociology may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Sociology requires that students complete six courses for a total of 18 credits.

Required courses: 3 courses (9 credits)

- SOC 0010 - INTRODUCTION TO SOCIOLOGY
- SOC 0150 - SOCIAL THEORY
- SOCSOI 0200 - RESEARCH METHODS IN THE SOCIAL SCIENCES

Additional Sociology courses - 9 credits

Complete three additional Sociology courses.

Each course for the Sociology minor must be completed with a grade of C- or better.

Total Credits: 18

Relocation OptionsrCollege of Business Administration (Pittsburgh Campus)

Guidelines for Admissions Consideration:

- Completion of at least 30 credits at the University of Pittsburgh applicable to the BSBA degree+
- Cumulative Pitt GPA of 3.00 or higher
- Average of 3.00 or higher in the following four business prerequisite courses or their regional campus equivalents:
 - ECON 0100 Introduction to Microeconomic Theory (3 credits)*
 - ECON 0110 Introduction to Macroeconomic Theory (3 credits)*
 - MATH 0120 Business Calculus or MATH 0220 Analytical Geometry and Calculus 1 (4 credits)*
 - STAT 1100 Statistics and Probability for Business Management (4 credits)*

+If you have a strong academic history and would have been admissible to Pitt Business as a freshman, you may not need to complete 30 credits or all of the prerequisites before applying. We recommend discussing a timeframe for application with your academic advisor.

*In the admissions review, we will calculate your prerequisite average without including the effect of course repeats. The original grade earned in the prerequisites will be counted. Also, if you opt to take any business courses prior to admission to Pitt Business, please be aware that your performance in them will impact your admissibility.

If you transferred to the University of Pittsburgh from another college, your performance at your previous school will be considered during the admissions process for Pitt Business. It is important to discuss prior college performance with your academic advisor and any impact it may have on admission.

To be eligible for transfer to the College of Business Administration, international students must have a TOEFL score of 100 or greater OR have completed ENGCOMP 0200 Seminar in Composition or its regional campus equivalent.

Course Planning

While you are completing the business prerequisites, you can also take some courses that fulfill general education requirements for the College of Business Administration as follows:

Requirement	Fulfilled by:
Composition	ENGCOMP 0200 Seminar in composition
Foreign Language	Two terms of foreign language at Pitt or by successful completion of three years of the same foreign language in high school
Literature	One approved course
Music/Art	One approved course
Philosophy	One approved course
Social Sciences	Two approved courses from different disciplines
Natural Sciences	Two approved courses
Foreign Culture	Two approved courses

Application Deadlines

Admission to Pitt Business is handled on a rolling basis, which means that there is not a specific application deadline by which to apply. Students are admitted for any of Pitt's three academic semesters: fall (August), spring (January), and summer (May). You are encouraged to apply well in advance of the semester in which you want to enroll. The College of Business Administration reserves the right to close admission for the semester once capacity has been reached.

Next Steps

Apply by completing an Academic Program Change Form. Forms are obtained from and submitted to the academic program in which you are currently enrolled. Indicate on your form that you want to transfer to the College of Business Administration. You will be notified via email of your admissions decision.

School of Social Work (Pittsburgh Campus)

The constant changes in our domestic and international environment are ones that continue to directly affect children, families, and communities of all socioeconomic backgrounds, creating a high demand for professionals in the social work field. In fact, the demand for social workers is projected to grow by 22 percent in the current decade.

Earning your bachelor's degree in social work provides you with the skills necessary to make a difference in the lives of others. A degree in social work provides you with a sense of purpose, a range of career options, and the knowledge that you will make a positive impact on the world.

Current Pitt Student

If you are a University of Pittsburgh Student:

Current University of Pittsburgh students who wish to apply to the School of Social Work will need to complete the BASW face sheet and the BASW Supplemental Application in addition to providing their official transcripts and three letters of recommendation.

Please follow the links below to access the required materials:

[School of Social Work Supplemental Application Instructions](#)

[BASW Face Sheet](#)

[School of Social Work Supplemental Application](#)

[Recommendation Form for Current University of Pittsburgh Students](#)

You will also need to provide an official Pitt transcript.

Current students must send all application materials to:

*University of Pittsburgh School of Social Work
Office of Admissions-BASW
2101 Cathedral of Learning
4200 Fifth Avenue
Pittsburgh, PA 15260
Fax: 412-624-6711*

Bachelor's Transfer Qualifications

Bachelor's Qualifications

For admission to the Bachelor of Arts in Social Work program (BASW), an applicant must meet the following requirements:

Completion of 60 transferable credits from an accredited undergraduate institution and/or completion of an associate degree program. The distribution of liberal arts credits should be as follows:

- Humanities 9 crs.
- Natural Sciences 9 crs.
- Social Sciences 9 crs.
- Other courses (preferably in the social sciences) 33 crs.

Credits awarded through the College Level Examination Program (CLEP) by the College of General Studies are counted toward the 60 credits.

Minimum of 2.5 QPA on a 4.0 scale. Applicants with QPAs below 2.5 may be considered for admission under provisional status.

Academic and field-education credits are not granted in the BASW program for life, volunteer, or employment experience.

Application Deadline: Rolling

The Undergraduate program in the School of Social Work has a ROLLING ADMISSIONS POLICY. There is no specific deadline for submitting applications.

Suggested Fall Term Deadline: August 1

Suggested Spring Term Deadline: December 1

Humanities

Major

Communication, BA

The study of communication and rhetoric treats human communication as purposeful interaction between speakers and listeners. It takes into account the purpose of the message, the audience, the channels used, and the context in which the communication occurs. As a discipline, communication investigates a broad range of topics and incorporates knowledge acquired from other fields as well, including psychology, sociology, anthropology, and linguistics.

Core Courses 2 courses (6 credits)

- COMMRC 0310 - RHETORIC & SOCIETY
- COMMRC 0320 - MASS COMMUNICATION AND SOCIETY

Method Courses 1 course (3 credits)

- COMMRC 1030 - RESEARCH METHODS IN COMMUNICATION STUDIES

Area Courses 6 courses (18 credits)

Students choose four courses (12 credits) from either Rhetorical Studies or Media Studies as their primary area of emphasis and two courses (6 credits) from the other area as their secondary area of emphasis. *A partial list of available classes is provided below.*

Rhetorical Studies

- COMMRC 0005 - INTERVIEWING AND INFORMATION GATHERING
- COMMRC 0500 - ARGUMENT
- COMMRC 1111 - THEORIES OF PERSUASION
- COMMRC 1127 - IMAGE RESTORATION IN THE MEDIA
- COMMRC 1129 - ENVIRONMENTAL RHETORIC
- COMMRC 1146 - INTERCULTURAL COMMUNICATION
- COMMRC 1155 - THE HISTORY OF RHETORIC IN AMERICAN ADVERTISING
- COMMRC 1520 - ADVANCED PUBLIC SPEAKING
- COMMRC 1153 - RHETORIC AND PUBLIC POLICY

Media Studies

- COMMRC 0330 - CULTURAL STUDIES AND COMMUNICATION
- COMMRC 0570 - INDEPENDENT FILM
- COMMRC 1012 - DIGITAL STORYTELLING 1
- COMMRC 1020 - DIGITAL MEDIA STUDIES
- COMMRC 1021 - THE STUDIO: VIDEO PRODUCTIONS
- COMMRC 1022 - DIGITAL STORYTELLING 2
- COMMRC 1035 - VISUAL RHETORIC
- COMMRC 1040 - COMMUNICATING GENDER IN FILM
- COMMRC 1105 - TELEVISION AND SOCIETY

- COMMRC 1152 - DIGITAL AND PROFESSIONAL COMMUNICATION
- COMMRC 1157 - #FAKE NEWS: JOURNALISM AND DEMOCRACY IN AN ERA OF CONTESTED TRUTHS
- COMMRC 1180 - HISTORY AND RHETORIC OF FILM GENRES
- COMMRC 1220 - PUBLIC RELATIONS STRATEGY AND PRACTICES
- COMMRC 1310 - ADVERTISING STRATEGY AND PRACTICES
- COMMRC 1410 - FILM AND PROPAGANDA

Related Area 4 courses (12 credits)

All Communication majors must select four courses from another discipline within the humanities area or from a discipline outside the humanities as approved by a faculty advisor. Students may also choose a Minor rather than a Related Area which is often a total of 15 credits, depending upon the chosen Minor.

Additional Requirements 1 course (3 credits)

- COMMRC 1950 - COMMUNICATION CAPSTONE (after earning 90 credits and completing COMMRC 1030)

Total Credits: 42

Creative and Professional Writing, BA

The Creative and Professional Writing major includes concentrations in poetry, fiction, creative nonfiction, and journalism. Students focus on a primary genre, but are encouraged to take courses in all genres.

Requirements

Introductory Courses 2 courses (6 credits)

Complete two out of the three of the following introductory courses:

- ENGWR 0410 - INTRODUCTION TO CREATIVE WRITING (cross-genre course)
- ENGWR 0411 - INTRODUCTION TO CREATIVE NONFICTION
- ENGWR 0550 - FUNDAMENTALS OF NEWS REPORTING
(*Note: Students must complete ENGCM 0020 before enrolling in a writing course.*)

Writing Courses 6 courses (18 credits)

After completing the introductory courses, students are encouraged to declare a genre (poetry, fiction, creative nonfiction, or journalism) and complete all courses in that genre.

Note: Introductory courses may not be used to satisfy this requirement.

- ENGWR 1010 - INTERMEDIATE FICTION
- ENGWR 1012 - DIGITAL STORYTELLING 1
- ENGWR 1022 - DIGITAL STORYTELLING 2
- ENGWR 1095 - TOPICS IN FICTION
- ENGWR 1175 - FICTION SEMINAR: FAMILIES AND SMALL TOWNS *
- ENGWR 1210 - POETRY WORKSHOP *
- ENGWR 1250 - FORMAL POETRY WRITING

- ENGWR 1290 - READINGS IN CONTEMPORARY POETRY *
 - ENGWR 1293 - TOPICS IN POETRY
 - ENGWR 1310 - ADVANCED JOURNALISM/FEATURE WRITING *
 - ENGWR 1331 - MAGAZINE 1 *
 - ENGWR 1380 - NEWS PRACTICUM: THE INSIDER
 - ENGWR 1381 - NEWS PRACTICUM: THE INSIDER
 - ENGWR 1390 - READINGS IN CONTEMPORARY NON-FICTION *
 - ENGWR 1410 - TOPICS IN NON-FICTION: MEMOIR *
 - ENGWR 1415 - TOPICS IN NONFICTION WRITING (Travel Writing; Food Writing; Nature Writing)
 - ENGWR 1430 - LITERARY AND ONLINE PUBLISHING
 - ENGWR 1500 - WRITING AND HEALING ARTS: WRITING CHILDHOOD
 - ENGWR 1520 - WRITING ABOUT AND THROUGH TRAUMA
 - ENGWR 1530 - WRITING AND THE BODY
 - ENGWR 1550 - WRITING AS PLAY
 - ENGWR 1560 - WRITING IN THE WORLD
 - ENGWR 1650 - PLAYWRITING 1
 - ENGWR 1900 - INTERNSHIP: WRITING * (strongly encouraged for majors with journalism emphasis - 12 or more credits in journalism or creative nonfiction)
- *This course has a prerequisite*

Additional Requirements 4 courses (12 credits)

All students must complete four courses of English Literature electives as part of the major requirements.

Related Area 4 courses (12 credits)

These courses are in an area approved by the student's Academic Advisor.

Students may often choose a Minor rather than a related area which is often a total of 15 credits depending on the chosen Minor.

Total Credits: 51

English Writing Capstone 1 course (3 credits)

This rigorous, senior-seminar course is taken during the student's senior year. Students complete a manuscript in their chosen genres and do a public presentation of their work as part of the course requirements.

Note: After earning 60 credits, Creative and Professional Writing majors must enroll in ENGCM 1150 - Grammar and Copy Editing, to satisfy their final composition requirement.

- ENGWR 1955 - ENGLISH WRITING CAPSTONE

English Literature, BA

Our English Literature major is distinctive in its balance of historical literary traditions, contemporary texts, critical theory, and cultural context. Because we can combine a small college's close attention to individual students with a large university's library resources, our courses encourage a wide range of interdisciplinary linkages while developing skills in information processing and online database research. The major engages students with challenging and provocative texts and in the process stimulates wide reading, understanding of a variety of literary traditions and genres, and critical thinking.

Core Courses 6 courses (18 credits)

The core courses ensure familiarity with a wide range of interconnected literary traditions over centuries. These should be taken after 30 credits of university coursework.

- ENGLIT 1012 - 18TH-CENTURY BRITISH LITERATURE
- ENGLIT 1100 - MEDIEVAL IMAGINATION
- ENGLIT 1125 - MASTERPIECES OF RENAISSANCE LITERATURE
- ENGLIT 1175 - 19TH CENTURY BRITISH LITERATURE
- ENGLIT 1215 - PRE-20THC AMERICAN LITERATURE
- ENGLIT 1325 - MODERNISM

Electives 6 courses (18 credits)

Choose any six of the remaining ENGLIT courses offered at Pitt-Greensburg. A partial list of elective classes is provided below. See the course descriptions in this publication or the current Schedule of Classes for additional choices. One of these courses will be used to satisfy the literature requirement for general education.

- ENGLIT 0066 - INTRO TO SOCIAL LITERATURE
- ENGLIT 0110 - INTRODUCTION TO LITERATURE
- ENGLIT 0310 - THE DRAMATIC IMAGINATION
- ENGLIT 0315 - READING POETRY
- ENGLIT 0325 - THE SHORT STORY
- ENGLIT 0355 - DIGITAL HUMANITIES
- ENGLIT 0360 - WOMEN AND LITERATURE
- ENGLIT 0500 - INTRODUCTION TO CRITICAL READING
- ENGLIT 0570 - AMERICAN LITERATURE
- ENGLIT 0580 - INTRODUCTION TO SHAKESPEARE
- ENGLIT 0626 - SCIENCE FICTION
- ENGLIT 0643 - SATIRE
- ENGLIT 0650 - IRISH LITERATURE
- ENGLIT 0660 - LITERARY FAME
- ENGLIT 1241 - JANE AUSTEN: BOOKS & FILM
- ENGLIT 1248 - LITERATURE OF MINORITY WOMEN
- ENGLIT 1380 - WORLD LITERATURE IN ENGLISH
- ENGLIT 1552 - HISTORY OF THE ENGLISH LANGUAGE
- ENGLIT 1611 - DEVELOPMENT OF THE NOVEL
- ENGLIT 1640 - LITERATURE FOR CHILDREN
- ENGLIT 1645 - CRITL APPRCH TO CHILDREN'S LIT
- ENGLIT 1647 - LITERATURE FOR ADOLESCENTS
- ENGLIT 1725 - ASIAN NORTH AMERICAN FILM AND LITERATURE

Related Area 4 courses (12 credits)

Choose four classes from one of the following departments: Classics, Communication, English Writing, French, History of Art & Architecture, Music, Philosophy, Spanish, or Theatre Arts. Other choices of departments for the related area are possible with the approval of the Academic Advisor.

Rather than complete a related area, students may also choose a minor which is often a total of 15 credits, depending upon the chosen Minor.

Capstone Requirement - 1 course (3 credits)

After earning 90 credits, all English Literature majors must take ENGLIT 1950 to fulfill the capstone class requirement.

Note: After earning 60 credits, English Literature majors must enroll in ENGCOMP 1150 - Grammar and Copy Editing, to satisfy their final composition requirement.

Total Credits: 51

Humanities Area, BA

The Humanities area option allows students to meet their individual educational needs by developing a major based on courses from several departments within the Division of Humanities. The selection of courses should reflect a theme or program that is developed in consultation with the faculty advisor.

Core Requirements 12 courses (36 credits)

To satisfy the requirements for a humanities area major, students select one department in which they take five to six courses (15-18 credits) and two other departments in which they take three to four courses (9-12 credits) each for a minimum total of 36 credits. An example program of study for a student who chose Communication as the major department and English Literature and History of Art & Architecture as the minor departments is shown below.

Communication

- COMMRC 0310 - RHETORIC & SOCIETY
- COMMRC 0320 - MASS COMMUNICATION AND SOCIETY
- COMMRC 1012 - DIGITAL STORYTELLING 1
- COMMRC 1127 - IMAGE RESTORATION IN THE MEDIA
- COMMRC 1152 - DIGITAL AND PROFESSIONAL COMMUNICATION
- COMMRC 1220 - PUBLIC RELATIONS STRATEGY AND PRACTICES

English Literature

- ENGLIT 0570 - AMERICAN LITERATURE
- ENGLIT 1100 - MEDIEVAL IMAGINATION
- ENGLIT 1241 - JANE AUSTEN: BOOKS & FILM
- ENGLIT 1725 - ASIAN NORTH AMERICAN FILM AND LITERATURE

History of Art and Architecture

- HAA 0010 - INTRODUCTION TO WORLD ART
- HAA 0150 - ANCIENT ART
- HAA 0306 - STUDY ABROAD: EXPLORING ART IN ITALY (S.A)

Additional Requirement 1 course (3 credits)

After earning 90 credits, all Humanities Area majors must take one of the capstone courses offered in the major area of concentration to fulfill the capstone course requirement.

Total Credits: 39

Spanish, BA

The Spanish major provides a balanced combination of courses designed to strengthen written and spoken language skills, courses that offer a solid background in history, society, and politics and courses that emphasize literary and cultural heritage. Students are strongly encouraged to study abroad for a summer or semester.

Prerequisites up to 2 courses (6 credits)

- SPAN 0041 - ELEMENTARY SPANISH 1
- SPAN 0042 - ELEMENTARY SPANISH 2

Bridge Courses

(Typical starting place for Spanish major with strong high-school preparation)

- SPAN 0043 - ELEMENTARY SPANISH 3
- SPAN 0044 - INTERMEDIATE SPANISH
- SPAN 0020 - CONVERSATION
- SPAN 0025 - GRAMMAR AND COMPOSITION

Composition 3 Requirement - 1 course (3 credits)

SPAN course designated W fulfills this requirement.

Advanced Courses 6 courses (18 credits)

Students select an additional 6 courses (18 credits) numbered above 0043. Students must take at least one course each in advanced language, literature, and culture.

- SPAN 0326 - LATIN AMERICAN FILM AND LITERATURE IN TRANSLATION
- SPAN 1030 - LATINOS IN THE UNITED STATES
- SPAN 1101 - LITERATURE FOR ADOLESCENTS IN SPANISH
- SPAN 1150 - INTRODUCTION TO TRANSLATION
- SPAN 1300 - SPANISH PHONETICS AND PHONEMICS
- SPAN 1321 - BUSINESS SPANISH 1
- SPAN 1400 - SURVEY LATIN AMERICAN LITERATURE
- SPAN 1410 - CINEMA OF THE HISPANIC WORLD
- SPAN 1450 - HISPANIC LEGENDS
- SPAN 1600 - SURVEY OF SPANISH LITERATURE
- HIST 0500 - COLONIAL LATIN AMERICA OR
- HIST 0501 - MODERN LATIN AMERICA
- HIST 1140 - HISTORY AND CULTURE OF SPAIN

Additional Requirement 1 course (3 credits)

After earning 90 credits, all Spanish majors must take SPAN 1950 - SPANISH CAPSTONE to fulfill the capstone class requirement.

Study Abroad

Spanish majors are strongly encouraged to enroll in a study abroad experience equivalent to 6-12 credits of work. Up to 3 study abroad courses will be counted as advanced courses within the Spanish major with a fourth used for a General Education requirement. Study abroad courses must be approved, in advance, by the Study Abroad Advisor.

Total Credits: 36

Visual and Performing Arts, BA

Visual and Performing Arts is a contemporary academic field that approaches the visual and performing arts as a cohesive body of study. Its purpose is to explore the interconnectedness of art history, music, and theatre arts through a comparative examination of their themes, conventions, and aesthetic developments. This major also promotes understanding of the role of the arts in history and society and appreciation for human artistic expression.

Core Courses 7 courses (21 credits)

- HAA 0010 - INTRODUCTION TO WORLD ART
- HAA 0030 - INTRODUCTION TO MODERN ART
- MUSIC 0222 - HISTORY OF WESTERN MUSIC TO 1750
- MUSIC 0224 - HISTORY OF WEST MUSIC SINCE 1750
- THEA 0805 - INTRODUCTION TO THEATRE ARTS - PART 1
- THEA 0806 - INTRODUCTION TO THEATRE ARTS - PART 2
- HUMAN 1140 - THEORY AND METHODS OF THE VISUAL AND PERFORMING ARTS

Electives 5 courses (15 credits)

Students concentrate in one of the areas: (i.e., History of Arts and Architecture, Music or Theatre) taking three additional courses in that discipline and one additional course in each of the remaining two disciplines. A partial list of elective classes is provided below.

- HAA 0030 - INTRODUCTION TO MODERN ART
- HAA 0150 - ANCIENT ART
- HAA 0225 - MEDIEVAL ART AND ARCHITECTURE
- HAA 0302 - RENAISSANCE ART
- HAA 0350 - BAROQUE ART
- HAA 0306 - STUDY ABROAD: EXPLORING ART IN ITALY
- HAA 0402 - WOMEN ARTISTS
- HAA 1005 - ART AND FORENSIC ANALYSIS
- MUSIC 0110 - MUSIC FUNDAMENTALS
- MUSIC 0121 - BASIC MUSICIANSHIP: CLASS PIANO
- MUSIC 0411 - THEORY 1
- MUSIC 0700 - MUSIC FOR THE STAGE
- MUSIC 0845 - SPECIAL TOPICS IN MUSIC
- MUSIC 0896 - MUSIC AND FILM
- MUSIC 1270 - MUSIC, CULTURE & TECHNOLOGY
- MUSIC 1396 - MUSIC IN SOCIETY
- THEA 0110 - DRAMA ON FILM
- THEA 0725 - WOMEN IN THEATRE
- THEA 1103 - ACTING 2
- THEA 1115 - DIRECTING ON THE STAGE
- THEA 1365 - PLAYWRITING 1

Additional Requirement 1 course (3 credits)

After earning 90 credits, all Visual and Performing Arts majors must enroll in either HAA 1955, MUSIC 1955, or THEA 1955 to fulfill the capstone class requirement. The capstone project can be research or performance based.

Studio and Performance Opportunities

Students are encouraged to participate in music and theatrical performances and studio arts. Credit is available as part of these performances to be used in the Humanities area of General Education or General Electives.

- MUSIC 0105 - MUSIC PRACTICUM - SPRING MUSICAL (1-3 credits)
- MUSIC 0206 - CHAMBER SINGERS (0.5 credits)
- MUSIC 0511 - VOICE (1 credit)
- MUSIC 0512 - PIANO (1 credit)
- MUSIC 0610 - PITT-GREENSBURG CHORALE (0.5-1.5 credits)
- SA 0050 - INTRODUCTION 2D & 3D MODELING
- SA 0110 - VISUAL THINKING
- SA 0120 - PAINTING STUDIO 1
- SA 0130 - DRAWING STUDIO 1
- SA 1220 - PAINTING STUDIO 2
- THEA 0103 - THEATRE PRACTICUM: PERFORMANCE (1-3 credits)

Total Credits: 39

Certificate

Arts Entrepreneurship Certificate

The Arts Entrepreneurship Certificate Program has been designed to provide students with the knowledge, skills, and tools needed to create their own personal brand, to market themselves as artists, and to find gainful employment while they are working toward their eventual full-time career in the arts.

The courses can be taken in as little as four semesters, while you complete your undergraduate degree. Some of the courses also fulfill general education requirements.

Students in the Certificate Program will take the following 3-credit courses:

- MGMT 0022 - FINANCIAL ACCOUNTING OR
- MGMT 0026 - PERSONAL FINANCIAL PLANNING
- MGMT 1857 - PROJECT MANAGEMENT
- COMMRC 1310 - ADVERTISING STRATEGY AND PRACTICES
- ENGCOMP 0031 - BUSINESS WRITING
- HUMAN 1055 - ARTS ENTREPRENEURSHIP
- COMMRC 1900 - COMMUNICATION INTERNSHIP OR
- THEA 0103 - THEATRE PRACTICUM: PERFORMANCE

Total Credits: 18

- The first four courses provide the basic business and promotional skills needed by an arts entrepreneur.
- The Arts Entrepreneurship course will focus on personal branding as a means for AE students to bring their skills to bear on their planning for their own careers. In addition, this course will provide necessary background on fundraising in the arts.
- Finally, students will earn three credits in an internship or practicum experience chosen in consultation with their advisor.
- Courses for the Arts Entrepreneurship Certificate must be completed with a grade of C- or better.

Children's Literature Certificate

The Children's Literature certificate program offers a multidisciplinary course of concentrated study in literature for children and adolescents that should be attractive to students in a variety of majors. The certificate may be earned with the successful completion of 18 credits of designated course work and the signed approval of the director of the certificate program. Completion of the certificate program provides students with advantages in both employment and graduate study.

Required Courses (9 credits)

- ENGLIT 1640 - LITERATURE FOR CHILDREN
- ENGLIT 1645 - CRITL APPRCH TO CHILDREN'S LIT
- ENGLIT 1647 - LITERATURE FOR ADOLESCENTS

Additional Requirements (9 credits)

Students, in consultation with the director of the certificate program, will choose three courses (9 credits) from the following:

- CLASS 0030 - MYTHOLOGY IN THE ANCIENT WORLD
- COMMRC 1146 - INTERCULTURAL COMMUNICATION
- ENGCOMP 1150 - GRAMMAR AND COPY-EDITING
- ENGLIT 1552 - HISTORY OF THE ENGLISH LANGUAGE
- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY
- PSY 0330 - EXPERIMENTAL CHILD
- PSY 0402 - EXPERIMENTAL LEARNING
- PSY 1001 - INTRO EDUCATIONAL PSYCHOLOGY

Total Credits: 18

Students must earn a minimum grade of C- in all courses used to fulfill requirements for the Children's Literature Certificate.

Digital Studies Certificate

This certificate program combines digital media design, coding for the web, and applied research in the digital humanities. In pursuing the certificate, students will learn to make optimal design decisions for effective display on the multiple platforms and devices that access the World Wide Web. Students will design digital art and narrative, build digital research tools for public access, and gain certification in computer skills documented on their diplomas.

The coursework for the certificate is easily combined with majors in Visual and Performing Arts, English Literature, Communication, Creative and Professional Writing, and History, as well as Information Technology and Information Systems, and many others. There are no extra costs for pursuing this certificate, and many of the courses also fulfill general education requirements toward graduation. To complete the certificate students create a digital portfolio of projects to share evidence of their digital skills with potential employers and graduate programs.

Students complete six courses (18 credits): two core courses and four other elective classes. The two core courses involve experience in both digital research and digital presentation on the web. The electives are divided into "R" (digital research) and "P" ("project presentation") courses, and students must take at least one of each kind. The two other courses may be any from the lists below, or another course subject to approval by the faculty committee supervising Digital Studies. (To be approved by the committee, the main projects for the course must combine the learning and application of computing technology with another discipline.)

Core Courses

All students who pursue the certificate must take the following:

COMMRC 1012 / ENGWRT 1012 (Digital Storytelling 1)

and either one of the following two:

HUMAN 1030 / SOCSCI 1031 (Coding and Digital Archives)

HUMAN 1050 / SOCSCI 1051 (Coding and Data Visualization)

Elective Courses

Students choose at least one course marked "R," (digital research) at least one marked "P," (project presentation) and any other two from either the core or elective list:

- COMMRC 1022 - DIGITAL STORYTELLING 2 P
- ENGWRT 1022 - DIGITAL STORYTELLING 2 P
- COMMRC 0570 - INDEPENDENT FILM P
- COMMRC 1020 - DIGITAL MEDIA STUDIES P
- COMMRC 1152 - DIGITAL AND PROFESSIONAL COMMUNICATION
- CS 0134 - WEB SITE DESIGN AND DEVELOPMENT P
- ENGLIT 0066 - INTRO TO SOCIAL LITERATURE R or P
- ENGLIT 0626 - SCIENCE FICTION
R or P
- ENGLIT 0660 - LITERARY FAME R
- ENGLIT 1175 - 19TH CENTURY BRITISH LITERATURE R or P
- ENGLIT 1215 - PRE-20THC AMERICAN LITERATURE
R
- ENGLIT 1241 - JANE AUSTEN: BOOKS & FILM R
- ENGLIT 1552 - HISTORY OF THE ENGLISH LANGUAGE R
- ENGWRT 1331 - MAGAZINE 1 P
- ENGWRT 1415 - TOPICS IN NONFICTION WRITING P
- INFSCI (New) - Information Literacy R
- HIST 1560 - WOMEN IN LATIN AMERICAN HISTORY
- MATH 1001 - MATHEMATICAL COMPUTING R
- MUSIC 1270 - MUSIC, CULTURE & TECHNOLOGY R
- SOC 1270 - MUSIC, CULTURE AND TECHNOLOGY R
- SA 0050 - INTRODUCTION 2D & 3D MODELING R or P

Total Credits: 18

Latin American Studies Certificate

The Certificate in Latin American Studies (LAS) is designed to promote knowledge and understanding of Latin America and the Caribbean through multidisciplinary study and field experience. It provides students with a broad background in the region's long and complex history, intersecting political, economic, and social structures, and diverse cultures.

Latin American: 5 courses (15 credits)

Students take five courses from at least three departments. Only one of the courses may be from the student's major department. The Pitt-Greensburg courses listed below may be used as Latin American area courses. Other courses in which 25 percent of the content is devoted to Latin America and in which a student's papers/projects/presentations are based on Latin America may, with the approval of the certificate advisor, be counted as one of the required area courses.

Literature

- ENGLIT 0327 - LATIN AMERICAN FILM AND LITERATURE IN TRANSLATION

History

- HIST 0500 - COLONIAL LATIN AMERICA
- HIST 0501 - MODERN LATIN AMERICA
- HIST 1522 - BRAZIL
- HIST 1525 - MEXICO, AZTECS TO THE PRESENT
- HIST 1583 - 20THC LATIN AMERICAN REVOLUTIONS

Political Science

- PS 1321 - LATIN AMERICAN POLITICS

Spanish

- SPAN 1403 - LATIN AMERICAN NARRATIVE
- SPAN 1404 - LATIN AMERICAN TOPICS
- SPAN 1450 - HISPANIC LEGENDS

Study Abroad

Students must enroll for a six-week program of study in an accredited study abroad program in a Latin American country. Pitt-Greensburg students are also eligible for the yearly seminar/field trip to a Latin American country sponsored by the Center for Latin American Studies. Selection for the program is competitive and requires an application due in early October and an interview.

Language Proficiency

Students must demonstrate proficiency in either Spanish or Portuguese. Completion of six semesters of college-level courses including SPAN 0041, SPAN 0042, SPAN 0043, and SPAN 0044 plus two additional Spanish language classes will satisfy the language proficiency requirement. Native speakers of either language can request that the language proficiency requirement be waived.

Total Credits: 15

Minor

Creative and Professional Writing Minor

Students interested in Creative and Professional Writing with an emphasis in journalism, fiction, poetry, or creative nonfiction may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Creative and Professional Writing requires that students complete five three-credit courses for a total of 15 credits.

Requirements:

Complete two out of three introductory level courses:

- ENGWR 0410 - INTRODUCTION TO CREATIVE WRITING
- ENGWR 0411 - INTRODUCTION TO CREATIVE NONFICTION
- ENGWR 0550 - FUNDAMENTALS OF NEWS REPORTING

Complete three additional upper-level ENGWR courses

Students may choose from the following:

- ENGWR 1010 - INTERMEDIATE FICTION
- ENGWR 1012 - DIGITAL STORYTELLING 1
- ENGWR 1022 - DIGITAL STORYTELLING 2 *
- ENGWR 1095 - TOPICS IN FICTION
- ENGWR 1170 - SHORT STORY WORKSHOP
- ENGWR 1175 - FICTION SEMINAR: FAMILIES AND SMALL TOWNS
- ENGWR 1210 - POETRY WORKSHOP
- ENGWR 1290 - READINGS IN CONTEMPORARY POETRY
- ENGWR 1310 - ADVANCED JOURNALISM/FEATURE WRITING
- ENGWR 1331 - MAGAZINE 1
- ENGWR 1380 - NEWS PRACTICUM: THE INSIDER
- ENGWR 1381 - NEWS PRACTICUM: THE INSIDER
- ENGWR 1293 - TOPICS IN POETRY
- ENGWR 1390 - READINGS IN CONTEMPORARY NON-FICTION
- ENGWR 1410 - TOPICS IN NON-FICTION: MEMOIR
- ENGWR 1415 - TOPICS IN NONFICTION WRITING (Travel, Food, Nature Writing)
- ENGWR 1420 - BLOGGING: JOURNALISM'S NEXT WAVE
- ENGWR 1430 - LITERARY AND ONLINE PUBLISHING
- ENGWR 1500 - WRITING AND HEALING ARTS: WRITING CHILDHOOD
- ENGWR 1520 - WRITING ABOUT AND THROUGH TRAUMA
- ENGWR 1530 - WRITING AND THE BODY
- ENGWR 1550 - WRITING AS PLAY
- ENGWR 1560 - WRITING IN THE WORLD *
- ENGWR 1650 - PLAYWRITING 1

* These courses have prerequisites beyond the introductory-level courses.

Total Credits: 15

Each course for the English Writing minor must be completed with a grade of C- or better

English Literature Minor

Students interested in English Literature may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in English Literature requires that students complete five courses for a total of 15 credits in addition to any ENGLIT courses chosen to fulfill the requirements under General Education.

Requirements: 5 courses (15 credits)

Choose three of the following courses:

- ENGLIT 1012 - 18TH-CENTURY BRITISH LITERATURE
- ENGLIT 1100 - MEDIEVAL IMAGINATION
- ENGLIT 1125 - MASTERPIECES OF RENAISSANCE LITERATURE
- ENGLIT 1175 - 19TH CENTURY BRITISH LITERATURE
- ENGLIT 1215 - PRE-20THC AMERICAN LITERATURE
- ENGLIT 1325 - MODERNISM

Electives: 6 credits

Complete two additional ENGLIT courses.

Total Credits: 15

Each course for the English Literature minor must be completed with a grade of C- or better.

Film Studies Minor

Students interested in Film Studies may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Film Studies requires that students complete five courses for a total of 15 credits.

Requirements

Complete five classes from the list below:

- COMMRC 0570 - INDEPENDENT FILM
- COMMRC 1021 - THE STUDIO: VIDEO PRODUCTIONS
- COMMRC 1040 - COMMUNICATING GENDER IN FILM
- COMMRC 1180 - HISTORY AND RHETORIC OF FILM GENRES
- COMMRC 1410 - FILM AND PROPAGANDA
- ENGLIT 0327 - LATIN AMERICAN FILM AND LITERATURE IN TRANSLATION
- ENGLIT 1241 - JANE AUSTEN: BOOKS & FILM
- HAA 0810 - EXPERIMENTAL CINEMA
- ENGLIT 1725 - ASIAN NORTH AMERICAN FILM AND LITERATURE
- MUSIC 0896 - MUSIC AND FILM
- PHIL 1120 - PHILOSOPHY OF FILM AND FILM THEORY
- PS 1836 - POLITICS THROUGH FILM
- SPAN 0326 - LATIN AMERICAN FILM AND LITERATURE IN TRANSLATION
- SPAN 1410 - CINEMA OF THE HISPANIC WORLD
- THEA 0110 - DRAMA ON FILM

Note

Each course for the Film Studies minor must be completed with a grade of C- or better.

Gender Studies Minor

Students interested in Gender Studies may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Gender Studies requires that students complete five courses for a total of 15 credits. Courses used for the Gender Studies minor may not be used to satisfy requirements in the major or for General Education.

Requirements: 5 courses (15 credits)

Complete five courses designated as Gender Studies courses.

Current Pitt-Greensburg courses in which gender is a major focus include the following:

- ANTH 1738 - GENDER PERSPECTIVES IN ANTHROPOLOGY
- CJ 1248 - WOMEN AND CRIME
- COMMRC 1040 - COMMUNICATING GENDER IN FILM
- ENGLIT 0360 - WOMEN AND LITERATURE
- ENGLIT 1241 - JANE AUSTEN: BOOKS & FILM
- ENGLIT 1248 - LITERATURE OF MINORITY WOMEN
- HIST 1560 - WOMEN IN LATIN AMERICAN HISTORY
- HAA 0402 - WOMEN ARTISTS
- PHIL 1340 - FEMINIST PHILOSOPHY
- PSY 0184 - PSYCHOLOGY OF GENDER
- THEA 0725 - WOMEN IN THEATRE

Total Credits: 15

Note:

Other courses may be added to the list of designated courses. Check the current Schedule of Classes for updates.

Students may not select more than two courses from a single department and must include courses from two departments outside their majors. Students working on a Gender Studies minor will be encouraged to address gender issues in their capstone projects.

Each course for the Gender Studies minor must be completed with a grade of C- or better.

History of Art and Architecture Minor

Students interested in History of Art and Architecture may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in History of Art and Architecture requires that students complete five courses for a total of 15 credits.

Required classes - 2 courses (6 credits)

- HAA 0010 - INTRODUCTION TO WORLD ART
- HAA 0030 - INTRODUCTION TO MODERN ART

HA&A electives - 3 classes (9 credits)

Complete three additional History of Art and Architecture classes.

Total Credits: 15

Each course for the History of Art and Architecture minor must be completed with a grade of C- or better.

Music Minor

Students interested in Music may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Music requires that students complete five courses for a total of 15 credits in addition to any MUSIC courses chosen to fulfill the requirements under General Education.

Complete two required classes (6 credits)

- MUSIC 0222 - HISTORY OF WESTERN MUSIC TO 1750 OR
- MUSIC 0224 - HISTORY OF WEST MUSIC SINCE 1750
AND
- MUSIC 0110 - MUSIC FUNDAMENTALS OR
- MUSIC 0411 - THEORY 1

Music Performance (3 credits)

Earn three credits in music performance by completing any combination of the following:

- MUSIC 0105 - MUSIC PRACTICUM - SPRING MUSICAL
- MUSIC 0121 - BASIC MUSICIANSHIP: CLASS PIANO
- MUSIC 0511 - VOICE (1 credit per semester)
- MUSIC 0512 - PIANO (1 credit per semester)
- MUSIC 0610 - PITT-GREENSBURG CHORALE
(.5 to 1.5 credits per semester)

Two additional MUSIC courses (6 credits)

Complete two additional MUSIC lecture classes.

Total Credits: 15

Each course for the Music minor must be completed with a grade of C- or better.

Philosophy Minor

Students interested in Philosophy may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Philosophy requires that students complete a total of 18 credits, three of which may be used to fulfill the Philosophical Tradition (PT) requirement for General Education.

Requirements: 6 courses (18 credits)

Complete six three-credit philosophy courses. The selection of courses must include one course from each of the three categories shown below.

Some classes from the history category also appear in the metaphysics, epistemology, and philosophy of science category. Students can choose which category to place them in, but the same course cannot be used to satisfy more than one category. In addition, two of the six courses chosen for the minor must be upper-level courses. Upper-level PHIL courses are those with numbers above 1000 except for PHIL 1380-Business Ethics.

History of Philosophy

- PHIL 0026 - EASTERN THOUGHT
- PHIL 0200 - HISTORY OF ANCIENT PHILOSOPHY
- PHIL 0210 - HISTORY OF MODERN PHILOSOPHY
- PHIL 0220 - INTRODUCTION TO EXISTENTIALISM
- PHIL 0270 - EAST-WEST PHILOSOPHY
- PHIL 1020 - PLATO
- PHIL 1080 - MEDIEVAL PHILOSOPHY
- PHIL 1195 - NIETZSCHE
- PHIL 1245 - AMERICAN PHILOSOPHY

Metaphysics, Epistemology, and Philosophy of Science

- PHIL 0080 - INTRODUCTION TO PHILOSOPHICAL PROBLEMS
- PHIL 0210 - HISTORY OF MODERN PHILOSOPHY
- PHIL 0470 - PHILOSOPHY OF RELIGION
- PHIL 0500 - INTRODUCTION TO LOGIC
- PHIL 1020 - PLATO
- PHIL 1080 - MEDIEVAL PHILOSOPHY
- PHIL 1245 - AMERICAN PHILOSOPHY
- PHIL 1682 - FREEDOM AND DETERMINISM

Value Theory

- PHIL 0300 - INTRODUCTION TO ETHICS
- PHIL 0310 - ETHICS, SCIENCE AND TECHNOLOGY
- PHIL 0320 - SOCIAL PHILOSOPHY
- PHIL 0790 - PHILOSOPHY OF ART
- PHIL 1120 - PHILOSOPHY OF FILM AND FILM THEORY
- PHIL 1380 - BUSINESS ETHICS

Total Credits: 18

In addition to the courses listed above, the following courses also count toward the minor: PHIL 1890 (upper division) and PHIL 1901 (upper division).

Each course in the Philosophy minor must be completed with a grade of C- or better.

Spanish Minor

Students interested in Spanish may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Spanish requires that students complete six courses for a total of 18 credits.

1-2 courses (3-6 credits), depending on placement

Demonstrate competency at the level of intermediate Spanish through examination or by completing the following courses:

- SPAN 0043 - ELEMENTARY SPANISH 3
- SPAN 0044 - INTERMEDIATE SPANISH

Additional courses - 4-5 (12-15 credits)

Students choose four additional courses in Spanish language, literature, or culture, one of which must be an advanced course, 1000 or above.

Students placed higher than SPAN 0043 must take additional courses to total 18 credits.

Spanish SPAN 0041 and SPAN 0042 may not be used for the Spanish minor.

Total Credits: 18

All courses for the Spanish minor must be completed with a grade of C- or better.

Theatre Arts Minor

Students interested in Theatre may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Theatre requires that students complete five courses for a total of 15 credits.

Required classes (6 credits)

Complete two required classes

- THEA 0100 - THEATRE PRACTICUM: BASIC STAGECRAFT
- THEA 0104 - BASIC ACTING

Introduction to Theater Arts (3 credits)

Complete one of the following:

- THEA 0805 - INTRODUCTION TO THEATRE ARTS - PART 1 OR
- THEA 0806 - INTRODUCTION TO THEATRE ARTS - PART 2

Two additional THEA courses (6 credits)

Complete two additional THEA courses, one of which must have a prerequisite.

Total Credits: 15

Each course for the Theater minor must be completed with a grade of C- or better.

Relocation Options

College of General Studies (Pittsburgh Campus)

Current undergraduate students at Pitt Greensburg:

- For students seeking guaranteed transfer relocation who have earned credits only from Pitt Greensburg, the normal requirement is for completion of forty-five credits at Pitt Greensburg, with a minimum GPA of 2.5.
- Transfer students who attended a regional campus must complete forty-five credits overall. A minimum of thirty credits must be completed at Pitt Greensburg. The minimum Grade Point Average is 2.5.

- Students with a 3.0 GPA, who would have been directly admissible to the Pittsburgh campus as freshmen, may be considered for relocation with fewer than the above number of college credits.
- You must have completed the Algebra and Seminar in Composition requirements with a grade of C- or better.

If you meet these requirements, please complete an academic program change form with your current academic advisor or dean's office, who will forward the request to us for review. Once CGS receives and reviews your information, you will receive a final decision from CGS via your Pitt e-mail.

Dietrich School of Arts and Sciences (Pittsburgh Campus)

The following rules govern relocation to the Dietrich School of Arts and Sciences (Pittsburgh Campus).

Students who wish to transfer to the Pittsburgh campus to attend the Dietrich School of Arts and Sciences may apply for transfer by completing a Program Change form at the Pitt Greensburg Academic Advising office. Acceptance to the Dietrich School is guaranteed for students who meet the following requirements:

1. Completion of a total of 45 credits - at least 30 of the total 45 credits must be completed at Pitt Greensburg
2. Must have a minimum 3.0 overall GPA
3. Just have completed ENGCOMP 0020 (English Composition 2) and MATH 0031 (College Algebra) with a C- or better

Student Records will evaluate the student's transcript with respect to the above requirements and subsequently send an acceptance or rejection letter via United States mail and email.

Natural Sciences

Major

Biochemistry, BS

Biology Core 7 courses (16 credits)

- BIOSC 0170 - FOUNDATION OF BIOLOGY 1 &
- BIOSC 0070 - BIOLOGY LABORATORY 1
- BIOSC 0180 - FOUNDATIONS OF BIOLOGY 2 &
- BIOSC 0080 - BIOLOGY LABORATORY 2
- BIOSC 1810 - MACROMOLECULAR STRUCTURE AND FUNCTION
- BIOSC 1820 - METABOLIC PATHWAYS AND REGULATION
- BIOSC 1825 - BIOCHEMISTRY LABORATORY

Upper Level Biology Course 1 course (3 to 5 credits)

Choose one upper level course and lab (if applicable) from the courses listed below

- BIOSC 0350 - GENETICS
- BIOSC 1500 - CELL BIOLOGY &
- BIOSC 1510 - CELL BIOLOGY LABORATORY
- BIOSC 1520 - DEVELOPMENTAL BIOLOGY &
- BIOSC 1530 - DEVELOPMENTAL BIOLOGY LABORATORY
- BIOSC 1540 - COMPUTATIONAL BIOLOGY
- BIOSC 1850 - MICROBIOLOGY &
- BIOSC 1860 - MICROBIOLOGY LABORATORY
- BIOSC 1940 - MOLECULAR BIOLOGY &
- BIOSC 1950 - MOLECULAR GENETICS LABORATORY

Chemistry Core 8 courses (20 credits)

- CHEM 0110 - GENERAL CHEMISTRY 1 & Lab
- CHEM 0120 - GENERAL CHEMISTRY 2 & Lab
- CHEM 0310 - ORGANIC CHEMISTRY 1 &
- CHEM 0330 - ORGANIC CHEMISTRY LABORATORY 1
- CHEM 0320 - ORGANIC CHEMISTRY 2 &
- CHEM 0340 - ORGANIC CHEMISTRY LABORATORY 2
- CHEM 0250 - INTRODUCTION TO ANALYTICAL CHEMISTRY &
- CHEM 0260 - INTRODUCTION TO ANALYTICAL CHEMISTRY LAB
OR
- CHEM 1250 - INSTRUMENTAL ANALYSIS &
- CHEM 1255 - INSTRUMENTAL ANALYSIS LAB

Upper Level Chemistry Course 1-2 courses (3 to 5 credits)

Choose one upper level course and lab (if applicable) from the course listed below

- CHEM 1035 - INTRODUCTION TO ENVIRONMENTAL CHEMISTRY
- CHEM 1130 - INORGANIC CHEMISTRY
- CHEM 1311 - ADVANCED ORGANIC CHEMISTRY
- CHEM 1330 - MEDICINAL CHEMISTRY
- CHEM 1380 - TECHNIQUES OF ORGANIC RESEARCH *
- CHEM 1410 - PHYSICAL CHEMISTRY 1

* This course only counts for 2 of the total 3-5 credits

Other Required Science Courses 5 courses (18 credits)

- PHYS 0174 - BASIC PHYSICS, SCIENCE AND ENGINEERING 1 (INTEGRATED)
- PHYS 0175 - BASIC PHYSICS, SCIENCE AND ENGINEERING 2 (INTEGRATED) &
- PHYS 0212 - INTRODUCTION TO LABORATORY PHYSICS
- MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1
- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2

Additional Requirement 2 courses (6 credits)

Biochemistry majors must take the following sequence of courses to fulfill the capstone requirement:

- BIOSC 1960 - SCIENTIFIC WRITING
- BIOSC 1962 - BIOLOGY UNDERGRADUATE RESEARCH OR
- BIOSC 1963 - BIOLOGY RESEARCH - INDEPENDENT STUDY

Total Credits: 66 credits

Biological Sciences, BS

A Biological Sciences degree prepares students for graduate work in biology as well as for medical or dental school.

Core Courses 6 courses (14 credits)

- BIOSC 0170 - FOUNDATION OF BIOLOGY 1 and
- BIOSC 0070 - BIOLOGY LABORATORY 1
- BIOSC 0180 - FOUNDATIONS OF BIOLOGY 2 and
- BIOSC 0080 - BIOLOGY LABORATORY 2
- BIOSC 0350 - GENETICS
- BIOSC 1000 - BIOCHEMISTRY *

**With consent of a Faculty Advisor and a minimum QPA requirement, students may substitute the multi-course Biochemistry sequence of BIOSC 1810, 1820 and BIOSC 1825.*

Upper Level Courses - 13 credits

Students must take a minimum of two lecture/lab combinations.

Additional Upper Level Courses

COURSES WITH LAB

- BIOSC 1110 - HUMAN ANATOMY AND PHYSIOLOGY 1 and
- BIOSC 1111 - HUMAN ANATOMY AND PHYSIOLOGY LAB 1

- BIOSC 1115 - HUMAN ANATOMY AND PHYSIOLOGY 2 and
- BIOSC 1116 - ANATOMY AND PHYSIOLOGY LAB 2

- BIOSC 1385 - ECOLOGY AND ENVIRONMENT

- BIOSC 1275 - GENOMICS and
- BIOSC 1285 - GENOMICS LABORATORY

- BIOSC 1500 - CELL BIOLOGY and
- BIOSC 1510 - CELL BIOLOGY LABORATORY

- BIOSC 1520 - DEVELOPMENTAL BIOLOGY and
- BIOSC 1530 - DEVELOPMENTAL BIOLOGY LABORATORY

- BIOSC 1850 - MICROBIOLOGY and
- BIOSC 1860 - MICROBIOLOGY LABORATORY

- BIOSC 1940 - MOLECULAR BIOLOGY and
- BIOSC 1950 - MOLECULAR GENETICS LABORATORY

COURSES WITHOUT LAB

- BIOSC 1017 - EPIDEMIOLOGY
- BIOSC 1090 - INTRODUCTION TO BIOPSYCHOLOGY
- BIOSC 1150 - HISTORY OF EVOLUTIONARY THOUGHT
- BIOSC 1215 - INTRODUCTION TO NEUROSCIENCE
- BIOSC 1371 - ENVIRONMENTAL HEALTH
- BIOSC 1535 - SENSATION AND PERCEPTION
- BIOSC 1540 - COMPUTATIONAL BIOLOGY
- BIOSC 1730 - VIROLOGY
- BIOSC 1760 - IMMUNOLOGY
- BIOSC 1885 - INTRODUCTION TO MEDICINAL CHEMISTRY

Other Required Courses - 9 courses (24 credits)

- CHEM 0310 - ORGANIC CHEMISTRY 1 and
- CHEM 0330 - ORGANIC CHEMISTRY LABORATORY 1

- CHEM 0320 - ORGANIC CHEMISTRY 2 and
- CHEM 0340 - ORGANIC CHEMISTRY LABORATORY 2

- PHYS 0110 - INTRODUCTION TO PHYSICS 1

- PHYS 0111 - INTRODUCTION TO PHYSICS 2 and
- PHYS 0212 - INTRODUCTION TO LABORATORY PHYSICS

- MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1
- STAT 1000 - APPLIED STATISTICAL METHODS **

** With the consent of the Faculty Advisor, students may substitute MATH 0230 - Analytic Geometry and Calculus 2 for STAT 1000.

Additional Requirement - 2 courses (6 credits)

Biology majors must take the following sequence of courses to fulfill the capstone requirement:

- BIOSC 1960 - SCIENTIFIC WRITING
- BIOSC 1962 - BIOLOGY UNDERGRADUATE RESEARCH OR
- BIOSC 1963 - BIOLOGY RESEARCH - INDEPENDENT STUDY

Note: Prerequisites for courses are not shown.

Total Credits: 57

Chemistry, BS

A Bachelor of Science in Chemistry is an immensely versatile degree for Pitt-Greensburg students who wish to pursue careers in industry, business, communications, government, agricultural and food science, materials science, clinical science and environmental science. The degree also can lead to opportunities for graduate study in the health-related professions, particularly in the medical and dental fields, and opportunities for graduate study in chemistry, chemical engineering, biology and other sciences.

Basic Courses 14 courses (34 credits)

- CHEM 0110 - GENERAL CHEMISTRY 1
- CHEM 0120 - GENERAL CHEMISTRY 2
- CHEM 0250 - INTRODUCTION TO ANALYTICAL CHEMISTRY
- CHEM 0260 - INTRODUCTION TO ANALYTICAL CHEMISTRY LAB
- CHEM 0310 - ORGANIC CHEMISTRY 1
- CHEM 0320 - ORGANIC CHEMISTRY 2
- CHEM 0330 - ORGANIC CHEMISTRY LABORATORY 1
- CHEM 0340 - ORGANIC CHEMISTRY LABORATORY 2
- CHEM 1130 - INORGANIC CHEMISTRY
- CHEM 1250 - INSTRUMENTAL ANALYSIS
- CHEM 1255 - INSTRUMENTAL ANALYSIS LAB
- CHEM 1410 - PHYSICAL CHEMISTRY 1
- CHEM 1420 - PHYSICAL CHEMISTRY 2
- CHEM 1430 - PHYSICAL CHEMISTRY LABORATORY 1

Basic Math Courses 3 courses (12 credits)

- MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1
- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2
- MATH 0240 - ANALYTIC GEOMETRY AND CALCULUS 3

Basic Physics Courses 3 courses (10 credits)

- PHYS 0174 - BASIC PHYSICS, SCIENCE AND ENGINEERING 1 (INTEGRATED)
- PHYS 0175 - BASIC PHYSICS, SCIENCE AND ENGINEERING 2 (INTEGRATED)
- PHYS 0212 - INTRODUCTION TO LABORATORY PHYSICS

Science Elective Courses 1 course (2-4 credits)

- BIOSC 1000 - BIOCHEMISTRY
- BIOSC 1810 - MACROMOLECULAR STRUCTURE AND FUNCTION
- BIOSC 1820 - METABOLIC PATHWAYS AND REGULATION
- BIOSC 1825 - BIOCHEMISTRY LABORATORY
- CHEM 1035 - INTRODUCTION TO ENVIRONMENTAL CHEMISTRY
- CHEM 1275 - INTRODUCTION TO CHEMOMETRICS
- CHEM 1311 - ADVANCED ORGANIC CHEMISTRY
- CHEM 1330 - MEDICINAL CHEMISTRY
- CHEM 1380 - TECHNIQUES OF ORGANIC RESEARCH
- MATH 0250 - MATRIX THEORY & DIFFERENTIAL EQUATIONS
- MATH 1180 - LINEAR ALGEBRA 1
- STAT 1000 - APPLIED STATISTICAL METHODS

Additional Requirements 2 courses (5 credits)

Chemistry majors take the following sequence of courses to fulfill the capstone course requirement:

- CHEM 1702 - UNDERGRADUATE RESEARCH WRITING (*Spring of Junior Year*)
- CHEM 1710 - UNDERGRADUATE RESEARCH (*Fall of Senior Year*)

Total Credits: 63-65

Data Analytics, BS

The proposed Data Analytics major is intended as an interdisciplinary study that combines insights from computing and information science as well as mathematics and statistics. It is also intended as an applied discipline that gives equal emphasis to theory and practice.

Foundation Courses

Take all of the following:

- CS 0405 - PROGRAMMING USING PYTHON
- INFSCI 0010 - INTRODUCTION TO INFORMATION, SYSTEMS AND SOCIETY
- INFSCI 1022 - DATABASE MANAGEMENT SYSTEMS
- MATH 0280 - INTRO TO MATRICES & LINEAR ALG
- MATH 0400 - FINITE MATHEMATICS
- STAT 1000 - APPLIED STATISTICAL METHODS
- STAT 1221 - APPLIED REGRESSION
 - STAT - 1261 - PRINCIPLES OF DATA SCIENCE

Elective Courses

Take two of the following three courses:

- INFSCI 1068 - GEOSPATIAL INFORMATION SYSTEMS (GIS)
- INFSCI 1160 - DATA MINING

Experiential Courses

Take all three of the following courses:

- STAT 1900 - INTERNSHIP
 - STAT - ???? Practicum in Data Analytics
 - STAT - ???? Senior Capstone

Information Technology, BS

Being a valued member of an IT team means having an understanding of computing technology and information systems. In our program, you will go beyond the classroom, applying what you learn to real-world experience in the field.

Start with a foundation in programming, networking, database management, and information systems. Each topic you explore will equip you for your IT career. Maximize your skill set by mastering the set of courses in either the Cyber Security or Administration tracks.

Core Courses, 8 courses (24 credits)

- CS 0098 - DECISION MAKING WITH EXCEL
- INFSCI 0010 - INTRODUCTION TO INFORMATION, SYSTEMS AND SOCIETY
- CS 0421 - PROGRAMMING USING JAVA
- CS 0422 - ADVANCED PROGRAMMING USING JAVA
- INFSCI 1022 - DATABASE MANAGEMENT SYSTEMS
- INFSCI 1044 - HUMAN FACTORS IN SYSTEM DESIGN
- INFSCI 1055 - CLIENT/SERVER OPERATING SYSTEMS
- INFSCI 1057 - LINUX OPERATING SYSTEM
- INFSCI 1070 - INTRODUCTION TO TELECOMMUNICATIONS AND NETWORKS

Concentration - 12 credits - Cyber Security OR Administration

Cyber Security Concentration (12 credits)

- INFSCI 1053 - DIGITAL FORENSICS
- INFSCI 1058 - SERVER-SIDE WEB PROGRAMMING
- INFSCI 1074 - COMPUTER SECURITY
- INFSCI 1075 - NETWORK SECURITY

Administration Concentration (12 credits)

- INFSCI 1037 - INFORMATION TECHNOLOGY PROJECT MANAGEMENT
- INFSCI 1038 - MANAGEMENT INFORMATION SYSTEMS
- INFSCI 1044 - HUMAN FACTORS IN SYSTEM DESIGN
- INFSCI 1078 - ETHICS IN COMPUTING

Upper Level Electives (9 credits)

Choose three CS or INFSCI classes not used in the Core or Concentration.

Capstone Experience, 1 course (3 credits)

- INFSCI 1085 - INTERNSHIP

Total Credits: 48 credits

Note:

Information Technology students must complete all core, elective, related area, and capstone courses in the major with a grade of a C- or better.

Mathematics, Applied, BS

This course of studies enables students to learn the mathematics that is currently useful in business and industry. An industrial mathematician uses and adopts the mathematics necessary to attack problems of practical concern. Because students of Applied Mathematics become familiar with the problems of science and engineering, and because they are encouraged to elect some courses in computer science and engineering as part of their program of studies, they will be attractive to firms offering employment oriented toward those fields.

Core Courses 9 courses (31 credits)

- MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1
- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2
- MATH 0240 - ANALYTIC GEOMETRY AND CALCULUS 3
- MATH 0413 - INTRO THEORETICAL MATHEMATICS
- MATH 0420 - INTRO THEORY 1-VARIABLE CALCULUS
- MATH 1070 - NUMERICAL MATHEMATICAL ANALYSIS
- MATH 1180 - LINEAR ALGEBRA 1
- MATH 1270 - ORDINARY DIFFERENTIAL EQUATIONS 1

- MATH 1080 - NUMERICAL MATH: LINEAR ALGEBRA OR
- MATH 1100 - LINEAR PROGRAMMING OR
- MATH 1110 - INDUSTRIAL MATHEMATICS OR
- MATH 1360 - MODELING IN APPLIED MATH 1

Elective Courses 2 courses (6 credits)

Choose two courses:

- MATH 0430 - INTRO ABSTRACT ALGEBRAIC SYSTEMS
- MATH 1020 - APPLIED ELEMENTARY NUMBER THEORY
- MATH 1100 - LINEAR PROGRAMMING
- MATH 1110 - INDUSTRIAL MATHEMATICS
- MATH 1360 - MODELING IN APPLIED MATH 1
- MATH 1530 - ADVANCED CALCULUS 1
- MATH 1550 - VECTOR ANALYSIS AND APPLICATIONS
- MATH 1560 - COMPLEX VARIABLES & APPLICATIONS

Related Area 4 courses (12 credits)

Take 12 credits in Actuarial Science, Computer Science, Education, Statistics, or a pre-approved related area or approved self-designed set of courses. See an advisor for course requirements and further details.

A student may choose to do a minor in the above fields to substitute for the related area.

Additional Requirements 2 courses (3 credits)

Applied Mathematics majors take the following sequence of courses to fulfill the capstone course requirement:

- MATH 1951 - SENIOR RESEARCH 1 (Spring of Junior Year)
- MATH 1952 - SENIOR RESEARCH 2 (Fall of Senior Year)

Total Credits: 52

Required Science Courses 3 courses (11-12 credits)

Applied Mathematic majors must take the following courses as part of their General Education requirements.

- PHYS 0174 - BASIC PHYSICS, SCIENCE AND ENGINEERING 1 (INTEGRATED)
- PHYS 0175 - BASIC PHYSICS, SCIENCE AND ENGINEERING 2 (INTEGRATED)
- STAT 1000 - APPLIED STATISTICAL METHODS OR
- STAT 1151 - INTRODUCTION TO PROBABILITY

Natural Sciences Area, BS

The Natural Sciences area option allows students to meet their individual education needs by developing a major based on courses from several departments within the Natural Sciences Division. The selection of courses should reflect a theme or program that is developed in consultation with an Academic Advisor.

Core Requirements 12 courses (36 credits)

To satisfy the requirements for a Natural Sciences area major, students select one department in which they take five to six courses (15-18 credits) and two other departments in which they take three to four courses (8-12 credits) each for a minimum total of 36 credits. An **example** of a program of studies for a student who chooses Chemistry as the major department and Biological Sciences and Mathematics as the minor departments is shown below.

Chemistry

- CHEM 0250 - INTRODUCTION TO ANALYTICAL CHEMISTRY
- CHEM 0260 - INTRODUCTION TO ANALYTICAL CHEMISTRY LAB
- CHEM 0310 - ORGANIC CHEMISTRY 1
- CHEM 0330 - ORGANIC CHEMISTRY LABORATORY 1
- CHEM 0320 - ORGANIC CHEMISTRY 2
- CHEM 0340 - ORGANIC CHEMISTRY LABORATORY 2
- CHEM 1250 - INSTRUMENTAL ANALYSIS
- CHEM 1255 - INSTRUMENTAL ANALYSIS LAB

Biological Sciences

- BIOSC 0170 - FOUNDATION OF BIOLOGY 1
- BIOSC 0070 - BIOLOGY LABORATORY 1
- BIOSC 0180 - FOUNDATIONS OF BIOLOGY 2
- BIOSC 0080 - BIOLOGY LABORATORY 2

Mathematics

- MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1

- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2
- MATH 0400 - FINITE MATHEMATICS

Additional Requirements 1 or 2 courses (3-5 credits)

After earning 90 credits, all Natural Sciences Area majors must take the research course(s) offered in their major area of concentration to fulfill the capstone course requirement.

Note: Courses used to fulfill general education competencies cannot be used for any of the three areas of the Natural Sciences Area major.

Total Credits: 39

Nursing, BS

Full-time program combining rigorous academics and extensive clinical experience qualifying students to take the RN license exam and preparing them for both clinical practice and continued professional development and graduate training.

Science Courses, 4 courses (16 credits)

- CHEM 0910 - CHEMICAL PRINCPL HEALTH PROFESSN
- BIOSC 0950 - HUMAN ANATOMY AND PHYSIOLOGY 1 and
- BIOSC 0951 - HUMAN ANATOMY AND PHYSIOLOGY LABORATORY 1
- BIOSC 0970 - HUMAN ANATOMY AND PHYSIOLOGY 2 and
- BIOSC 0971 - HUMAN ANATOMY AND PHYSIOLOGY LAB 2
- BIOSC 0980 - MEDICAL MICROBIOLOGY and
- BIOSC 0981 - MEDICAL MICROBIOLOGY LAB

Humanities and Social Science Courses, 7 courses (21 credits)

- ENGCMP 0020 - COLLEGE COMPOSITION 2 *
- COMMRC 0520 - PUBLIC SPEAKING
- PSY 0010 - INTRODUCTION TO PSYCHOLOGY
- SOC 0010 - INTRODUCTION TO SOCIOLOGY
- **Humanities - one 3 credit course in Literature or the Arts**
- **Anthropology/Culture - one 3 credit course in American or Foreign culture**
- **Directed Elective - one 3 credit course chosen with advisor from approved list**

**The nursing curriculum assumes that students are prepared to enter College Composition 2 and have demonstrated math proficiency at the level of College Algebra. Students will be expected to make up any deficiencies prior to their first semester in the nursing program. See an admissions counselor or academic advisor for details.*

Nursing Courses, 23 courses (82-83 credits)

- NUR 0001 - FIRST YEAR SEMINAR
- NUR 0020 - PATHOPHYSIOLOGIC FOUNDATIONS OF NURSING CARE
- NUR 0051 - INTRODUCTION TO PROFESSIONAL NURSING
- NUR 0053 - INTRODUCTION TO INCLUSION, EQUITY, AND DIVERSITY IN HEALTH CARE
- NUR 0066 - NUTRITION FOR CLINICAL PRACTICE
- NUR 0067 - NURSING RESEARCH: AN INTRODUCTION TO CRITICAL APPRAISAL AND EVIDENCE-BASED PRACTICE
- NUR 0080 - FOUNDATIONS OF NURSING PRACTICE 1 and
- NUR 0090 - FOUNDATIONS OF NURSING PRACTICE 1 CLINICAL

- NUR 0081 - FOUNDATIONS OF NURSING PRACTICE 2
- NUR 0082 - NURSING MANAGEMENT OF ADULT WITH ACUTE/CHRONIC HEALTH PROBLEMS and
- NUR 0092 - NURSING MANAGEMENT OF ADULT WITH ACUTE/CHRONIC HEALTH PROBLEMS CLINICAL
- NUR 0086 - NURSING INFORMATICS
- NUR 0087 - PHARMACOLOGY AND THERAPEUTICS ACROSS THE LIFESPAN
- NUR 0088 - INTRODUCTION TO BASIC STATISTICS FOR EVIDENCE-BASED PRACTICE
- NUR 1050 - NURSING CARE OF MOTHERS, NEWBORNS AND FAMILIES and
- NUR 1057 - NURSING CARE OF MOTHERS, NEWBORNS AND FAMILIES CLINICAL
- NUR 1052 - NURSING CARE OF CHILDREN AND THEIR FAMILIES and
- NUR 1042 - NURSING CARE OF CHILDREN AND THEIR FAMILIES CLINICAL
- NUR 1085 - ETHICS IN NURSING AND HEALTH CARE
- NUR 1020 - ADVANCED NURSING MANAGEMENT OF THE ADULT WITH ACUTE/COMPLEX HEALTH PROBLEMS CLINICAL
- NUR 1121C - ADVANCED CLINICAL PROBLEM SOLVING CLINICAL
NUR 1212 Introduction to Healthcare Finance and Policy (Required for students in the class of 2024 and beyond.)
- NUR 1054 - NURSING CARE OF OLDER ADULTS
- NUR 1060 - NURSING CARE OF CLIENTS WITH PSYCHIATRIC MENTAL HEALTH PROBLEMS and
- NUR 1066 - NURSING CARE OF CLIENTS WITH PSYCHIATRIC MENTAL HEALTH PROBLEMS CLINICAL
- NUR 1100 - SPECIAL TOPICS
- NUR 1128 - COMMUNITY HEALTH NURSING
- NUR 1134 - TRANSITION INTO PROFESSIONAL NURSING PRACTICE and
- NUR 1135 - TRANSITION INTO PROFESSIONAL NURSING PRACTICE CLINICAL
- NUR 1138 - COMMUNITY HEALTH NURSING CLINICAL
- NUR 1680 - INTRODUCTION TO GENETICS AND MOLECULAR THERAPEUTICS
- NUR 1990 - SENIOR SEMINAR
- Baccalaureate Comprehensive Exam ***

*** Successful completion of the Baccalaureate Comprehensive Exam is required for all students in the senior year.

Psychology, BS

In the Fall of 2019, the Psychology, BS was re-classified from the Division of Natural Sciences to the Division of Behavioral Sciences. Students enrolled in the major prior to Fall 2019 will be able to complete the program in the Division of Natural Sciences. Students beginning in Fall 2019 will be in the Division of Behavioral Sciences.

Psychology is the scientific study of human behavior and deals with learning and motivation, perception, development and adjustment of human personality, social relations, and methods of research used in analyzing human behavior. Practicum and research experiences are available to qualified students

Introductory Course 1 course (3 credits)

- PSY 0010 - INTRODUCTION TO PSYCHOLOGY

Core Courses 3 courses (9 credits)

Take three of the following courses:

- PSY 0105 - INTRODUCTION TO SOCIAL PSYCHOLOGY
- PSY 0160 - PSYCHOLOGY OF PERSONALITY * *Req. for Clinical/Counseling Focus*
- PSY 0310 - DEVELOPMENTAL PSYCHOLOGY
OR
- PSY 0311 - LIFESPAN DEVELOPMENT * *0310/0311 Required for Clinical/Counseling Focus*
- PSY 0410 - HUMAN COGNITION
- PSY 0205 - PSYCHOPATHOLOGY
OR
- PSY 1205 - ABNORMAL PSYCHOLOGY * *0205/1205 Required for Clinical/Counseling Focus*

Research Courses 2 courses (8 credits)

- PSY 0032 - RESEARCH METHODS 1
One of the following:
- PSY 0330 - EXPERIMENTAL CHILD OR
- PSY 0402 - EXPERIMENTAL LEARNING

Electives 5 courses (15 credits)

Five additional Psychology courses.

PSY 0004 Psychology Career Planning Seminar is highly recommended for Psychology majors with 30 or more credits.

Only two of the following courses may be applied toward the Psychology major - 1910, 1912, 1913, 1920, 1972.

Electives for the Clinical/Counseling Focus

Students who choose to pursue the Clinical/Counseling Focus will select three of the following courses plus any two additional psychology courses for a total of 15 credits..

- PSY 0186 - CROSS CULTURAL PSYCHOLOGY
- PSY 1035 - DRUGS AND BEHAVIORS
- PSY 1056 - FORENSIC PSYCHOLOGY
- PSY 1210 - INTRODUCTION TO CLINICAL PSYCHOLOGY
- PSY 1215 - HEALTH PSYCHOLOGY
- PSY 1252 - INDIVIDUAL COUNSELING AND THERAPY

Additional Requirements 1 course (3 credits)

After earning 90 credits, all Psychology majors must take PSY 1925 - SENIOR THESIS, to fulfill the capstone class requirement.

General Education Requirements

Psychology majors must take the following as part of their General Education Requirements.

- STAT 0200 - BASIC APPLIED STATISTICS

Total Credits: 38

Minor

Actuarial Science Minor

Students interested in Actuarial Science may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Actuarial Science requires that students complete nine courses for a total of 30 credits. However, a number of the requirements will overlap with those for the majors reducing the number of new credits for the minor. See the table below for details on how courses will be allocated to general education, major and minor for math, management and other majors. Each course for the Actuarial Science minor must be completed with a grade of C- or better.

Requirements 9 courses (30 credits)

Complete two courses in Economics to fulfill the social science (SS) requirement in General Education:

- ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY
- ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY

Complete the following Math and Statistics courses:

- MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1
- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2
- STAT 1000 - APPLIED STATISTICAL METHODS
- STAT 1151 - INTRODUCTION TO PROBABILITY
- STAT 1152 - INTRODUCTION TO MATHEMATICAL STATISTICS

Complete two courses in Management:

- MGMT 0022 - FINANCIAL ACCOUNTING
- MGMT 1821 - INTRODUCTION TO FINANCE

Note:

MAJOR				
Course		Math	Management/ACCT/MIS	Other
ECON 0100	Intro to Microeconomic Theory	General Ed/Minor	General Ed/Minor	General Ed/Minor
ECON 0110	Intro to Macroeconomic Theory	General Ed/Minor	General Ed/Minor	General Ed/Minor
MATH 0220	Analytic Geometry and Calculus 1	Major	Major*	General Ed
MATH 0230	Analytic Geometry and Calculus 2	Major	Minor	General Ed
STAT 1000	Applied Statistical Methods	Major	Major**	Minor
STAT 1151	Introduction to Probability	Minor	Minor	Minor
STAT 1152	Introduction to Mathematical Statistics	Minor	Minor	Minor

MGMT 0022	Financial Accounting	Minor	Major	Minor
MGMT 1821	Introduction to Finance	Minor	Major	Minor
		18 Minor Credits	16 Minor Credits	22 Minor Credits

*Substitute MATH 0120 for MATH 0220 in Management, Management-Accounting, and Management Information Systems Majors.

**Substitute STAT 1100 (4 credits) for STAT 1000 (4 credits) in Management, Management-Accounting, and Management Information Systems Majors.

STAT 1221, Applied Regression, is not required, but highly recommended.

Total Credits: 30

Applied Mathematics Minor

Students interested in Applied Mathematics may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Mathematics requires students to take five courses for a total of 17 credits.

Calculus Sequence

Students must take Calculus 2 and Calculus 3.

- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2
- MATH 0240 - ANALYTIC GEOMETRY AND CALCULUS 3

Math Electives

Students must take one MATH course numbered 0250* or higher (excluding MATH 1230) and two MATH courses from the following list:

- MATH 1070
- MATH 1100
- MATH 1110
- MATH 1180
- MATH 1270
- MATH 1360

*Students cannot get credit for both MATH 0250, and any of MATH 0280, MATH 1180, or MATH 1270. Students cannot get credit for both MATH 280 and MATH 1180

- MATH 0280 - INTRO TO MATRICES & LINEAR ALG
- MATH 0400 - FINITE MATHEMATICS
- MATH 0413 - INTRO THEORETICAL MATHEMATICS
- MATH 0420 - INTRO THEORY 1-VARIABLE CALCULUS
- MATH 0430 - INTRO ABSTRACT ALGEBRAIC SYSTEMS
- MATH 1001 - MATHEMATICAL COMPUTING
- MATH 1020 - APPLIED ELEMENTARY NUMBER THEORY
- MATH 1070 - NUMERICAL MATHEMATICAL ANALYSIS
- MATH 1080 - NUMERICAL MATH: LINEAR ALGEBRA
- MATH 1100 - LINEAR PROGRAMMING

- MATH 1110 - INDUSTRIAL MATHEMATICS
- MATH 1180 - LINEAR ALGEBRA 1
- MATH 1270 - ORDINARY DIFFERENTIAL EQUATIONS 1
- MATH 1290 - TOPICS IN GEOMETRY
- MATH 1360 - MODELING IN APPLIED MATH 1
- MATH 1410 - INTRODUCTION FOUNDATIONS OF MATHEMATICS
- MATH 1470 - PARTIAL DIFFERENTIAL EQUATIONS 1
- MATH 1530 - ADVANCED CALCULUS 1
- MATH 1550 - VECTOR ANALYSIS AND APPLICATIONS
- MATH 1560 - COMPLEX VARIABLES & APPLICATIONS
- MATH 0250 - MATRIX THEORY & DIFFERENTIAL EQUATIONS

Total Credits: 17

Biology Minor

Students interested in Biology may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Biology requires that students complete a minimum of 16 credits of lectures and labs of which 10 credits may be used to satisfy General Education requirements.

Requirements

Complete the following lectures and labs (eight credits) to fulfill the Natural Science Sequence requirement in General Education:

- BIOSC 0170 - FOUNDATION OF BIOLOGY 1
- BIOSC 0070 - BIOLOGY LABORATORY 1
- BIOSC 0180 - FOUNDATIONS OF BIOLOGY 2
- BIOSC 0080 - BIOLOGY LABORATORY 2

Additional

Complete two to three more courses in Biology from the following list (8-9 additional credits depending on choices):

COURSES WITH LABS

- BIOSC 1110 - HUMAN ANATOMY AND PHYSIOLOGY 1 &
- BIOSC 1111 - HUMAN ANATOMY AND PHYSIOLOGY LAB 1
- BIOSC 1115 - HUMAN ANATOMY AND PHYSIOLOGY 2 &
- BIOSC 1116 - ANATOMY AND PHYSIOLOGY LAB 2
- BIOSC 1385 - ECOLOGY AND ENVIRONMENT
- BIOSC 1275 - GENOMICS &
- BIOSC 1285 - GENOMICS LABORATORY
- BIOSC 1500 - CELL BIOLOGY &
- BIOSC 1510 - CELL BIOLOGY LABORATORY
- BIOSC 1520 - DEVELOPMENTAL BIOLOGY &
- BIOSC 1530 - DEVELOPMENTAL BIOLOGY LABORATORY

- BIOSC 1850 - MICROBIOLOGY &
- BIOSC 1860 - MICROBIOLOGY LABORATORY
- BIOSC 1940 - MOLECULAR BIOLOGY &
- BIOSC 1950 - MOLECULAR GENETICS LABORATORY

Note: Lectures and laboratory combos must be taken together in the same term. You are not permitted to only take the lecture without taking the laboratory. Some assignments crossover both the lecture and the lab.

COURSES WITHOUT LABS

- BIOSC 1017 - EPIDEMIOLOGY
- BIOSC 1090 - INTRODUCTION TO BIOPSYCHOLOGY
- BIOSC 1150 - HISTORY OF EVOLUTIONARY THOUGHT
- BIOSC 1215 - INTRODUCTION TO NEUROSCIENCE
- BIOSC 1371 - ENVIRONMENTAL HEALTH
- BIOSC 1540 - COMPUTATIONAL BIOLOGY
- BIOSC 1730 - VIROLOGY
- BIOSC 1760 - IMMUNOLOGY
- BIOSC 1885 - INTRODUCTION TO MEDICINAL CHEMISTRY

Note

Each course for the Biology minor must be completed with a grade of C- or better.

Chemistry Minor

Students interested in Chemistry may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. Biology majors, who are already required to complete the general and organic chemistry sequences, would only need an additional six to eight credits to earn Chemistry minor. The minor in Chemistry requires that students complete eight courses and labs for a total of 22-24 credits. Eight of these credits may also be used to satisfy General Education requirements. The remaining 14-16 credits are in addition to any course used for General Education.

Requirements - Part A (8 credits)

Complete the following two courses (eight credits) to fulfill the Natural Science Sequence requirement in General Education.

- CHEM 0110 - GENERAL CHEMISTRY 1
- CHEM 0120 - GENERAL CHEMISTRY 2

Requirements - Part B (8 credits)

Complete the following lectures and labs for eight credits.

- CHEM 0310 - ORGANIC CHEMISTRY 1 &
- CHEM 0330 - ORGANIC CHEMISTRY LABORATORY 1
- CHEM 0320 - ORGANIC CHEMISTRY 2 &
- CHEM 0340 - ORGANIC CHEMISTRY LABORATORY 2

Additional Requirements (6-8 credits in Chemistry or Biochemistry)

- CHEM 0250 - INTRODUCTION TO ANALYTICAL CHEMISTRY &
- CHEM 0260 - INTRODUCTION TO ANALYTICAL CHEMISTRY LAB
- CHEM 1035 - INTRODUCTION TO ENVIRONMENTAL CHEMISTRY
- CHEM 1130 - INORGANIC CHEMISTRY
- CHEM 1250 - INSTRUMENTAL ANALYSIS &
- CHEM 1255 - INSTRUMENTAL ANALYSIS LAB
- CHEM 1275 - INTRODUCTION TO CHEMOMETRICS
- CHEM 1311 - ADVANCED ORGANIC CHEMISTRY
- CHEM 1330 - MEDICINAL CHEMISTRY
- CHEM 1380 - TECHNIQUES OF ORGANIC RESEARCH
- CHEM 1410 - PHYSICAL CHEMISTRY 1
- CHEM 1420 - PHYSICAL CHEMISTRY 2
- CHEM 1430 - PHYSICAL CHEMISTRY LABORATORY 1
- CHEM 1720 - UNDERGRAD TEACHING EXPERIENCE (1 credit maximum)
- BIOSC 1580 - BIOCHEMISTRY SEMINAR
- BIOSC 1810 - MACROMOLECULAR STRUCTURE AND FUNCTION *
- BIOSC 1820 - METABOLIC PATHWAYS AND REGULATION *
- BIOSC 1825 - BIOCHEMISTRY LABORATORY

Note:

*Biology students cannot use Biology classes as part of their 6-8 credits. The minor in Chemistry requires that students complete eight courses and labs for a total of 22-24 credits. Eight of these credits may also be used to satisfy General Education requirements. The remaining 14-16 credits are in addition to any course used for General Education.

Total Credits: 22-24

Computer Science Minor

Students interested in Computer Science may choose to pursue a minor either to supplement the work in their major or to fulfill the requirements for a related area within their major. The minor in Computer Science requires that students complete five courses for a total of 15 credits. Three of the credits may also be used to satisfy Natural Science (NS2) requirements for General Education.

3 core courses (9 credits)

- CS 0446 - INTRODUCTION TO COMPUTER SCIENCE CONCEPTS
- CS 0421 - PROGRAMMING USING JAVA
- CS 0422 - ADVANCED PROGRAMMING USING JAVA

Additional Credits

Choose two courses from the list below:

- CS 0405 - PROGRAMMING USING PYTHON
- CS 0441 - DISCRETE STRUCTURES FOR CS
- CS 0445 - ALGORITHMS AND DATA STRUCTURES 1
- CS 0447 - COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE
- HUMAN 1030 - DIGITAL HUMANITIES
- HUMAN 1050 - DIGITAL HUMANITIES: CODING AND DATA VISUALIZATION
- INFSCI 1022 - DATABASE MANAGEMENT SYSTEMS

- INFSCI 1055 - CLIENT/SERVER OPERATING SYSTEMS
- INFSCI 1073 - APPLICATION DEVELOPMENT FOR MOBILE DEVICES

Total Credits: 15

Each course for the Computer Science minor must be completed with a grade of C- or higher.

NOTE: Courses needed to satisfy the Information Technology major requirements, with the exception of CS 0421 and CS 0422, cannot be used to satisfy the Computer Science minor.

Mathematics Minor

Students interested in Mathematics may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Mathematics requires students to take five courses for a total of 17 credits.

Calculus Sequence

Students must take Calculus 2 and Calculus 3.

- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2
- MATH 0240 - ANALYTIC GEOMETRY AND CALCULUS 3

Math Electives

Students must take one MATH course numbered 0250* or higher (excluding MATH 1230) and two MATH courses numbered 1000 or higher (excluding MATH 1230).

*Students cannot get credit for both MATH 0250, and any of MATH 0280, MATH 1180, or MATH 1270. Students cannot get credit for both MATH 280 and MATH 1180.

- MATH 0250 - MATRIX THEORY & DIFFERENTIAL EQUATIONS
- MATH 0280 - INTRO TO MATRICES & LINEAR ALG
- MATH 0400 - FINITE MATHEMATICS
- MATH 0413 - INTRO THEORETICAL MATHEMATICS
- MATH 0420 - INTRO THEORY 1-VARIABLE CALCULUS
- MATH 0430 - INTRO ABSTRACT ALGEBRAIC SYSTEMS
- MATH 1001 - MATHEMATICAL COMPUTING
- MATH 1020 - APPLIED ELEMENTARY NUMBER THEORY
- MATH 1070 - NUMERICAL MATHEMATICAL ANALYSIS
- MATH 1080 - NUMERICAL MATH: LINEAR ALGEBRA
- MATH 1100 - LINEAR PROGRAMMING
- MATH 1110 - INDUSTRIAL MATHEMATICS
- MATH 1180 - LINEAR ALGEBRA 1
- MATH 1270 - ORDINARY DIFFERENTIAL EQUATIONS 1
- MATH 1290 - TOPICS IN GEOMETRY
- MATH 1360 - MODELING IN APPLIED MATH 1
- MATH 1410 - INTRODUCTION FOUNDATIONS OF MATHEMATICS
- MATH 1470 - PARTIAL DIFFERENTIAL EQUATIONS 1
- MATH 1530 - ADVANCED CALCULUS 1
- MATH 1550 - VECTOR ANALYSIS AND APPLICATIONS
- MATH 1560 - COMPLEX VARIABLES & APPLICATIONS

Total Credits: 17

Psychology Minor

Students interested in Psychology may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Psychology requires that students complete five three-credit courses for a total of 15 credits.

Requirements: 5 courses (15 credits)

- PSY 0010 - INTRODUCTION TO PSYCHOLOGY
- Complete four additional three-credit PSY courses.

Total Credits: 15

Each course for the Psychology minor must be completed with a grade of C- or better.

Statistics Minor

Students interested in Statistics may choose to pursue a minor either to supplement the work in their majors or to fulfill the requirements for a related area within their majors. The minor in Statistics requires that students complete five courses for a total of 16 credits in statistics.

Requirements: 3 courses

Complete the following courses:

- STAT 0200 - BASIC APPLIED STATISTICS OR
 - STAT 1000 - APPLIED STATISTICAL METHODS OR
 - STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT
- AND
- STAT 1221 - APPLIED REGRESSION
- AND
- STAT 1900 - INTERNSHIP

Statistics Minor Electives

Complete two of the following courses.

- STAT 1151 - INTRODUCTION TO PROBABILITY
- STAT 1152 - INTRODUCTION TO MATHEMATICAL STATISTICS
- STAT 1251 - STATISTICAL QUALITY CONTROL
- STAT 1261 - PRINCIPLES OF DATA SCIENCE
- STAT 1955 - UNDGR TCHNG UNDGR INTERNSHIP
- SOCSCI 0200 - RESEARCH METHODS IN THE SOCIAL SCIENCES
- SOCSCI 1040 - PROGRAM EVALUATION
- BIOSC 1017 - EPIDEMIOLOGY
- CHEM 1275 - INTRODUCTION TO CHEMOMETRICS

Relocation Options

Engineering (Pittsburgh Campus)

Engineering students complete the freshmen engineering curriculum at Pitt Greensburg and then relocate to either the Swanson School of Engineering (Pittsburgh campus) or the Engineering Program (Johnstown campus).

To be eligible for relocation, students must fulfill the following: (1) completion of 34 credits at Pitt Greensburg with a minimum GPA of 3.0, (2) completion of all first-year engineering courses listed below with no grade less than C, and (3) the presentation of a satisfactory high school record with respect to selection of courses and test results. Bioengineering maintains an entrance standard GPA of 3.5.

Engineering students must also complete the following courses in the freshmen engineering curriculum with a 3.0 GPA and no individual course grade below a C:

Required Courses

- MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1
- MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2
- CHEM 0110 - GENERAL CHEMISTRY 1
- CHEM 0120 - GENERAL CHEMISTRY 2
- PHYS 0174 - BASIC PHYSICS, SCIENCE AND ENGINEERING 1 (INTEGRATED)
- PHYS 0175 - BASIC PHYSICS, SCIENCE AND ENGINEERING 2 (INTEGRATED)
- ENGR 0015 - INTRODUCTION TO ENGINEERING ANALYSIS
- ENGR 0016 - INTRODUCTION TO ENGINEERING COMPUTING
- ENGR 0081 - FRESHMAN ENGINEERING SEMINAR 1
- ENGR 0082 - FRESHMAN ENGINEERING SEMINAR 2
- ENGCOMP 0010 - COLLEGE COMPOSITION 1
- ENGCOMP 0020 - COLLEGE COMPOSITION 2

In order to complete the freshman engineering curriculum in two semesters, students must be eligible to take calculus in the first semester. Engineering students who do not place in calculus should consider taking prerequisite math classes during the summer or plan to enroll in courses in the summer following their freshman year or remain at Pitt Greensburg through their sophomore year.

School of Health and Rehabilitation Science (Pittsburgh Campus)

Students interested in Athletic Training, Clinical Dietetics and Nutrition, Communication Science and Disorders, Emergency Medicine, Health Information Management, and Rehabilitation Science should complete two years of study at Pitt-Greensburg before relocating to the Pittsburgh campus. The above programs are junior-senior programs that admit students after they have successfully completed 60 credits. As part of the relocation process, students must apply on a competitive basis for admission to the School of Health and Rehabilitation Sciences.

The required courses during the first two years differ for each of the School of Health and Rehabilitation Sciences majors, but typically include courses in biology, chemistry, statistics, and psychology as well as general education courses in composition, mathematics, and public speaking. See the lists below for details.

Students will be expected to maintain a minimum GPA of 2.50 and earn at least a C- in all required courses unless otherwise noted. Interested students should consult with their academic advisors during the first semester at Greensburg about course selection and relocation procedures. Information on School of Health and Rehabilitation Sciences majors may also be found at www.shrs.pitt.edu.

- Athletic Training
- Nutrition Science
- Communication Science
- Emergency Medicine
- Health Information Management
- Rehabilitation Science

School of Pharmacy (Pittsburgh Campus)

The pharmacy program at the University of Pittsburgh is a six-year program leading to a Doctor of Pharmacy degree (PharmD). After two years of pre-pharmacy courses at Pitt-Greensburg, pharmacy students continue for four additional years in the School of Pharmacy (Pittsburgh campus). Students who qualify based on SAT scores and high school grades at the time they are admitted to Pitt-Greensburg are guaranteed admission to the School of Pharmacy as long as they maintain a GPA of 3.25 in required math and science courses and an overall GPA of 3.25. Those who are not guaranteed admission to the School of Pharmacy at the time they are admitted to Greensburg may still follow the pre-pharmacy curriculum and then apply for admission on a competitive basis. The following pre-pharmacy courses should be taken at Greensburg:

Requirements

In order to have your application materials accepted for review, you must first meet the eligibility requirements outlined below. In the application materials you will be asked to provide verification that you are eligible. Applicants who do not meet these requirements, or who are unable to provide the verification necessary, will not be considered for admission; and their applications will be administratively canceled. There are no exceptions to these requirements.

Open Admission

All other students admitted to the program compete for space in the class. The requirements to be considered a competitive applicant for the School of Pharmacy's professional program are:

- completion of the preprofessional requirements
- overall GPA of 3.0
- science GPA of 3.0
- completion of the PharmCAS Application
- completion of the Supplemental Application
- submission of the Pharmacy College Admissions Test (PCAT) with a score in the 70%
- selected applicants will be required to participate in the interview process (interviews are by invitation only)

All pre-professional courses must be obtained from an accredited USA institution for a letter grade Pass/fail, online, distance learning, CLEP, and foreign courses are not accepted.

All prerequisites must be satisfied under the guidelines set forth by the Academic Prerequisite Record (part of the online application). All prerequisite mathematics and science subjects must be completed no later than the spring term of the year of admission. All other preprofessional courses should be completed no later than August 20. All required courses must be taken for a letter grade. Pass/fail, online, distance learning, CLEP, and foreign courses are not accepted. Grades lower than a letter grade of a C are non-transferable from institutions other than the University of Pittsburgh.

Advanced Placement Tests

Some prerequisites may also be met through the Advanced Placement Test offered through The College Board and Educational Testing Services (ETS). These are the only placement tests accepted toward prerequisites. CLEP credits are not accepted.

All students should be able to utilize word processing and spreadsheet software. Students unfamiliar with these basic computer applications should complete a computer literacy course.

Courses and Credits

Pre-professional courses (pre-professional courses) must be successfully completed prior to entry into the professional program. The assistant dean of students and School registrar must approve any exceptions to this policy.

Transfer of 62 pre-requisite credits (pre-professional course requirements): After acceptance into the PharmD Program, a student's records and credits must be transferred to the School of Pharmacy. These pre-professional courses are included in the credit requirements for graduation from the PharmD Program. These credits may be transferred from the College of Arts and Sciences at the University of Pittsburgh's Oakland campus, from a University of Pittsburgh regional campus or from an external institution to the School of Pharmacy. The School of Pharmacy's Registrar completes the credit transfers and validates that students have completed the required courses prior to beginning the first professional year. All pre-requisite courses must be taken for a letter grade and credits in which the students received a grade of "C" or better in college-level coursework that corresponds to a course in our curriculum in content and credit value are transferable from institutions other than the University of Pittsburgh. If the students attended school on a quarter system, their credits will be converted into semester credits. A quarter credit is equal to two-thirds of a semester credit (i.e., 5 quarter system credits = three semester credits or 3 quarter system credits = two semester credits).

Advanced Placement (AP/IB) Courses and Credit: The School of Pharmacy also accepts Advanced Placement credits based on the University of Pittsburgh's guidelines. Credits for most AP Courses require scores of 4 or 5 on the Advanced Placement exams, although there are a few courses where college credits may be earned with a score of 3. The complete list of AP Courses, scores and college credits are found in (www.as.pitt.edu/undergraduate/advising/pdf/apcredit.pdf).

- Upon admission, If you are transferring from another institution please send your official Advanced Placement test scores to: **School of Pharmacy, 229 Salk Hall, Pittsburgh, PA 15261.**
- If you cannot find a copy of your scores, please contact the College Board at 1-888-call4AP (1-888-225-5427) for a Score report to be sent to your home.
 - Scores sent to your home are free and may be requested (to home) as many times as needed.
 - Scores sent to an institution will cost \$15 - \$25.

Course Information

Special Courses

Pitt-Greensburg offers a variety of special courses that students may use to enhance their educational experience. The special courses include independent studies, internships, excellence courses, study abroad courses, and capstone courses. Most of the special courses are optional, but for some majors (e.g. criminal justice) an internship is required, and the capstone course is required of all majors.

An **independent study** allows a student to explore a topic for which no course is available at Pitt-Greensburg or extend the exploration of a topic begun in a regular course. To arrange for an independent study, a student must find a faculty sponsor and work with the sponsor to develop a course plan. Independent study courses are available in every department. See an advisor for more details.

Internships allow students to earn credits toward graduation while gaining on-the-job experience in their majors. An internship is required in some majors (e.g. criminal justice and the journalism track in English writing), but it is available as an elective in most majors. Students are expected to find their own internship opportunities, but faculty advisors and the Office of Career Services may be aware of employers looking for interns and can provide suggestions about seeking an internship. Some departments ask students to complete an internship application. See a faculty advisor for more information.

Pitt-Greensburg students have an opportunity to study abroad in a country/region of their choice. Academic credits are earned while abroad and will transfer directly back into the student's academic degree requirements. See the study abroad coordinator for more information.

As part of the new Pitt-Greensburg curriculum that took effect in fall 1999, every Pitt-Greensburg student must complete a senior seminar or a senior project as a capstone to the work in the major program. The faculty views the **capstone course** as a significant enhancement to the UPG degree program because it provides students with the opportunity to bring together the themes and skills of the major. Capstone work typically involves research and both written and oral reports.

Departmental Course Listings

Please note, when searching courses by Catalog Number, an asterisk () can be used to return mass results. For instance a Catalog Number search of " 1* " can be entered, returning all 1000-level courses.*

Anthropology

ANTH 0455 - DIVERSITY IN THE US

Minimum Credits: 3

Maximum Credits: 3

Who is an American? What does it mean to be American? What are the issues surrounding education as practice and as policy in the varied social context of the U.S.? This course explores the multi-layered and overlapping fields of identity in the United States from an anthropological perspective. Underpinning the various topics in the course are understandings of the interplay of culture (including language), power, and history. The particular fields that we shall examine include ethnicity, race, gender and sexualities, and class to better gain insight into the very meaning of the term "diversity" in the lives of "Americans."

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ANTH 0582 - INTRODUCTION TO ARCHEOLOGY

Minimum Credits: 3

Maximum Credits: 3

Examines the nature of modern archaeological research. Lectures look at how archaeologists work in the field, their analytic techniques, and some of the principal methodological and theoretical problems facing the field. Specific examples are used to illustrate these topics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

ANTH 0680 - INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course is designed to introduce the undergraduate to the issues, theories and methods of biological anthropology. Beginning with a consideration of evolutionary, genetic and geologic principles, the course goes on to consider, the diversity of fossil and extant primates, including humans. Issues in anatomy, paleontology and behavior will all be addressed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

ANTH 0770 - INTRODUCTION TO ANTHROPOLOGY 1: BIOLOGICAL/PHYSICAL ANTHROPOLOGY AND ARCHAEOLOGY

Minimum Credits: 3

Maximum Credits: 3

Anthropology is the integrative study of who we are and where we come from. Anthropologists study all aspects of humans-including our evolution, our cultures, our languages, our histories, our entanglements with other living organisms, our health, our genetics, and so on. This course is a general introduction to the four fields of anthropology that looks at how anthropologists understand the cultural and physical aspects of humankind, past and present, across the world. This first part of a two semester course introduces the sub-disciplines of biological (aka physical) anthropology and archaeology. It addresses our primate origins and subsequent skeletal and biological evolution leading to an understanding of our bio-cultural selves today. The course also examines the development of culture through the study of artefacts (manufactured remains) of past human societies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ANTH 0771 - INTRODUCTION TO ANTHROPOLOGY 2: LINGUISTIC ANTHROPOLOGY AND SOCIOCULTURAL ANTHROPOLOGY

Minimum Credits: 3

Maximum Credits: 3

Anthropology is the integrative study of who we are and where we come from. Anthropologists study all aspects of humans-including our evolution, our cultures, our languages, our histories, our entanglements with other living organisms, our health, our genetics, and so on. This course is a general introduction to the four fields of anthropology that looks at how anthropologists understand the cultural and physical aspects of humankind, past and present, across the world. This second part of a two semester course introduces the sub-disciplines of linguistic anthropology and sociocultural anthropology. It examines the nature and characteristics of human language, with an emphasis on language in context (sociolinguistics). In sociocultural anthropology, the course focuses on the ways in which humans negotiate and give form and meaning to their world, as groups and as individuals, through the workings of their respective cultures. It examines livelihoods, kinship, religion, political systems, culture change, etc. in the holistic and cross-culturally comparative approach of anthropology that emphasizes similarities in humankind.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ANTH 0780 - INTRODUCTION TO CULTURAL ANTHROPOLOGY

Minimum Credits: 3

Maximum Credits: 3

By examining the behavior and customs of peoples throughout the world, the course considers what it means to be human. We will describe the patterns of marriage, family organization, warfare and political behavior, economic systems, rituals, etc., Of other peoples, especially those of tribal societies, and compare these with American social patterns. Anthropological films and slide presentations will supplement lectures.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Asian Studies, Childrens Literature, DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Social Science General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

ANTH 1030 - INDIA THROUGH ITS FILM

Minimum Credits: 3

Maximum Credits: 3

This course explores the portrayal of Indian cultures and society through the popular medium of art and commercial feature films over time. Topics such as gender roles, class, family, caste, secularism, religion and morality, urban and rural life, communalism and violence, colonialism, and nationalism will be analyzed in conjunction with anthropological readings on these topics. Films are subtitled.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ANTH 1110 - ANTHROPOLOGICAL THEORY

Minimum Credits: 3

Maximum Credits: 3

What are people like? What motivates them? How is "culture" constituted? How do we study culture, past and present? What might be the distinctions between culture and society in approaches to the study of human behavior? To what extent is human behavior comparable and universal? This course seeks to address these questions by examining the development of theory in anthropology from its 19th century roots to the present. We shall do this by looking at some major paradigms (evolution, structuralism, processualism, post structuralism, etc.) And methodologies that have shaped the cultural component of anthropology (sociocultural anthropology and archaeology) as we find it today. This course is required for students in the sociocultural track, and is recommended for students in the archaeology track.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0770 and ANTH 0771; PLAN: Anthropology major; LVL: Junior or greater

ANTH 1220 - CLIMATE CHANGE AND THE HUMAN CHALLENGE

Minimum Credits: 3

Maximum Credits: 3

Drought and famine in the horn of Africa, the affected wine industry in France, loss of islands in the South Pacific, the opening of Arctic Seas. Environments in flux present us with dilemmas that span the spectrum of human life, from sheer survival to economic 'windfalls.' This course explores some of the issues related to shifting climate in various regions in the world today. It examines the impacts, consequences, and 'solutions' for human populations and environments, with a focus on the differing worldviews/cultures at play in connection with things economic, political, and ethical.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ANTH 1310 - MIGRATION AND DIASPORAS

Minimum Credits: 3

Maximum Credits: 3

The seemingly accelerated movement of peoples in today's world is an often misunderstood phenomenon, triggering political and socioeconomic anxieties for recipient localities (in both "internal" and "external" migrations). This course examines the situations, conditions, motivations, etc. Which initiate the various movements of peoples in different parts of the world and their experiences, from an anthropological and historical vantage.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Hourly Final

ANTH 1410 - REPRODUCTIVE POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course provides an overview of the cultural, social, and political dynamics that underpin reproductive choices and technologies cross-culturally. Some of the questions that are addressed in the course are: How is reproduction strategized? What are the inequalities of gender and class at play? Which types of technologies are utilized and accessible? What are the configurations and expectations of the family (however defined) and social roles? The course approaches the subject by using a limited number of detailed ethnographic case studies representing the range of "traditional" small-scale and technologically "advanced" large-scale societies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ANTH 1421 - GEOARCHAEOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course, available to advanced students in archeology, is designed to introduce geological principles, methods, and techniques employed in contemporary archeological research. Topics include a detailed study of agencies and environments of sediment deposition, soil formation processes, and paleo-environmental reconstructions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0582 and (ANTH 1525 or 1526)

ANTH 1445 - LANGUAGE AND CULTURE

Minimum Credits: 3

Maximum Credits: 3

Language is the primary means of communication among humans. It operates on multiple levels, verbal and non-verbal, social, and cultural. The first part of the course introduces the main components of human language such as phonology, morphology, syntax, semantics, and pragmatics. The second portion will focus on the connections between language and culture and the social contexts and forms (gender, class, etc.) in which language use occurs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ANTH 1481 - THE ANTHROPOLOGY OF DEATH

Minimum Credits: 3

Maximum Credits: 3

Death as process and as fact generates a plethora of practices, beliefs, and responses cross-culturally. This course explores aging and death by examining cultural meanings and social actions employed by various cultures in dealing with the end of life, from the vantage of both the dying and the living. Included will be issues of identity and transformation, relegation and ritual, as well as the material implications of death.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ANTH 1485 - THE LOCAL AND THE GLOBAL IN ANTHROPOLOGY

Minimum Credits: 3

Maximum Credits: 3

The contemporary 'global' world, so labeled due to an interlocked (thus, "independent") economy, bears with it an array of "dilemmas", confusions, and blurs of boundaries. Accelerated movements of peoples, cultures/ideas, labor/ work, diseases, etc., serve to transform human experience everywhere, and to bring into question notions of autonomy and identity in the world at large. Using anthropological insight and engagement, the course addresses the dynamic interaction between local cultures and globalization forces.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

ANTH 1490 - CROSS-CULTURAL POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course is a comparative examination of political behaviours in small-scale and large-scale societies through the anthropological holistic lens which sees things political as embedded in, and intertwined with, the likes of kinship, resources, economy, belief systems (religion), etc. The course approaches power as a problematic, and emphasizes agentive strategies at the individual and group levels. One of the continual and major issues in the course will be to address the dynamics between small-scale and local experience, with large-scale (read state and global) forces in some selected instances.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: Letter Grade

ANTH 1510 - SURVEY WORLD PREHISTORY

Minimum Credits: 3

Maximum Credits: 3

This basic course surveys the evolution of culture over the past two million years. Topics include the evolution of homo sapiens, development of agriculture, and rise of civilizations, from the perspectives of the old world and the Americas.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

ANTH 1525 - EASTERN NORTH AMERICAN ARCHEOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course deals with cultural development in the eastern United States from approximately 20,000 years ago to the period of European contact. Particular attention will be paid to man's adaptation to late pleistocene and holocene environments, the initial occupation of the region East of the Mississippi, the origins of agricultural systems and the rise of complex societies, including the Adena, Hopewell, and Mississippian manifestations.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: ANTH 0582
Course Attributes: SCI Polymathic Contexts: Global&Cross Cul GE. Req.

ANTH 1526 - WESTERN NORTH AMERICAN ARCHEOLOGY

Minimum Credits: 3

Maximum Credits: 3

The prehistory of Western North America is examined in detail from the initial peopling of the area to the period of historic contact. Special emphasis is given to the Paleo-Indian and archaic techno/subsistence stages in the arid portions of the West.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: ANTH 0582
Course Attributes: SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

ANTH 1534 - ARCHEOLOGICAL DATA ANALYSIS 1

Minimum Credits: 4

Maximum Credits: 4

An introduction to quantitative data analysis in archeology, this course covers basic principles of statistics, including exploratory analysis of batches, sampling, significance, t tests, analysis of variance, regression, chi-square, and estimating universe means and proportions from samples. The approach is practical, concentrating on understanding these principles so as to put them to work effectively in analyzing archeological data. Much of the statistical work is done by computer.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0582 and (ANTH 1525 or 1526)

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement

ANTH 1535 - BASIC ARCHEOLOGICAL FIELD TRAINING

Minimum Credits: 6

Maximum Credits: 6

The university of Pittsburgh field training program in archaeology is conducted at various locations. Features of the excavations include basic training in mapping, archaeological survey, excavation methods, soil analysis, data recording, and preliminary artifact analysis.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

ANTH 1540 - SPECIAL TOPICS IN ARCHEOLOGY

Minimum Credits: 3

Maximum Credits: 3

Topics covered vary greatly with instructor and term.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0582, ANTH 1525, ANTH 1526

Course Attributes: Global Studies

ANTH 1627 - PRIMITIVE TECHNOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course is designed to introduce advanced students in anthropology to experimental flintworking and lithic analysis used in contemporary archaeological research. As part of the detailed study of lithic technology it provides hands-on experience in all facets of replicative manufacture, use, and analysis of stone tools.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0582 and (ANTH 1525 or 1526 or 1626)

ANTH 1705 - SUPERNATURAL WORLDS: ANTHROPOLOGY OF RELIGION

Minimum Credits: 3

Maximum Credits: 3

The anthropology of religion endeavours to place things religious within the wider context of society and culture. This approach to religion is comparative, allowing for greater insights into the influences of religion in one's own social and cultural setting. The focus of the course is on systems of belief and practice, which occur on what is often referred to as the "margins" of society. Course will examine theories in the anthropology of religion and address specific topics such as 1) myth, symbol, and ritual; 2) magic, witchcraft, and divination; 3) healing and possession, etc.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ANTH 1707 - ENVIRONMENTAL DESIGNS: HUMAN HABITATS

Minimum Credits: 3

Maximum Credits: 3

What habitat is this? Whose habitat is it? This course explores the ecological relationships between humans and their variously constituted environments in terms of the exploitation and manipulation of "natural" resources, recognizing the co-dependent dynamics between the two. We shall examine some of the cross-cultural "designs" and understandings used by humans, through their cultural adaptations (technologies and cultural and social institutions), to negotiate these environments. Finally, we shall consider the proposal by some scholars to label our contemporary world as the Anthropocene ("Human Epoch").

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ANTH 1736 - NEWS OF THE WORLD

Minimum Credits: 1

Maximum Credits: 1

Students who wish to gain academic credit for attendance and participation in 'news of the world' may now do so. The format of the meetings will remain informal and continuous, and will be for 1 credit per term, for up to three credits for three (not necessarily contiguous) terms. Students who wish to register for credit will be evaluated on a minimum number of attended meetings, on participation and sharing, and on two write-ups. This course fulfills an international culture requirement.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

ANTH 1738 - GENDER PERSPECTIVES IN ANTHROPOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course analyzes gender perspectives in anthropology. Students are asked to consider how gender differences relate to women's and men's roles in productive labor, in property rights, and in family and kin relations. Special attention is given to the way gender and sexual difference are represented in culture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Gender, Sexuality & Women's St

ANTH 1760 - ANTHROPOLOGY OF LAW

Minimum Credits: 3

Maximum Credits: 3

This course examines anthropological analyses of law and law-like phenomena in a number of societies, including the United States. Particular attention is given to the various ways that disputes are resolved in different social and cultural settings, and to the theoretical analyses used to explain these differences.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

ANTH 1762 - HUMAN ECOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course explores the ecology of the human species. We will study how humans adapt to their physical and cultural environment, and the interrelationships between people and the environment. Topics discussed include evolution and adaptation, population growth and regulation, foraging and subsistence strategies and production decisions, population interactions and resource management, and energy and human society.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0780 + one other ANTH course

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

ANTH 1764 - CULTURES AND SOCIETIES OF INDIA

Minimum Credits: 3

Maximum Credits: 3

This course is designed to introduce students to the cultural history of India and to the culture and society of the modern country, concentrating on the description and analysis of modern Indian society. Topics to be covered include caste, kinship and marriage, village communities, law and society and politics in modern India.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Asian Studies, DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Diversity General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

ANTH 1767 - ETHNIC IDENTITIES

Minimum Credits: 3

Maximum Credits: 3

This course addresses the re-emergence of ethnicity as a/the major node of identity in the contemporary world. It examines, using an anthropological perspective, the meanings and the cultural, social, economic, political and historical dynamics of ethnic identity, its links with nationalism and "multiculturalism" with a focus on South Asia, Europe, and the United States.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ANTH 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 3

This course allows qualified students to develop highly personalized research projects in conjunction with a faculty sponsor. The student will have to develop a bibliography, outline an approach to the project, and devise a methodology. The project work products are agreed to by the student and the faculty sponsor. Typical products may be a report, paper, or other tangible result of the student's efforts.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0780 and one upper-level ANTH course

ANTH 1903 - DIRECTED RESEARCH-READINGS

Minimum Credits: 1

Maximum Credits: 3

Not all topics in anthropology can be adequately addressed in formal courses. The reading course allows qualified students to develop a bibliography for a specific topic not covered by other courses in the department. The work is done in conjunction with a faculty sponsor, and the student and faculty sponsor jointly determine the work products for the course, a research paper or annotated bibliography based upon the readings is typical, but other products may be substituted.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0780 and one upper-level ANTH course

ANTH 1955 - ANTHROPOLOGY CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Capstone course for senior anthropology majors.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 1110; LVL: Junior

ANTH 1956 - ARCHEOLOGY CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Capstone course for senior archeology majors.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 1525, ANTH 1526 or (ANTH 1534 and ANTH 1626); LVL: Senior

Astronomy

ASTRON 0088 - STONEHENGE TO HUBBLE

Minimum Credits: 3

Maximum Credits: 3

This course gives a historical perspective on the development of Astronomy, beginning with the 4500 year old monolithic monument, Stonehenge, to the recent spectacular discoveries by the Hubble and James Webb space telescopes. The ancient Greeks' many contributions to astronomy will be presented, along with the advancements made by stalwarts Copernicus, Newton, Kepler, Galileo, Einstein, and others. Phenomena that can be readily observed with the unaided eye or a small telescope are also discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

ASTRON 0089 - STARS, GALAXIES AND THE COSMOS

Minimum Credits: 3

Maximum Credits: 3

This is a self-contained course for students not majoring in the physical sciences. The Universe in which we live is an unimaginably vast and rich place that is understandable through the same physical laws that govern our existence here on Earth. By exploring topics from our nearest neighboring stars to the farthest galaxies newly formed after the Big Bang, this course will engage your mind to better understand our Universe and your everyday world. Through active and engaged participatory lectures, we will observe the cosmos and learn about the birth, life, and death of stars and their mysterious remnants: pulsars and black holes. From studying stars and our own Milky Way Galaxy, we will expand our vision to cosmology and investigate the origin and ultimate fate of the Universe.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

ASTRON 0115 - INTRODUCTION TO ASTRONOMY: BRITISH CONTRIBUTIONS AND DEVELOPMENTS

Minimum Credits: 3

Maximum Credits: 3

This course will explore human knowledge of the solar system and of the night sky, as well as the growth of astronomy as a science. The development of astronomy in England has been influenced by many factors and represents a rich microcosm of the evolution of astronomy in the western world. British contributions to astronomy will be used to exemplify the progress and achievements of this field of science. Throughout

history astronomy has been intertwined with both time-keeping and navigation and we will explore these connections in and around London. The passage of time is manifested through the motions of the sun which we will investigate when we visit sundials throughout London. More elaborate structures, like Stonehenge (which we will discuss and visit), can be used to mark the passage of time on greater scales. The importance of astronomy to time-keeping also made it invaluable to navigation. When we visit the National Maritime Museum we will examine and discuss the instruments in their Astronomical and Navigational Collection to elucidate the link between astronomy and navigation. This link between the two areas meant that the interests of astronomers intersected with the interests of the government which led to the development of the Royal Observatory at Greenwich which we will also visit and explore. Lastly, when we visit Westminster Abbey we will see that the importance of the work of astronomers was so valued that the scientists themselves were esteemed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ASTRON 0115 - INTRODUCTION TO ASTRONOMY: BRITISH CONTRIBUTIONS AND DEVELOPMENTS

Minimum Credits: 3

Maximum Credits: 3

This course will explore human knowledge of the solar system and of the night sky, as well as the growth of astronomy as a science. The development of astronomy in England has been influenced by many factors and represents a rich microcosm of the evolution of astronomy in the western world. British contributions to astronomy will be used to exemplify the progress and achievements of this field of science. Throughout history astronomy has been intertwined with both time-keeping and navigation and we will explore these connections in and around London. The passage of time is manifested through the motions of the sun which we will investigate when we visit sundials throughout London. More elaborate structures, like Stonehenge (which we will discuss and visit), can be used to mark the passage of time on greater scales. The importance of astronomy to time-keeping also made it invaluable to navigation. When we visit the National Maritime Museum we will examine and discuss the instruments in their Astronomical and Navigational Collection to elucidate the link between astronomy and navigation. This link between the two areas meant that the interests of astronomers intersected with the interests of the government which led to the development of the Royal Observatory at Greenwich which we will also visit and explore. Lastly, when we visit Westminster Abbey we will see that the importance of the work of astronomers was so valued that the scientists themselves were esteemed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Biological Sciences

BIOSC 0070 - BIOLOGY LABORATORY 1

Minimum Credits: 1

Maximum Credits: 1

This course is designed to introduce biology as an experimental science. The course exposes the student to some basic concepts and laboratory techniques and provides a foundation for future laboratory courses and work in biology.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: BIOSC 0170

BIOSC 0080 - BIOLOGY LABORATORY 2

Minimum Credits: 1

Maximum Credits: 1

This course is designed to introduce biology as an experimental science. The course exposes the student to some basic concepts and laboratory techniques and provides a foundation for future laboratory courses and work in biology.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0170/0070; COREQ: BIOSC 0180

BIOSC 0105 - TOPICS IN BIOLOGY

Minimum Credits: 3

Maximum Credits: 3

Intended for students who do not have a strong biology preparation from high school. The lecture will cover a subset of topics from Foundations of Biology 1 and 2.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOSC 0170 - FOUNDATION OF BIOLOGY 1

Minimum Credits: 3

Maximum Credits: 3

This is an introductory course divided into two parts. The first part covers the cellular basis of life including a discussion of simple chemistry-cells as units of structure and function and energy transformations. The second part includes an examination of those functions common to all organisms such as nutrition, gas and fluid transport and hormonal and neuronal control. Throughout, the emphasis is on the mechanisms used by different organisms to accomplish these basic functions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: BIOSC 0070

BIOSC 0180 - FOUNDATIONS OF BIOLOGY 2

Minimum Credits: 3

Maximum Credits: 3

This course covers the basic principles of classical and molecular genetics, evolution, and ecology. Emphasis will be placed on the experimental and observational basis for our knowledge of these subjects.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0170/0070; COREQ: BIOSC 0080

BIOSC 0350 - GENETICS

Minimum Credits: 3

Maximum Credits: 3

This course is designed to examine the gene in the following dimensions: the gene as a unit of transmission, a unit of function, and a unit of mutation. In addition, the distribution and activity of genes in populations will be considered in the context of current theories of evolution.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180/0080

BIOSC 0950 - HUMAN ANATOMY AND PHYSIOLOGY 1

Minimum Credits: 3

Maximum Credits: 3

An introductory course in structure and function of the human body designed as a foundation course for nursing students. Emphasis is given to the chemical and cellular organization of the body, as well as the principal systems. Throughout the course, concepts of homeostasis, stress response, metabolic activities, and pathological diseases are continually stressed. The first term covers cell chemistry, cell ultrastructure and physiology, histology, integument, musculoskeletal physiology, nervous system, endocrine system, and sense organs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: BIOSC 0951

BIOSC 0951 - HUMAN ANATOMY AND PHYSIOLOGY LABORATORY 1

Minimum Credits: 1

Maximum Credits: 1

Laboratory associated with Anatomy and Physiology 1 lecture.

Academic Career: Undergraduate

Course Component: Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: CO-REQ: BIOSC 0950

BIOSC 0970 - HUMAN ANATOMY AND PHYSIOLOGY 2

Minimum Credits: 3

Maximum Credits: 3

The second term of the introductory course in structure and function of the human body for nursing students. The body systems discussed are the digestive, circulatory, respiratory, excretory, and reproductive.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREREQ: BIOSC 0950 and 0951; CREQ: BIOSC 0971

BIOSC 0971 - HUMAN ANATOMY AND PHYSIOLOGY LAB 2

Minimum Credits: 1

Maximum Credits: 1

Laboratory associated with Anatomy and Physiology 2 lecture.

Academic Career: Undergraduate

Course Component: Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: CO-REQ: BIOSC 0970

BIOSC 0980 - MEDICAL MICROBIOLOGY

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

BIOSC 0981 - MEDICAL MICROBIOLOGY LAB

Minimum Credits: 1

Maximum Credits: 1

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: Letter Grade

BIOSC 1000 - BIOCHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

This course is designed to provide students with a basic understanding of the principles and underlying themes of modern biochemistry. The course includes all the major topics in biochemistry in considerable depth including thermodynamics and enzymology, protein and nucleic acid structure, function, and synthesis, lipids and membranes as well as metabolic pathways. This course will require that you master a new vocabulary including chemical structures, and there is an emphasis throughout on experimental approaches, molecular mechanisms, and problem solving. Although the

same topics will be covered as in the two semester biochemistry series (BIOSC 1810-1820), no one topic in BIOSC 1000 will be covered in as much detail.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180/0080; CHEM 0310/330; CHEM 0320/0340

BIOSC 1017 - EPIDEMIOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course introduces the basic principles and methods of epidemiology for studying the distribution and determinants of disease outcomes. Topics include descriptive epidemiology, morbidity and mortality studies, analytical techniques, and evaluation of preventive methods.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0170 or STAT 1000

BIOSC 1090 - INTRODUCTION TO BIOPSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This is a survey course in which the biological bases of certain classes of behavior are explored. The behaviors studied are limb movement, sleep and wakefulness, feeding, sexual behavior and learning and memory. Each of these behaviors is considered from the point of view which brain structures and which neurotransmitters are involved in the production of that behavior. Emphasis is also placed on experimental techniques used to obtain relevant data and on the type of inferences which can be made from these experiments.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 or BIOSC 0170

BIOSC 1110 - HUMAN ANATOMY AND PHYSIOLOGY 1

Minimum Credits: 3

Maximum Credits: 3

The first course in a two-part sequence dealing with macroscopic and microscopic anatomy and physiology of the human body, with special emphasis on relationships between structure and function. Included in the two courses are cell biology, histology, embryology, bone and skeleton, muscles and contraction, the cardiovascular system and its regulation, the nervous system and nervous impulse, the urinary system and electrolyte balance, and the respiratory, digestive, endocrine, and reproductive systems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

Course Requirements: PREQ: BIOSC 0180 and 0080; COREQ: BIOSC 1111

BIOSC 1111 - HUMAN ANATOMY AND PHYSIOLOGY LAB 1

Minimum Credits: 1

Maximum Credits: 1

Laboratory exercises illustrating the anatomy and physiology of the human body.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SU3 Elective Basis

Course Requirements: PREREQ: BIOSC 0180 and 0080; COREQ: BIOSC 1110

BIOSC 1115 - HUMAN ANATOMY AND PHYSIOLOGY 2

Minimum Credits: 3

Maximum Credits: 3

The second course in a two-part sequence dealing with macroscopic and microscopic anatomy and physiology of the human body, with special emphasis on relationships between structure and function. Included in the two courses are cell biology, histology, embryology, bone and skeleton, muscles and contraction, the cardiovascular system and its regulation, the nervous system and nervous impulse, the urinary system and electrolyte balance, and the respiratory, digestive, endocrine, and reproductive systems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 1110

BIOSC 1116 - ANATOMY AND PHYSIOLOGY LAB 2

Minimum Credits: 1

Maximum Credits: 1

Laboratory exercises illustrating the anatomy and physiology of the human body.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

BIOSC 1150 - HISTORY OF EVOLUTIONARY THOUGHT

Minimum Credits: 3

Maximum Credits: 3

This course will examine the theory, process and pattern of evolutionary change. The history of the change of thinking about evolution in society will be highlighted, with critical thinking skills being emphasized. This course will encompass both microevolutionary and macroevolutionary concepts. Lecture topics will include inheritance and variation, population genetics, natural selection, speciation, adaptation, the fossil record, and phylogenetics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOSC 1215 - INTRODUCTION TO NEUROSCIENCE

Minimum Credits: 3

Maximum Credits: 3

This course studies the basic structure and function of the central and peripheral nervous system. There is an emphasis on the effects of lesions of the nervous system on human function and disability.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180 or PSY 0010

BIOSC 1275 - GENOMICS

Minimum Credits: 3

Maximum Credits: 3

The sequencing of the human genome has revolutionized the way in which we think about diverse biological topics. This course will explore how advances in our understanding of such subjects have been made possible by innovative sequencing technologies. This course will combine lecture, roundtable discussions and group presentations to explore how such technologies have allowed scientists to analyze genome-wide correlations between species to ultimately provide deeper insight into genome structure and function, the evolution of genomes, and the greater roles of genome analysis and editing in modern medicine.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0350

BIOSC 1285 - GENOMICS LABORATORY

Minimum Credits: 1

Maximum Credits: 1

This course guides students through the design and evaluation of a data-driven research project in the area of genomics and metagenomics. In the first half of the course students apply methods of molecular biology to collect data about the studied system that are used as the starting point for scientific questions and hypotheses. In the second half they analyze the data and test their hypotheses using comparative and functional genomics approaches

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0350

Course Attributes: Undergraduate Research

BIOSC 1371 - ENVIRONMENTAL HEALTH

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to the scientific study of environmental hazards that affect human health. Biological, chemical and physical factors that are found in the air, water, soil, and food will be assessed from the perspective of both the industrialized and developing worlds. Students will learn about current issues in the field of environmental health, including the assessment, correction, control, and prevention of environmental hazards and their effects on the human body.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0070, BIOSC 0170, BIOSC 0080, BIOSC 0180

BIOSC 1372 - ENVIRONMENTAL SCIENCE 1

Minimum Credits: 3

Maximum Credits: 3

This course will provide a broad overview of the environmental crisis with a focus on population, resources and pollution. Biological and social sciences will be integrated in examining global issues as well as local concerns.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0371

BIOSC 1385 - ECOLOGY AND ENVIRONMENT

Minimum Credits: 4

Maximum Credits: 4

This course addresses areas of major environmental concerns after a foundation in selected ecological principles is established. The basic understanding of natural systems, including organism, population, community, and ecosystem ecology will be explored. Then current issues related to human population growth, natural resource use, and pollution will be examined using a global case study approach. Student discussion and writing concerning controversial issues will be stressed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PLANS: Pre-Education/Early/Secondary Education

BIOSC 1480 - EMBRYOLOGY

Minimum Credits: 3

Maximum Credits: 3

The development of some invertebrates' and vertebrates' eggs, embryos, organs and systems is examined in the light of basic concepts and problems of embryology, emphasizing the techniques, critical approaches, and analytic methods of experimental embryology.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: BIOSC 0180/0080; COREQ: BIOSC 1490
Course Attributes: Writing Requirement Course

BIOSC 1490 - EMBRYOLOGY LABORATORY

Minimum Credits: 2

Maximum Credits: 2

The embryological development of the frog, chick and pig are intensively studied in microscopic preparations emphasizing the integration of temporal and spatial events with attention to homology and adaptation.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: BIOSC 1480

BIOSC 1500 - CELL BIOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course will be devoted to a discussion of the current state of our understanding of cell structure and function. Eukaryotic cells will be emphasized with particular attention to animal cells. However, prokaryotic cells will be discussed for comparative purposes. Course material will emphasize the experimental basis for our understanding of cell biology and the relationship between structure and function. Most of the techniques to be considered will involve biochemical and molecular biological approaches used in the study of cell function. Thus the course will assume a familiarity with the principles of biochemistry covered in the prerequisites and will not repeat this material. Topics will include membranes, the nucleus, mitochondria and chloroplasts, the cytoskeleton, cell motility, growth and division, endocytosis and exocytosis, and selected topics on the cellular biological aspects of cancer and the immune system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180/0080; COREQ: BIOSC 1510

BIOSC 1510 - CELL BIOLOGY LABORATORY

Minimum Credits: 1

Maximum Credits: 1

This experimental methods course is designed to give upper division majors and opportunity to learn modern techniques used in cell biology research. Students will master the fundamentals of light microscopy (bright field, phase contrast, and dark field) and explore more advanced techniques such as fluorescence, confocal, video, and differential interference contrast microscopy. Students will isolate plasma membranes, mitochondria, nuclei, brush borders, and flagella and characterize these organelles by microscopy, enzyme assays and antibody labeling.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: BIOSC 1500

Course Attributes: Undergraduate Research

BIOSC 1520 - DEVELOPMENTAL BIOLOGY

Minimum Credits: 3

Maximum Credits: 3

The mechanisms of animal development will be analyzed. The first half of the course will emphasize classic embryological investigations focusing on how the embryonic body plan becomes organized, while the second half will deal primarily with the genetic and molecular regulation of development. The experimental analysis of such processes as fertilization, morphogenetic movements, tissue interactions, pattern formation, and gene expression will be discussed using examples from a variety of animal embryos, and by discussion of the current research literature.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOSC 1530 - DEVELOPMENTAL BIOLOGY LABORATORY

Minimum Credits: 1

Maximum Credits: 1

This laboratory course is designed to provide students with practical experience in the scientific method of experimental research with regard to animal development. Initial labs will stress observational skills, but the goal of each will be to understand the careful and deliberate process of experimental design, execution, and the interpretation of results. The importance of establishing and interpreting controls in experimental procedure will also be emphasized.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

BIOSC 1535 - SENSATION AND PERCEPTION

Minimum Credits: 3

Maximum Credits: 3

This course examines the nature of the mechanisms that transform sensory input into our perceptual experience of the world. Topics include: structure and function of sensory system, perception of color, object, motion, etc. Both information-processing and ecological approaches to the study of perception are considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0170 or PSY 0010

BIOSC 1540 - COMPUTATIONAL BIOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course is designed to give students a broad understanding of how computational approaches can be used to solve problems in biology. Both the biological and computational underpinnings of the methods will be addressed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOSC 1560 - CELL AND DEVELOPMENTAL BIOLOGY SEMINAR

Minimum Credits: 1

Maximum Credits: 1

In this seminar course, a single topic each term is developed by student presentations of research articles from the original scientific literature, as chosen by the instructor. Possible topics might include genes encoding major developmental switch proteins, the cytoskeletal basis of morphological movements in development, or establishing and subdividing body axes in development.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 1480 or BIOSC 1500 or BIOSC 1520

BIOSC 1580 - BIOCHEMISTRY SEMINAR

Minimum Credits: 1

Maximum Credits: 1

In this seminar course, a single topic each term is developed by student presentations of research articles from the original scientific literature, as chosen by the instructor. Recent topics have included biosynthesis of peptide hormones, recombinant DNA technology, processing of mRNA precursors, protein folding with emphasis on the molecular biology and biochemistry of chaperonins, and protein translocation within cells.

Academic Career: Undergraduate
Course Component: Seminar
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: BIOSC 1000 or BIOSC 1810

BIOSC 1730 - VIROLOGY

Minimum Credits: 3

Maximum Credits: 3

This course presents the concepts and methods of modern molecular virology. Principles of bacteriophage and animal virus replication are covered. Particular emphasis is placed on the use of viruses as model systems to approach basic problems in molecular biology. Applications of virological knowledge to medicine and biotechnology will be discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOSC 1760 - IMMUNOLOGY

Minimum Credits: 3

Maximum Credits: 3

Course will describe the role of the immune system invertebrates. The molecular and cellular basis of immunity will be emphasized. The roles of antigens, antibodies and immunocompetent cells in pathogenesis and immunity will be covered. The applications of immunology in the design of vaccines, immunotherapeutic, immunodiagnostics, organ transplantation, cancer therapy, and immune system diseases will be discussed, as will the use of immunology in biological research.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180/0080

BIOSC 1810 - MACROMOLECULAR STRUCTURE AND FUNCTION

Minimum Credits: 3

Maximum Credits: 3

This course is concerned primarily with the structure and functions of proteins and nucleic acids. These are large polymers where structure and function are determined by the sequence of monomeric units. Topics will include the physical and chemical properties of the monomer units (amino acids/nucleotides); the determination of the linear sequence of these units; analyses of the three-dimensional structures of the macromolecules; kinetics and mechanisms of enzyme catalyzed reactions, including RNA enzymes; regulation of enzyme activity; molecular recognition; and fidelity of protein synthesis. Emphasis throughout will be on experimental methods, molecular mechanisms and problem solving.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180/0080; CHEM 0310/0330; CHEM 0320/0340

BIOSC 1820 - METABOLIC PATHWAYS AND REGULATION

Minimum Credits: 3

Maximum Credits: 3

The primary focus of this course will be on the pathways of intermediary metabolism by which all cells and organisms synthesize and degrade carbohydrates, lipids (fats), nitrogenous compounds, and nucleotides. Specifically, we will examine the chemistry of the reactions that constitute these pathways, and discuss how energy is derived from the breakdown of nutrients. A strong emphasis will be placed on how the pathways are regulated by specific molecules and hormones in living systems. Finally, we will consider how several human diseases arise from defects in metabolic pathways, and will review papers in the current scientific literature on new techniques by which the components of metabolic pathways are characterized in the laboratory.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 1810; CREQ: BIOSC 1825

BIOSC 1825 - BIOCHEMISTRY LABORATORY

Minimum Credits: 2

Maximum Credits: 2

Introduces several basic experimental techniques of biochemistry including spectrophotometry, ion-exchange and gel-permeation chromatography, radio-chemical methods, gel electrophoresis, enzyme isolation, and nucleic acid purification. Lecture will concern the techniques under study.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 1810 CO-REQ: BIOSC 1820

BIOSC 1830 - BIOCHEMISTRY LABORATORY

Minimum Credits: 2

Maximum Credits: 2

Course introduces several basic experimental techniques of biochemistry including spectrophotometry, ion-exchange and gel-permeation chromatography, radio-chemical methods, gel electrophoresis, enzyme isolation, and nucleic acid purification. Lecture will concern the techniques under study.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 1810; CREQ: BIOSC 1820

Course Attributes: Undergraduate Research

BIOSC 1850 - MICROBIOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course will introduce students to the basic biology, diversity in types, and survival strategies of microorganisms. We will study basic topics, including microbial growth, metabolism, nutrition and genetics, as well as the relevance of microorganisms to human disease, biotechnology and environmental science.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180/0080; COREQ: BIOSC 1860

BIOSC 1860 - MICROBIOLOGY LABORATORY

Minimum Credits: 2

Maximum Credits: 2

This laboratory course introduces basic techniques used for isolation of microorganisms in pure culture, identification of groups of microorganisms, and study of microbial physiology, genetics, and ecology. Some topics in applied microbiology that are covered include food microbiology, water and waste water analysis, and identification and antibiotic sensitivity-testing of pathogenic isolates. Viruses, archaeobacterial, bacteria, algae, protozoa, and fungi that students isolate from soil, pond water, human skin, and other sources are used to illustrate these methods.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: BIOSC 1850

BIOSC 1885 - INTRODUCTION TO MEDICINAL CHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

Introduces the fundamental principles of medicinal chemistry. It explains the molecular basis for the mechanisms of action of drugs, drug-receptor interactions, and drug design approaches, including structure-based and ligand-based drug design.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180; CHEM 0320

BIOSC 1901 - INDEPENDENT STUDY

Minimum Credits: 0.5

Maximum Credits: 6

A program of independent reading with individual tutorials on a topic chosen in consultation with the BIOSC faculty member who will supervise the program.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: Satisfactory/No Credit

Course Attributes: Capstone Course

BIOSC 1902 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 6

Directed study in a specific area of biological science.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

BIOSC 1910 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 6

Internship in the area of biological sciences.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Attributes: Undergraduate Internship

BIOSC 1915 - LABORATORY ASSISTANT

Minimum Credits: 1

Maximum Credits: 3

This is a laboratory assistantship for general and upper-level laboratories. Primarily includes laboratory preparation, assisting students in the laboratory and possibly some lecturing under the supervision of the laboratory instructor

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180/0080

BIOSC 1916 - LECTURE ASSISTANTSHIP

Minimum Credits: 1

Maximum Credits: 3

This is a lecture assistantship for biology courses. Primarily includes attending lectures, assisting students during in class activities and offering study sessions.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: BIOSC 0180/0080

BIOSC 1940 - MOLECULAR BIOLOGY

Minimum Credits: 3

Maximum Credits: 3

Course will examine the molecular basis of life processes, with a primary emphasis on genes (what they are, what they do, how they determine the properties of an organism). Topics covered will include replication of DNA, transcription of DNA into rna, and translation of RNA into protein. Much of the course will be concerned with how these processes are regulated in response to changes in the environment, and how this regulation relates to the observed properties and behavior of the organism.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0350; COREQ: BIOSC 1950

BIOSC 1950 - MOLECULAR GENETICS LABORATORY

Minimum Credits: 2

Maximum Credits: 2

This course will discuss the theories and methodologies that have recently emerged as the central theme of modern molecular genetics. Lectures will emphasize descriptions and applications of techniques such as molecular cloning, restriction site mapping, in vitro mutagenesis, the polymerase chain reaction and DNA sequence analysis that have led to the recent explosion in knowledge about chromosome organization, gene structure, and the regulation of gene expression. Laboratory sessions will emphasize polymerase chain reaction, agarose gel electrophoresis, cloning DNA fragments, bacterial transformation, restriction analysis, and the sanger method of sequencing DNA.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: BIOSC 1940

BIOSC 1960 - SCIENTIFIC WRITING

Minimum Credits: 3

Maximum Credits: 3

Effective writing is essential for the communication of scientific knowledge, yet few biologists have any formal training in how to write a scientific paper. BIOSC 1960 would be a three-credit course, which is designed to teach students how to become more effective writers by demystifying the writing process. We will work throughout the semester on students' research papers: we will start with outlines and rough drafts; the students will then review and critique each other's writing in class, and in small peer groups; and we will revise each section of these papers several times before the final drafts are completed. By the end of the semester, students will have a better understand of the conventions of scientific writing and of readers' expectations. Additionally, students will learn how to solicit high-quality feedback from faculty and their peers, and how to respond to feedback in thoughtful and deliberate ways when revising. This course would be required for all students to complete before taking their capstone course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0070/0170, BIOSC 0080/0180/ CHEM 0110/0120, ENGCOMP 0020 and 2nd semester Junior.

BIOSC 1962 - BIOLOGY UNDERGRADUATE RESEARCH

Minimum Credits: 3

Maximum Credits: 3

This course will focus on projects that fall within the research interests of the supervising faculty member. Literature searching and review, solution preparation, laboratory safety training and experimental activity (including a final research report and presentation) will be contained in this course, which is offered under two options: a one-term laboratory course, or a two-term, individually-advised course.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 1960; LVL: Junior; PLAN: Biological Science major

BIOSC 1963 - BIOLOGY RESEARCH - INDEPENDENT STUDY

Minimum Credits: 3

Maximum Credits: 3

This course will focus on projects that fall within the research interests of the supervising faculty member. Literature searching and review, solution preparation, laboratory safety training and experimental activity (including a final research report and presentation) will be contained in this course, which is offered as a two-term, individually-advised course.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 1960; LVL: second semester junior with an overall GPA of at least 3.0; PLAN: Biological Science Major

BIOSC 1999 - MEDICAL MICROBIOLOGY

Minimum Credits: 3

Maximum Credits: 3

This is an advanced level lecture course educating students in the microbial aspects of human infectious diseases. Students will learn about the microbial basis of infection, the host response, and the nature of specific infections within the human body. The course also will present approaches for the diagnosis of infections and strategies for disease control. The topics of medical microbiology will be presented in a system-based rather than an organism-based approach.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 1850

Chemistry

CHEM 0100 - INTRODUCTION TO GENERAL CHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

This non-lab, 3-credit course develops fundamental concepts, basic calculations, and problem-solving skills in General Chemistry. This course is designed for those who seek to gain knowledge and ability as a foundation to subsequently taking General Chemistry 1, or those students desiring to fill a Natural Science GER with a Chemistry experience without plans of taking additional Chemistry courses. Topics typically introduced include Measurement, Matter, Energy, Atoms, Elements, Molecules, Chemical Composition, Chemical Reactions, Stoichiometry, Periodic Properties of the Elements, and Bonding. A background in chemistry is not necessary while a fundamental knowledge of math is required and facility with basic algebraic concepts is recommended. Students concerned about their ultimate success in Chem 0110 are encouraged to talk to their advisor about the benefits of completing the Introduction to Chemistry course prior to enrolling in General Chemistry I.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

CHEM 0110 - GENERAL CHEMISTRY 1

Minimum Credits: 4

Maximum Credits: 4

Chemistry 0110 and 0120 comprise a two-term introduction to the fundamental properties of matter. The courses emphasize applications to industrial and environmental chemistry and biochemistry. CHEM 0110 covers stoichiometry, the properties of solids, liquids and gases, thermochemistry and the electronic structure of atoms and molecules.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CO-REQ: MATH 0031

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

CHEM 0112 - GENERAL CHEMISTRY 2

Minimum Credits: 3

Maximum Credits: 3

General chemistry 1 and 2 comprise a two-term introduction to the fundamental properties of matter. General chemistry 2 covers kinetics, coordination chemistry, redox reactions, chemical equilibrium and thermodynamics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: CHEM 0111 or 0110 and CHEM 0114 and MATH 0002 or Math Placement Score (61 or greater)

CHEM 0120 - GENERAL CHEMISTRY 2

Minimum Credits: 4

Maximum Credits: 4

Chemistry 0110 and 0120 comprise a two-term introduction to the fundamental properties of matter. The courses emphasize applications to industrial and environmental chemistry and biochemistry. CHEM 0110 covers stoichiometry, the properties of solids, liquids and gases, thermochemistry and the electronic structure of atoms and molecules.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0110

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

CHEM 0250 - INTRODUCTION TO ANALYTICAL CHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

This course is concerned with the rigorous treatment of equilibria that are of analytical importance and with an introduction into electroanalytical methods, emission and absorption spectrophotometry, and modern separation methods, particularly chromatography.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0120 or 0970; CREQ: CHEM 0260

CHEM 0260 - INTRODUCTION TO ANALYTICAL CHEMISTRY LAB

Minimum Credits: 1

Maximum Credits: 1

The primary objectives of this course are to introduce the student to current analytical methods and to cultivate sound experimental technique. Laboratory work includes ion exchange separations, complexometric and potentiometric acid-base titrations, and absorption spectrophotometry.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: CHEM 0250

CHEM 0310 - ORGANIC CHEMISTRY 1

Minimum Credits: 3

Maximum Credits: 3

An introduction to theory and practice of organic chemistry through study of structural principles, reaction mechanisms, and synthesis leading toward end of second term, when complex molecules of biological interest are discussed. Basic goals of course are to develop appreciation and skill in methods of molecular analysis which have made organic chemistry such a powerful intellectual discipline. Course will prepare student for work in advanced topics of organic chemistry, biochemistry, chemical engineering and health related sciences.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0120 or CHEM 0970 or CHEM 0112/0114 (UPJ); COREQ: CHEM 0330

CHEM 0320 - ORGANIC CHEMISTRY 2

Minimum Credits: 3

Maximum Credits: 3

An introduction to theory and practice of organic chemistry through study of structural principles, reaction mechanisms, and synthesis leading toward end of second term, when complex molecules of biological interest are discussed. Basic goals of course are to develop appreciation and skill in methods of molecular analysis which have made organic chemistry such a powerful intellectual discipline. Course will prepare student for work in advanced topics of organic chemistry, biochemistry, chemical engineering and health related sciences.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0310, 0330; COREQ: CHEM 0340

CHEM 0330 - ORGANIC CHEMISTRY LABORATORY 1

Minimum Credits: 1

Maximum Credits: 1

Chemistry 0330 is devoted to the purification, characterization, and identification of organic molecules using the techniques of recrystallization, distillation, thin-layer, column and gas-liquid chromatography, melting point determination, and infrared and nuclear magnetic resonance spectroscopy.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: CHEM 0310

CHEM 0340 - ORGANIC CHEMISTRY LABORATORY 2

Minimum Credits: 1

Maximum Credits: 1

Chemistry 0340 provides an opportunity to carryout important synthetic reactions discussed in the lecture course along with an introduction to the use of the chemical literature. Reactions are analyzed and products characterized using the skills learned in chemistry 0330.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: CHEM 0320

CHEM 0910 - CHEMICAL PRINCPL HEALTH PROFESSN

Minimum Credits: 4

Maximum Credits: 4

This is a one term course covering general and biological chemistry designed primarily for students enrolled in the school of nursing or preparing for health related professions. The course covers aspects of general chemistry including atomic structure and bonding and equilibria. A brief introduction to organic chemistry including physical properties and representative reactions of common functional groups and finally the chemistry of the major classes biomolecules and metabolism.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

CHEM 1035 - INTRODUCTION TO ENVIRONMENTAL CHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

Environmental chemistry is a course that discusses the origin, fate, toxicity and remediation of chemical pollutants in the air, water and soil. In addition green chemistry and the fundamentals of sustainability will be discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0320

CHEM 1130 - INORGANIC CHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

Modern bonding theories are developed to the level that permits some understanding of the effects of structure and bonding on chemical properties. Periodic relationships are discussed and applied to selected families of elements. Emphasis is placed on those aspects of structure, bonding and periodic relationships that are helpful in unifying a large body of chemical knowledge. Selected topics of current interest in inorganic chemistry are discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0320

Course Attributes: Capstone Course

CHEM 1250 - INSTRUMENTAL ANALYSIS

Minimum Credits: 3

Maximum Credits: 3

The basic principles and instrumentation of important methods and their application to analysis and research problems. The coverage includes spectroscopic and electrochemical methods and chromatography. Equilibrium and dynamic aspects of each are considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0250/0260; COREQ: CHEM 1255

CHEM 1255 - INSTRUMENTAL ANALYSIS LAB

Minimum Credits: 1

Maximum Credits: 1

The laboratory component of CHEM 1250. Students will be introduced to state of the art instrumentation being used in contemporary analytical chemistry.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: CHEM 1250

CHEM 1275 - INTRODUCTION TO CHEMOMETRICS

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to mathematical and statistical methods and techniques for analysis of data and results generated by various instrumental methods of chemical analysis (e.g., UV-visible, fluorescence, NMR, and FTIR spectrometric methods, gas and liquid chromatographic

methods, GC/MS, voltammetric methods), which are capable of producing large amounts of data for multiple samples and analyses in a single experiment. Topics to be covered include review of descriptive statistics, rejection and retention of outlier data, significance testing involving two or more data sets, matrix operations, analyte quantitation via univariate and multivariate calibration (e.g., direct and inverse calibration and quantitation) and regression (e.g., ordinary (OLS), inverse (ILS), and partial least squares (PLS), principal component (pc), and singular value decomposition (SVD) regression) methods, and analyte identification via pattern recognition methods (e.g., principal component analysis (PCA), factor analysis (fa), and singular value decomposition (SVD)). Emphasis will be placed on multivariate systems, and approaches for determination of multiple analyte concentrations in such systems using various chemometric tools. Software such as Microsoft excel' and Matlab will be used extensively for analysis of large and small amounts of analytical data. The assessments for this course will be take-away assignments to be completed independently by the students.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0250

CHEM 1311 - ADVANCED ORGANIC CHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

Advanced organic chemistry will cover several advanced topics of organic chemistry including: named organic reactions, other advanced reactions including stereoselective and stereospecific reactions, cycloaddition reactions, sigmatropic rearrangements, and organometallic reactions; mechanisms, synthetic applications, a detailed study of reactive intermediates, equilibria, and through the study of all of these topics, the principles of physical chemistry will be applied to the product distribution of organic reactions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0320/0340

CHEM 1330 - MEDICINAL CHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

An overview of modern and classical understanding of pharmaceutical chemistry will be discussed. Major topics covered include drug design and development, mechanism of action within biological systems, as well as biochemical responses to drug compounds - including (but not limited to) metabolism, distribution, toxicity, and secondary metabolites. Emphasis for the course will be from the pharmaceutical chemist's perspective, although this inherently requires understanding of aspects of biochemistry. Note: Prior or concurrent enrollment in a biochemistry course (BIOSC 1000/1810/1820) is not required but may help students gain deeper understanding of course content.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0180/0080; CHEM 0310/0330; CHEM 0320/0340

CHEM 1380 - TECHNIQUES OF ORGANIC RESEARCH

Minimum Credits: 2

Maximum Credits: 2

A course which serves as a guide to the interpretation of ultraviolet, infrared, nuclear magnetic resonance and mass spectra of organic compounds.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHEM 0320

CHEM 1410 - PHYSICAL CHEMISTRY 1

Minimum Credits: 3

Maximum Credits: 3

Basic lecture course dealing with quantum theory, atomic and molecular structure, symmetry, spectroscopy and diffraction methods.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: CHEM 0320/0340 and MATH 0240

CHEM 1420 - PHYSICAL CHEMISTRY 2

Minimum Credits: 3
Maximum Credits: 3
Basic lecture course dealing with gases, kinetic theory, chemical thermodynamics, equilibria, and chemical kinetics.
Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: CHEM 1410
Course Attributes: Capstone Course

CHEM 1430 - PHYSICAL CHEMISTRY LABORATORY 1

Minimum Credits: 1
Maximum Credits: 1
Approximately 8 experiments are performed during the term. Experiments are selected to illustrate important principles of physical chemistry and to make the student familiar with important experimental methods. The course is intended to make the student think critically about reliability of experimental results and to attempt to interpret them in the light of his previous chemical experience.
Academic Career: Undergraduate
Course Component: Credit Laboratory
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: CHEM 1410; CREQ: CHEM 1420

CHEM 1700 - UNDERGRADUATE RESEARCH SEMINAR

Minimum Credits: 1
Maximum Credits: 1
Seminar given by faculty on undergraduate research opportunities in chemistry. Open to all students regardless of departmental affiliation, but is designed especially to help those students who may take chemistry 1710 in their selection of a research project.
Academic Career: Undergraduate
Course Component: Seminar
Grade Component: LG/SNC Elective Basis

CHEM 1702 - UNDERGRADUATE RESEARCH WRITING

Minimum Credits: 3
Maximum Credits: 3
Seminar given by faculty on Undergraduate research opportunities in chemistry which will include a major research paper.
Academic Career: Undergraduate
Course Component: Seminar
Grade Component: LG/SNC Elective Basis

CHEM 1710 - UNDERGRADUATE RESEARCH

Minimum Credits: 1
Maximum Credits: 6
This is an elective course where a research project is carried out under the direction of a member of the chemistry faculty. It is for the serious student who wishes to expand his scholarly interests. Approximately four hours research per week per credit; usually no more than three credits per term.
Academic Career: Undergraduate
Course Component: Practicum

Grade Component: LG/SNC Elective Basis
Course Attributes: Capstone Course

CHEM 1720 - UNDERGRAD TEACHING EXPERIENCE

Minimum Credits: 1

Maximum Credits: 4

Students can gain teaching experience by serving as instructors in one of the undergraduate chemistry lab courses.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Attributes: Capstone Course

CHEM 1902 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 6

Directed study in a specific area of chemistry to enhance preparation for undergraduate research.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

CHEM 1950 - CHEMISTRY LAB INTERNSHIP 1

Minimum Credits: 1

Maximum Credits: 3

Internship opportunities in chemistry lab.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

CHEM 1951 - CHEMISTRY LAB INTERNSHIP 2

Minimum Credits: 1

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

CHEM 1952 - ANALYTICAL LABORATORY INTERNSHIP

Minimum Credits: 1

Maximum Credits: 2

This course will provide the student with an opportunity to gain teaching experience in the analytical chemistry laboratory.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

Chinese

CHIN 0021 - FIRST YEAR CHINESE LEVEL 1

Minimum Credits: 5

Maximum Credits: 5

This beginning course in Chinese language and culture is intended for students with little or no experience in Chinese. Students will develop basic oral and written proficiency and an understanding of the basics of Chinese language and culture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CHIN 0022 - FIRST YEAR CHINESE LEVEL 2

Minimum Credits: 5

Maximum Credits: 5

This course is the second semester of first-year Chinese with a continued emphasis on basic oral and written proficiency. Students will learn to converse in limited daily life situations and write short paragraphs on personal topics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHIN 0021

CHIN 0031 - SECOND YEAR CHINESE LEVEL 1

Minimum Credits: 5

Maximum Credits: 5

This course aims to enhance speaking, reading and writing skills in Chinese beyond the first-year level. Students will learn to converse on a wider range of personal topics with some sophistication, to read and understand texts and relevant cultural material and write short narrative paragraphs with proper discourse connectors.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHIN 0022

CHIN 0032 - SECOND YEAR CHINESE LEVEL 2

Minimum Credits: 5

Maximum Credits: 5

This continues the tasks from the first semester of second-year Chinese of practicing speaking, reading and writing skills with more challenging situations and texts. Students will be able to converse about some non-personal topics, read a wider range of texts, and write longer paragraphs with discourse connectors and idiomatic expressions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHIN 0031

CHIN 0041 - THIRD YEAR CHINESE LEVEL 1

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CHIN 0032

CHIN 0042 - THIRD YEAR CHINESE LEVEL 2

Minimum Credits: 3

Maximum Credits: 3

This course continues to build proficiency in speaking, oral comprehension, reading and writing, with emphasis upon vocabulary expansion, attention to a broadening array of daily life contexts, and continuing exposure to Chinese culture.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: CHIN 0041

Classics

CLASS 0010 - GREEK CIVILIZATION

Minimum Credits: 3

Maximum Credits: 3

A general introduction to the culture and society of Ancient Greece, with emphasis on the Archaic Period and the fifth and fourth centuries B.C.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Geographic Region General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., West European Studies

CLASS 0020 - ROMAN CIVILIZATION

Minimum Credits: 3

Maximum Credits: 3

A general introduction to the culture and society of the Roman world, with emphasis on the period of the republic and the early empire.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Geographic Region General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., West European Studies

CLASS 0030 - MYTHOLOGY IN THE ANCIENT WORLD

Minimum Credits: 3

Maximum Credits: 3

This course examines in cultural context the traditional stories--myth, legend, and folktale--of the ancient Greeks and Romans. Theories drawn from various disciplines are critically evaluated. Attention to connections with ritual practice and to expression in daily life, art, architecture, etc.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Childrens Literature, DSAS Geographic Region General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., West European Studies

CLASS 0100 - MASTERPIECES GREEK AND ROMAN LITERATURE

Minimum Credits: 3

Maximum Credits: 3

An introduction to the critical analysis of literary works through the medium of selected masterpieces of Greek and Roman literature in English translation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

CLASS 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 9

In this course a student undertakes independent study in the field of classical civilization in consultation with a member of the faculty.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

CLASS 1904 - UNDERGRADUATE RESEARCH ASSISTANT

Minimum Credits: 1

Maximum Credits: 3

This course enables advanced majors to receive academic credit for serving as assistants to faculty members who are conducting research projects (e.g., compiling bibliography for a new class, preparing a work for publication, creating a conference presentation). This collaborative project will result in a meaningful experience that will provide the student with a foundation in the mechanics of research and publication. Given the variable aspects of this learning experience, there is not official syllabus. However, students and faculty who participate in this course are required to submit a signed contract prior to the start of the semester in which the assistantship will occur. This contract is subject to the approval of the undergraduate committee.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Satisfactory/No Credit

Communication: Rhet & Comm

COMMRC 0005 - INTERVIEWING AND INFORMATION GATHERING

Minimum Credits: 3

Maximum Credits: 3

Students are introduced to the fundamental principles of interviewing, including the interpersonal communication process, the structure of an interview, interview preparation, techniques for giving and receiving information, and methods of transcribing the data they collect during an interview. Common types of interviews (informational, employment, performance, counseling, and persuasive) will be covered to prepare students for a lifetime as interviewers and interviewees.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COMMRC 0310 - RHETORIC & SOCIETY

Minimum Credits: 3

Maximum Credits: 3

This is an introductory course designed to give students a sense of the role rhetoric plays in the construction of our social, political, and cultural worlds, and to introduce students to traditional and contemporary approaches to the analysis of rhetorical discourse. Students will prepare a series of short performances for presentation in the recitation sections.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC major or Instructor's Consent

Course Attributes: DSAS Literature General Ed. Requirement, DSAS Phil. Think or Ethics General Ed. Requirement, SCI Polymathic Contexts: Ethical/Policy GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., Undergraduate Research

COMMRC 0320 - MASS COMMUNICATION AND SOCIETY

Minimum Credits: 3

Maximum Credits: 3

This course is designed to introduce students to the basic concepts of mass communication research and to the history and development of various media (TV., Radio, newspapers, magazines, etc.).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, DSAS The Arts General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., Undergraduate Research

COMMRC 0330 - CULTURAL STUDIES AND COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

This course provides an introduction to the interdisciplinary and disciplinary theories that inform a great deal of scholarship in communication. Specifically, we will study the roles that social, institutional, and cultural forces play in shaping the ways we live and interact.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COMMRC 0500 - ARGUMENT

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to fundamental principles of argument, and develops argumentative skills through practice analysis and criticism.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Creative Work General Ed. Requirement, SCI Expression: Communication General Ed. Req., SCI Polymathic Contexts: Humanistic GE. Req.

COMMRC 0520 - PUBLIC SPEAKING

Minimum Credits: 3

Maximum Credits: 3

This course is designed to help students develop increased skill in public speaking by means of theory and practice. This course covers research, organization, style, delivery, and criticism of informative, deliberative, and ceremonial speeches.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Creative Work General Ed. Requirement, SCI Expression: Communication General Ed. Req., SCI Polymathic Contexts: Humanistic GE. Req.

COMMRC 0530 - INTERPERSONAL COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to introduce students to theories and models of human communication in the face-to-face communication context. Focus of learning is on skill development; lecture, discussion, and practice of communication skills are used to facilitate student learning.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COMMRC 0570 - INDEPENDENT FILM

Minimum Credits: 3

Maximum Credits: 3

This course examines the origins of film (before there were studios, when everyone was an indie filmmaker), early independent producers such as united artists, and later avant-garde directors working outside the mainstream studio system. We will focus on directors, films, and movements while examining key Indie films from the US and abroad. As part of their course work, students will produce either a significant research project on a film

or filmmaker, or create, with a production team, a short independent film of their own.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0320 or ENGCMPT 0020

COMMRC 1012 - DIGITAL STORYTELLING 1

Minimum Credits: 3

Maximum Credits: 3

This course will introduce students to the history and transformative power of digital technologies and to how these technologies influence the ways we create and share stories today. We will explore the ways technology helps us tell stories through new and emerging narrative forms, including blogs, podcasts, photo/sensory essays, and other combinations of audio and video forms. We will study methods digital storytellers use to connect with audiences in unique and intimate ways, and students will create their own stories with specific audiences in mind. Students will practice storytelling using a variety of digital mediums and will construct their own digital storytelling portfolios to showcase their work.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCMPT 0020

COMMRC 1020 - DIGITAL MEDIA STUDIES

Minimum Credits: 3

Maximum Credits: 3

In an increasingly technologized world, it can be tempting to view technologies as the driving forces of social, political, and cultural change. Media theorist, Marshall McLuhan even said famously that 'the medium is the message,' meaning that how we receive communication messages inform our interpretations of those messages deeply. Such 'technological determinism' sees history as related closely with invention. In digital media studies we will examine the historical and technological developments that have altered communication in contemporary time. But we will also consider the many ways that technological artifacts reflect beliefs, values, assumptions, and conflicts of the societies in which they are created and used. In doing so we aim to achieve both analytic and appreciative understanding of the digital media that propagate modern communication. We will look historically at technologies as forces of influence, opportunity, division, and constraint. We will study digital media with critical and constructive lenses. We will produce digital artifacts of our own by using existing web-based tools with a goal of becoming creators in addition to consumers of digital media.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0320

COMMRC 1021 - THE STUDIO: VIDEO PRODUCTIONS

Minimum Credits: 3

Maximum Credits: 3

In this course students will gain knowledge, skills, and experience in creating media for a variety of formats and projects. Students will learn how to use HD cameras and advanced HD production techniques. Students will review and organize camera footage, interpret and write scripts, create storyboards, and mix audio and video with professional non-linear editing software. Students will work individually and in groups to complete a variety of video production projects for on-campus departments and groups and for community partners. Students will gain experience in all phases, from pre-production meetings with clients and developing projects, to planning and shooting on locations, to editing footage using professional nonlinear video editing software, and through the post-production process to complete media productions for a range of offline and online uses and formats. These completed projects will then be utilized by our clients and will provide students with a range of video productions for their professional portfolios. Course to be offered fall and spring semesters.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 1012

COMMRC 1022 - DIGITAL STORYTELLING 2

Minimum Credits: 3

Maximum Credits: 3

Digital Storytelling 2 is the advanced-level, follow-up course to Digital Storytelling 1. In this course, students will refine and advance the skills they acquired in ds 1 and use those skills to produce an in-depth personal digital narrative or immersion project.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 1012

COMMRC 1030 - RESEARCH METHODS IN COMMUNICATION STUDIES

Minimum Credits: 3

Maximum Credits: 3

A survey of methods used in contemporary communication research, spanning qualitative, quantitative, and critical approaches. Through the study and practice of the research process, students will learn to evaluate data, hypotheses, and conclusions produced by others in addition to gaining firsthand research experience.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020 and (COMMRC 0310 or COMMRC 0320)

COMMRC 1035 - VISUAL RHETORIC

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to encourage students to explore the rhetorical nature of images and the increasing visualization of communication and of contemporary culture. Students will acquire knowledge of leading methodologies used to analyze a variety of visual texts including photography, advertising, television, film, and digital and online video sources. Students will conduct research and develop their creative and critical abilities through analyses and development of original projects that engage the rhetorical nature of images as carriers of diverse messages.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020

COMMRC 1040 - COMMUNICATING GENDER IN FILM

Minimum Credits: 3

Maximum Credits: 3

This course examines representations of gender in cinema. Students will consider the continuum of gendered identities; masculine and feminine, and the history of gendered roles and expectations as they have shifted over time in conjunction with popular culture. We will explore gendered representations as potential sites of influence that attempt to reflect and reiterate gender norms within the broader scope of social mores and attitudes. Two central aims of this course are to foster critical reading and thinking about gender identities as they function within increasingly mediated venues for communication. Of equal value, we will investigate the ways in which individuals have resisted institutional or social norms, striving to push for progression and change.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0320

COMMRC 1050 - THE RHETORIC OF SOCIAL MOVEMENTS AND CYBER-PROTEST

Minimum Credits: 3

Maximum Credits: 3

Through active reading, writing, participation in discussions, and analysis of messages (speeches, posters, advertisements, slogans, blogs, websites, movies), students will be introduced to theory and research pertaining to persuasion, organized social advocacy and protest. Students will engage in critical thinking exercises while applying what they have learned in their studies of mass communication, rhetorical process, and persuasion to the

analysis of messages published by historic and current social movements.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

COMMRC 1105 - TELEVISION AND SOCIETY

Minimum Credits: 3

Maximum Credits: 3

This course explores the relationship between television and society. It familiarizes students with the history of the broadcast industry along with related legal, political, and economic issues. The course focuses on analyzing various television programs as constitutive of and constituted by social relations (class, gender, and race).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0320

Course Attributes: Children's Literature

COMMRC 1111 - THEORIES OF PERSUASION

Minimum Credits: 3

Maximum Credits: 3

This course surveys theories of persuasion that have been articulated during the twentieth century. It seeks to compare and contrast research about how the spoken word and the visual image influence public belief and action.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Global Studies

COMMRC 1127 - IMAGE RESTORATION IN THE MEDIA

Minimum Credits: 3

Maximum Credits: 3

The central focus of this course is that human beings often participate in communicative behavior designed to reduce, redress or avoid damage to their reputation from perceived wrong-doing. This course is designed to analyze theory and research on image restoration discourse. It will include analysis of persuasive attack and defense strategies used in the media, such as that seen in television and print advertising, political campaigns, and various other mediated communication events.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0310

COMMRC 1129 - ENVIRONMENTAL RHETORIC

Minimum Credits: 3

Maximum Credits: 3

This course is designed to analyze discourse on the environment, from advertising campaigns and political viewpoints, to corporate policies and environmental/social movements. It will analyze theory and research in environmental rhetoric, with an emphasis on environmental communication studies found in academic journals in the field. Students will examine current environmental issues of importance found in television/print/electronic media and analyze the discourse from a rhetorical perspective.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0310

COMMRC 1146 - INTERCULTURAL COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

This course explores the constitutive role that rhetoric plays in the formation of culture. Cultural texts and events will be examined both as reflecting and signifying practices. The course focuses on rhetoric's relation to ideology, power, and desire, as well as to class formations and sexual divisions. Selecting two of the above perspectives, students will examine how cultural practices constitute and are constituted by rhetoric.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COMMRC 1152 - DIGITAL AND PROFESSIONAL COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

IN THIS COURSE, FORMERLY KNOWN AS ORGANIZATIONAL COMMUNICATION, WE WILL STUDY ORGANIZATIONAL CULTURE, WRITTEN PROFESSIONAL COMMUNICATION, AND DIGITAL PROFESSIONAL COMMUNICATION. COMMUNICATION IS ESSENTIAL TO BUSINESS, NONPROFIT, AND GOVERNMENT SECTORS. WE WILL EXAMINE STRATEGIES FOR COMMUNICATION WITHIN EACH SECTOR WHILE HONING THE PRACTICAL MARKETPLACE SKILLS NECESSARY TO SECURING EMPLOYMENT AND MAINTAINING/ADVANCING YOUR CAREER.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0320

COMMRC 1153 - RHETORIC AND PUBLIC POLICY

Minimum Credits: 3

Maximum Credits: 3

Policy planners, decision-makers, and policy analysts often do their work in public, deliberative discourse, which rhetoricians have been modeling and analyzing at least since ancient Greece. In this course, students will develop a rhetorical perspective to analyze the features of the policy process, including problem selection, organizational identity, administrative strategy, public access and participation, and public relations. Participation in discussions, short in-class writings, and longer papers will help students to understand the rhetorical construction of policies, the role of expertise and authority (ethos) in the policy process, and the decision-making process.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020; COMMRC 0310 or COMMRC 0320

COMMRC 1154 - THE RHETORIC OF SOCIAL MOVEMENTS AND CYBER-PROTEST

Minimum Credits: 3

Maximum Credits: 3

Through active reading, writing, participation in discussions, and analysis of messages (speeches, posters, advertisements, slogans, blogs, websites, movies) students will be introduced to theory and research pertaining to persuasion, organized social advocacy and protest. Students will engage in critical thinking exercises while applying what they have learned in their studies of mass communication, rhetorical process, and persuasion to the analysis of messages published by historic and current social movements.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020 and (COMMRC 0310 OR COMMRC 0320)

COMMRC 1155 - THE HISTORY OF RHETORIC IN AMERICAN ADVERTISING

Minimum Credits: 3

Maximum Credits: 3

This course examines the history of strategic persuasion in American advertisements of the twentieth century. By studying the evolution of visual and rhetorical methods used in ads, students will gain theoretical and historical understanding of both the industry and the cultural contexts in which

campaigns ran. We will review the many iconic and enduring ad slogans, images, logos, and jingles of twentieth century America, evaluating their purpose, their intended audience, and their rhetorical style.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0310 and COMMRC 0320

COMMRC 1157 - #FAKE NEWS: JOURNALISM AND DEMOCRACY IN AN ERA OF CONTESTED TRUTHS

Minimum Credits: 3

Maximum Credits: 3

This course details the evolution of the news industry across recent historical time, placing significant focus on the rise of digital media, and with it, the many technological tools and opportunities through which to manipulate information. Journalism is the fourth pillar of American democracy and online sources encompass far more than the websites of traditional print and television news organizations. Online sources are vast and numerous, ranging in political bias, accuracy, and intention. Digital sources as a primary or even secondary venue for news information can pose a threat to democracy in the United States. We will guard against fake news by raising awareness of how it operates and by fostering digital media literacy. We will also learn about software and hardware tools used to create and distribute fake news, deconstructing it and creating our own content to understand how easily it can be done.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0320

COMMRC 1157 - #FAKE NEWS: JOURNALISM AND DEMOCRACY IN AN ERA OF CONTESTED TRUTHS

Minimum Credits: 3

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This course details the evolution of the news industry across recent historical time, placing significant focus on the rise of digital media, and with it, the many technological tools and opportunities through which to manipulate information. Journalism is the fourth pillar of American democracy and online sources encompass far more than the websites of traditional print and television news organizations. Online sources are vast and numerous, ranging in political bias, accuracy, and intention. Digital sources as a primary or even secondary venue for news information can pose a threat to democracy in the United States. We will guard against fake news by raising awareness of how it operates and by fostering digital media literacy. We will also learn about software and hardware tools used to create and distribute fake news, deconstructing it and creating our own content to understand how easily it can be done.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COMMRC 1180 - HISTORY AND RHETORIC OF FILM GENRES

Minimum Credits: 3

Maximum Credits: 3

Introduce students to the historical, rhetorical, aesthetic, and commercial dimensions and traditions of Hollywood film genres. A wide variety of film genres will be addressed potentially including comedy, satire, romance, thriller, musical, horror, science fiction, war, and film noir. The course will examine the historical development, changing conventions, iconography, and mythology present within these various Hollywood film genres. The course will also enable students to investigate the rhetorical implications of how artistic and commercial interests converge to reflect, comment upon, and influence American popular culture and society through the stories of a diverse range of classic and contemporary Hollywood genre films.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020; COMMRC 0320 or Instructor Permission

COMMRC 1220 - PUBLIC RELATIONS STRATEGY AND PRACTICES

Minimum Credits: 3

Maximum Credits: 3

This course will examine and critically analyze real-world public relations problems, cases and programs. It will concentrate on the four audiences of public relations (employees, communities, consumers and investors) and the four components (media relations, public issues, crisis management and ethics). The course will focus on the four- step process used in implementing public relations programs that include research, planning, implementation and evaluation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0320; ENGCM 0020

COMMRC 1310 - ADVERTISING STRATEGY AND PRACTICES

Minimum Credits: 3

Maximum Credits: 3

In recent years, new technology has created a world where the consumer is continually bombarded with advertising messages. This course will examine the issues that advertising practitioners face and look at ways to break through today's advertising clutter and help make a product or service stand out from the competition. The course will focus on ways to create strategic advertising plans that are implemented with sound creative concepts and efficient media buys; and then evaluated for their effectiveness.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREREQ: COMMRC 0320 or COMMRC 1210; or Instructor Permission

COMMRC 1410 - FILM AND PROPAGANDA

Minimum Credits: 3

Maximum Credits: 3

Students will gain knowledge of film history and theory as well as the rhetoric and philosophy of propaganda to provide a background for analysis. Students will analyze a variety of films from various film genres through essays, examinations, and critical/creative projects that will address how film functions as a major form of propaganda and social influence upon public opinion in past and contemporary society and debate.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Completion of at least one 1000 COMMRC level course

COMMRC 1520 - ADVANCED PUBLIC SPEAKING

Minimum Credits: 3

Maximum Credits: 3

This course teaches students advanced skills needed in the preparation, delivery, and evaluation of formal public address. Advanced public speaking extends what was learned in the introductory public speaking course by examining more advanced theories and strategies of public address, critically evaluating public discourse in a variety of settings and sharpening the extemporaneous delivery skills of the student

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: COMMRC 0520

COMMRC 1900 - COMMUNICATION INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Internships provide practical work experience related to the student's course of study.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Attributes: Undergraduate Internship

COMMRC 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 3

Independent study is a program of academic reading and research taken under the direction of a faculty sponsor.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

COMMRC 1950 - COMMUNICATION CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

This course focuses on research in communication. After a brief introduction of basic concepts, selected methodologies will be examined. Students will engage in individual research projects, utilizing one of these methodologies. Students will submit a written report as well as give a public oral presentation of their original research.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Senior

Computer Science

CS 0085 - PC SOFTWARE FOR BUSINESS

Minimum Credits: 3

Maximum Credits: 3

An introductory level course in pc software commonly used in business environments. Designed for students in the humanities and social sciences with applications of particular interest to management and accounting majors. The principal applications will be word processing, electronic spreadsheets and database management.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CS 0098 - DECISION MAKING WITH EXCEL

Minimum Credits: 3

Maximum Credits: 3

This course starts with an introduction to the use of spreadsheets and then builds on that foundation to develop proficiency in the use of spreadsheets for statistical and other analytic techniques in support of decision making.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CS 0134 - WEB SITE DESIGN AND DEVELOPMENT

Minimum Credits: 3

Maximum Credits: 3

This course will provide a basic understanding of the methods and techniques of developing a simple to moderately complex web site. Using the current standard web page language, students will be instructed on creating and maintaining a simple web site. After the foundation language has been established, the aid of an internet editor will be introduced. A second web-based language will be included to further enhance the web sites.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CS 0145 - INTRODUCTION TO DIGITAL IMAGING

Minimum Credits: 3

Maximum Credits: 3

This course will introduce students to the tools of digital imaging. It is broken into four major parts that will offer students a foundation for incorporating digital tools into their artistic photo process as well as emphasize the unique opportunities of medium. Projects will support a critical examination of digital tools and provide a historical context. Foundations will have students experiment with a digital camera and a limited set of editing tools in Photoshop. Scanning and printing will also be explored. Process in digital imaging shows that digital media can be thought of not only as the software, hardware, and networks we utilize but also as the computational logic that underlies and structures these tools. New platforms for photography will be discussed as well as the concepts of compression and extraction.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CS 0405 - PROGRAMMING USING PYTHON

Minimum Credits: 3

Maximum Credits: 3

This course is designed as a first class in computer programming for students from any major who wish to learn the fundamentals of coding. The focus of the course is on problem analysis, algorithm development and the use of tools for creating and testing Python programs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: MATH 0031 or any MATH greater than or equal to MATH 0031

CS 0421 - PROGRAMMING USING JAVA

Minimum Credits: 3

Maximum Credits: 3

An introductory course in computer programming designed for students in computer-related majors. The emphasis is on structured techniques for problem analysis and algorithm development in an object-oriented paradigm.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0020 or MATH 0031

CS 0422 - ADVANCED PROGRAMMING USING JAVA

Minimum Credits: 3

Maximum Credits: 3

A second course in computer programming designed for students in computer-related majors. The emphasis is on advanced programming techniques in an object-oriented paradigm.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CS 0421

CS 0441 - DISCRETE STRUCTURES FOR CS

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to understand and use (abstract) discrete structures that are backbones of computer science. In particular, this class is meant to introduce logic, proofs, sets, relations, functions, counting, and probability, with an emphasis on applications in computer science.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0200 or MATH 0220 or MATH 0230

CS 0445 - ALGORITHMS AND DATA STRUCTURES 1

Minimum Credits: 3

Maximum Credits: 3

This course emphasizes the study of the basic data structures of computer science (stacks, queues, trees, lists) and their implementations using the java language. Included in this study are programming techniques that use recursion, reference variables, and dynamic memory allocation. Students in this course are also introduced to various searching and sorting methods and also expected to develop an intuitive understanding of the complexity of these algorithms.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CS 0401 or CS 0422

CS 0446 - INTRODUCTION TO COMPUTER SCIENCE CONCEPTS

Minimum Credits: 3

Maximum Credits: 3

This course provides the student with a basic exposure to all major computer science concepts and specialties. It is not programming intensive, although basic uses of programming languages is a component of the course. Students are to gain an early perspective of computer science and to achieve a common level of knowledge of its major concepts, regardless of which upper-level courses they should later select.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CS 0447 - COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to study the components of computing systems common to most computer architectures. In particular, this class is meant to introduce data representation, types of processors, memory types and hierarchy, and device drivers. The students will learn MIPS assembly language, the design of arithmetic and logic units, and basic designs for RISC processors.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CS 0401 or CS 0422

CS 1902 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 3

This course is designed to give students the opportunity to design a plan of study to be agreed upon by the student and a supervising faculty member. This course does not satisfy the computer science capstone requirement.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

CS 1950 - DIRECTED RESEARCH: CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

This course is designed to give students the opportunity to design a plan of study to be agreed upon by the student and a supervising faculty member. Before seeking consent to enroll in this course, Computer Science majors must have completed an introduction to systems software and advanced algorithm data structures. This course satisfies the Computer Science capstone requirement.

Academic Career: Undergraduate
Course Component: Directed Studies
Grade Component: LG/SNC Elective Basis
Course Attributes: Capstone Course

Criminal Justice

CJ 0002 - CRIME, LAW, AND PUBLIC POLICY

Minimum Credits: 3

Maximum Credits: 3

An introduction to crime, criminal law, the administration of justice process, and public policy as it pertains to crime and justice. This is a prerequisite for all required administration of justice courses, but has also been developed as a survey for non-ADMJ majors. Subject matter includes an introduction to the study of crime, a description of the sources, purpose, and application of the criminal law, and an examination of the interplay of politics, the problem of crime, and the implementation of public policies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 0110 - CRIMINOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course involves the scientific study of crime. Subject matter includes the measurement and dimensions of crime, a comprehensive examination of prominent biological, psychological, and sociological theories, an overview of some prominent contemporary issues in criminology, and a description of the structure and function of the criminal justice system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 0130 - CORRECTIONAL PHILOSOPHY: THEORY AND PRACTICES

Minimum Credits: 3

Maximum Credits: 3

This course will introduce the history and philosophy of corrections. Included is the evolution of institutional and correctional practices, and the contemporary approach including new strategies as alternatives to incarceration.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 0145 - DRUGS AND SOCIETY

Minimum Credits: 3

Maximum Credits: 3

This course examines the social implications of the use and abuse of psychoactive substances. Drawing on sociological, psychological, historical, and pharmacological research, questions about individual motivations and consequences, social problems, political and economic issues, and public policy will be explored. The primary focus will be on the United States, but the larger global context will also be considered

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 0210 - AMERICAN SYSTEM OF CRIMINAL JUSTICE

Minimum Credits: 3

Maximum Credits: 3

This course examines the structure and function of the American criminal justice system. Subject matter involves an examination of criminal procedure as it has been established by the U.S. Constitution, state constitutions, and judicial interpretations. Case law and the manner in which case law shapes the work activities of criminal justice professionals are emphasized. Critical issues in the administration of justice are also examined (alternatives to incarceration, victims' rights, and others).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 0365 - MORAL PHILOSOPHY AND THE LAW

Minimum Credits: 3

Maximum Credits: 3

An exploration of moral perspectives on the law via an examination of such questions as the following: does law have a moral basis or justification? Is there a moral duty to obey the law? Are there objective standards of conduct that are morally binding on everyone? Is it morally proper to use the law in an attempt to coerce moral behavior?

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 0400 - ISSUES IN ETHICS IN CRIMINAL JUSTICE

Minimum Credits: 3

Maximum Credits: 3

This course is in applied ethics in the field of 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, as well as an emphasis on ethical issues unique to the criminal justice community.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1050 - COMPARATIVE CRIMINOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to a global, comparative approach to the study of common law and civil law criminal justice systems and their respective legal traditions (Westernized, Islamic, ancient, socialist, public, private, constitutional, etc.). The course surveys global criminal issues such as the spread of transnational crimes like human, weapon and drug trafficking, terrorism, corporate fraud, war crimes violations and global organized crime. The course examines the organic criminal justice problems various nations face (politically, economically, religiously, socially, historically and geographically) in processing crime, as well as how these same nations respond differentially to problems shared around the globe.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1062 - SOCIAL SCIENCE AND LAW

Minimum Credits: 3

Maximum Credits: 3

This course will examine the interplay between the social sciences (primarily psychology and criminal justice) and the legal system. Specifically, this course will initially provide an overview on social scientific and legal research. This course will then review the different roles played by and services provided by social scientists, and how they interface with the courts throughout the life cycle of criminal and civil cases. These roles and services include the writing and submission of amicus briefs, conducting research and surveys relevant to litigation, serving as experts, mental health

practitioners, and trial consultants. Students should leave this course with a good understanding of social science research, but also the different ways in which social scientists interact with the courts -- and how the courts use social science -- to make legal decisions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 1062 - SOCIAL SCIENCE AND LAW

Minimum Credits: 3

Maximum Credits: 3

This course will examine the interplay between the social sciences (primarily psychology and criminal justice) and the legal system. Specifically, this course will initially provide an overview on social scientific and legal research. This course will then review the different roles played by and services provided by social scientists, and how they interface with the courts throughout the life cycle of criminal and civil cases. These roles and services include the writing and submission of amicus briefs, conducting research and surveys relevant to litigation, serving as experts, mental health practitioners, and trial consultants. Students should leave this course with a good understanding of social science research, but also the different ways in which social scientists interact with the courts -- and how the courts use social science -- to make legal decisions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 1110 - VIOLENT CRIME

Minimum Credits: 3

Maximum Credits: 3

This course will adopt a multi-disciplinary approach in examining the causes and consequences of violent behavior. We will study major theories of violent crime causation, and the relationship between the media, public perception, and public policy. Special topics will include serial murder, mass rape, genocide, domestic violence, and the violence perpetrated by street gangs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1116 - ORGANIZED CRIME

Minimum Credits: 3

Maximum Credits: 3

This course will examine the historical evolution of organized criminal groups in the United States and the influence that foreign criminal cartels have had on American factions. Attention will be paid to the response by law enforcement to this criminal phenomenon, to include the passing of specific statutes to address this criminal behavior.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1125 - HISTORY AND PHILOSOPHY OF LAW ENFORCEMENT

Minimum Credits: 3

Maximum Credits: 3

Introduces various historical and philosophical approaches to law enforcement. Explores origins of policing, philosophical position on nature of law enforcement and its justification, comparisons of various types of policing in different historical epochs, and emergence of bureaucratized urban force.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1126 - RESTORATIVE JUSTICE

Minimum Credits: 3

Maximum Credits: 3

Examines the restorative justice model as a viable form of alternative dispute resolution. Restorative justice will be compared and contrasted with the concepts and practices of the traditional justice system including the police, courts, and corrections. Students will also be introduced to the model of balanced and restorative justice (BARJ) that is utilized within the juvenile justice system in Pennsylvania. The history, theory, and evaluation research surrounding the restorative justice process will also be examined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1130 - MINORITY ISSUES IN CRIMINAL JUSTICE

Minimum Credits: 3

Maximum Credits: 3

This course presents an intense examination of how law and the criminal justice process impact minorities in general and the African-American community in particular. Students are familiarized with pertinent theories and issues, including the historic roles of law and legal institutions in the black community, and employment of blacks in law and criminal justice.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ANTH 0780 or ANTH 0771 or SOC 0020 or CJ 0002

CJ 1135 - CRIMINAL INVESTIGATION

Minimum Credits: 3

Maximum Credits: 3

This course will introduce the students to the field of investigations and serve as the foundation for criminal forensics. Topics will include principles of interviewing and interrogations, eyewitness identification of persons and things and analysis of crime scenes. An overview of the processes involved in the use of evidence and the challenges they face in the court system. Significant court decisions will be summarized.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1138 - CRIMINAL JUSTICE ETHICS

Minimum Credits: 3

Maximum Credits: 3

This course examines the ethical dilemmas and questions that arise in policing, corrections and the judiciary. Various philosophical perspectives will be discussed and applied via practical case studies. Additionally, students will explore how the criminal justice system addresses competing interests in various ethical scenarios; the legal impact of certain types of ethical misconduct; and how the criminal justice system attempts to prevent and address ethical misconduct.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1148 - DELINQUENCY AND JUVENILE JUSTICE

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to understand the nature of juvenile delinquency and the treatment of juveniles within the juvenile justice system. The course defines the term, juvenile delinquency, provides overview of theories of delinquency, as well as risk factors for delinquent behavior. It traces

the history of the juvenile justice system and provides an overview of the various dispositions for adjudicated youth. Critical supreme court cases, involving juvenile offenders are also considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1198 - INTERNSHIP

Minimum Credits: 3

Maximum Credits: 3

Internship in Criminal Justice

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Senior; (CJ 0002 or SOC 0020), and CJ 0110, CJ 0210, CJ 0130, CJ 1125

CJ 1199 - RESEARCH PRACTICUM

Minimum Credits: 1

Maximum Credits: 3

Research opportunities in criminal justice

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002, 0110, 0210, 0130, 1125

CJ 1202 - AMERICAN CONSTITUTIONAL LAW

Minimum Credits: 3

Maximum Credits: 3

A study of the interpretation of the constitution by the supreme court and of the place of the court in the American political system. Topics include the development of judicial review, civil and political rights, national and state powers over the economy, and the powers of the president. Major emphasis is given to the courts policymaking roles and to its decisions in the area of civil liberties and rights.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 1220 - NARCOS AND JUSTICE: THE FAILED DRUG WARS IN LATIN AMERICA AND THE UNITED STATES

Minimum Credits: 3

Maximum Credits: 3

This course explores the history of narco trafficking and the justice systems in both Latin America and the United States from the 1960s to the present. The course emphasizes how different Latin American countries and the United States responded and continue to respond to the proliferation of the illicit drug trade and its consequences, including the increase in violence and criminal activity, and the social repercussions of these actions on local communities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

CJ 1220 - NARCOS AND JUSTICE: THE FAILED DRUG WARS IN LATIN AMERICA AND THE UNITED STATES

Minimum Credits: 3

Maximum Credits: 3

This course explores the history of narco trafficking and the justice systems in both Latin America and the United States from the 1960s to the present. The course emphasizes how different Latin American countries and the United States responded and continue to respond to the proliferation of the illicit drug trade and its consequences, including the increase in violence and criminal activity.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 1230 - CRITICAL ISSUES IN CONTEMPORARY CORRECTIONS

Minimum Credits: 3

Maximum Credits: 3

This course will use as a departure, the concepts learned in CJ 0130. It will be divided into three parts. First, it will reconsider the general justifications of punishment and how various sentence options may meet these alternatives. Second, it will examine current issues, including aging inmates, education in prison, and women in prison. Third, it will examine innovations in prisons, including privatization of prisons.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 1248 - WOMEN AND CRIME

Minimum Credits: 3

Maximum Credits: 3

This course examines the nature of female offenders, the response of the criminal justice system to them, and the applicability of criminological theories to female delinquency and criminality. The course also deals with the way female victims are treated by the system and the experience of women working within the criminal justice field.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 1250 - JUNIOR SEMINAR

Minimum Credits: 3

Maximum Credits: 3

Topic determined by the instructor. This is a writing intensive course that satisfies the comp 3 requirement for Criminal Justice majors.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020 and SOCSCI 0200; CJ major; LVL:Junior

CJ 1255 - SENTENCING AND MODERN REFORM

Minimum Credits: 3

Maximum Credits: 3

This course takes an in-depth examination into modern sentencing reform in the United States. It highlights the historical background of sentencing practices and details the goals of modern reforms. It provides an empirical assessment of whether the reforms have met their goals, an overview of relevant Supreme Court cases, and a consideration of the monetary and social costs of modern sentencing practices. The course ends with examining recent calls to "reform the reforms" and considers the future of sentencing practices in the United States.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1260 - RAPE AND SEXUAL ASSAULT 101: A GLOBAL PERSPECTIVE

Minimum Credits: 3

Maximum Credits: 3

This course will explore the wide variety of definitions of rape in the United States and throughout the world. It will provide a global perspective of how rape and sexual assault are measured. It will examine how rape and sexual assault victims are treated in various parts of the world. It will describe prevention strategies that can/are taken by various societies. Also, a discussion of treatment programs (if any) for survivors of rape and sexual assault in different areas of the globe will complete the class.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 1260 - RAPE AND SEXUAL ASSAULT 101: A GLOBAL PERSPECTIVE

Minimum Credits: 3

Maximum Credits: 3

This course will explore the wide variety of definitions of rape in the United States and throughout the world. It will provide a global perspective of how rape and sexual assault are measured. It will examine how rape and sexual assault victims are treated in various parts of the world. It will describe prevention strategies that can/are taken by various societies. Also, a discussion of treatment programs (if any) for survivors of rape and sexual assault in different areas of the globe will complete the class.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CJ 1310 - ENVIRONMENTAL CRIMINAL JUSTICE

Minimum Credits: 3

Maximum Credits: 3

This course introduces the student to the role of criminal justice in protecting and regulating the environment at both the micro and macro level. This includes environmental crimes of climate, water, air, ground, noise pollution and pollution found in the human body. The emerging field of environmental criminal justice demands fair treatment of all peoples with respect to environmental laws and their implementations including the right to safe and clean resources, work environments and living environments.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1518 - WHITE COLLAR CRIME

Minimum Credits: 3

Maximum Credits: 3

This course will examine the offenses related to white collar crime and the differences between these types of deeds, crimes of opportunity and violent crimes. In addition, the unique nature of this criminal behavior and the actor's reliance on the victim to assist in the wrongdoing will be addressed. Attention to the role of law enforcement and the problems associated with the investigation of white collar crime will be discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1520 - VICTIMOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course traces the development of the field of victimology. It first examines the term "victim" and then provides an overview of the incidence, patterns, and consequences of criminal victimization. This course places special emphasis on victimization on college campuses and violence against women. It concludes by discussing victims' programs and services.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: CJ 0002 or SOC 0020

CJ 1750 - SPECIAL TOPICS

Minimum Credits: 3
Maximum Credits: 3
Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

CJ 1901 - INDEPENDENT STUDY

Minimum Credits: 1
Maximum Credits: 6
Allows advanced students to pursue topics and research of special interest which are not otherwise available.
Academic Career: Undergraduate
Course Component: Independent Study
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: Junior; CJ 0002 or SOC 0020

CJ 1901 - INDEPENDENT STUDY

Minimum Credits: 1
Maximum Credits: 6
Allows advanced students to pursue topics and research of special interest which are not otherwise available.
Academic Career: Undergraduate
Course Component: Independent Study
Grade Component: LG/SNC Elective Basis

CJ 1910 - TEACHING AND RESEARCH IN CRIMINAL JUSTICE

Minimum Credits: 1
Maximum Credits: 3
This course allows students the opportunity to assist the instructor, tutor students and/or work on research projects.
Academic Career: Undergraduate
Course Component: Practicum
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: Senior; (CJ 0002 or SOC 0020) and SOC 0110, SOC 0210, SOC 0130, SOC 1125

CJ 1950 - SENIOR SEMINAR

Minimum Credits: 3
Maximum Credits: 3
Senior seminar for criminal justice majors.
Academic Career: Undergraduate
Course Component: Seminar
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: CJ 1250 and SOCSCI 0200; LVL: Senior

CJ 1969 - SPECIAL TOPICS - STUDY ABROAD

Minimum Credits: 1
Maximum Credits: 1
The study of special topics related to a study abroad experience.

Academic Career: Undergraduate
Course Component: Directed Studies
Grade Component: LG/SNC Elective Basis

Economics

ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY

Minimum Credits: 3

Maximum Credits: 3

Introduction to principles of economic analysis as applied to the study of prices and markets. The course builds a theoretical basis for understanding producer and consumer behavior, and prepares students to appreciate the importance of markets in our economic system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY

Minimum Credits: 3

Maximum Credits: 3

An introductory course which develops the basic tools needed to analyze the behavior of various macroeconomic phenomena including inflation, gross domestic product, and unemployment. In addition, these tools are used to study how and whether the government can impact the behavior of the overall economy. Finally, the course looks at the role various institutions such as banks and the stock and bond markets play in affecting the economic environment.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

ECON 0130 - THE GLOBAL ECONOMY

Minimum Credits: 3

Maximum Credits: 3

Building on the economic tools and concepts from introduction to macroeconomics and business calculus, this course will focus on the economic performance of countries in a global environment. Why are some countries so rich and some so very poor? Why are some poor countries able to catch up, while some rich countries sometimes fall behind? What explains variations in countries growth rate? What accounts for periodic financial panics and crisis? Why do countries trade so much? Is Globalization a problem or a solution? As we work our way through these questions/topics, we will consider their impact on the performance of savings and investment, productivity, capital and labor markets, legal and political institutions, monetary and fiscal policies, and international flows of goods and capital.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ECON 0100 and ECON 0110

ECON 0134 - PUBLIC ECONOMICS

Minimum Credits: 3

Maximum Credits: 3

This course explores current issues related to expenditure policies of governments, including the effects of government intervention on economic outcomes. Topic includes how alternative economic theories are used to provide intellectual justification for ideological, moral and ethical beliefs as in the use of public partnerships in education, health care and the future of social security. The course also evaluates topical dilemmas in government policy on the provision of such public goods based on certain criteria for evaluating government actions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: ECON 0100

ECON 0150 - ECONOMIC DATA ANALYSIS

Minimum Credits: 3

Maximum Credits: 3

An introduction to economic data and statistical concepts. Topics covered include: measures of location and dispersion and introduction to probability theory; characteristics of probability distributions; sampling theory, point estimation and hypothesis testing. Correlation analysis and the linear regression model are treated with special emphasis placed on the construction, estimation, and interpretation of economic models. Emphasis is placed on understanding and using statistical concepts rather than on proving theorems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CS 0098 and STAT 0200 or higher

ECON 0220 - INTRO TO HEALTH ECONOMICS

Minimum Credits: 3

Maximum Credits: 3

This course applies microeconomic analysis to the allocation of resources and consumption of products within the health care economy. It will allow students to develop an understanding of microeconomic theory, in particular as it is applied to real world problems. Also it will provide students with knowledge of the economic aspects of health care in the US and related policy. Unique features of health care which interfere with competitive market allocation and pricing will be emphasized.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ECON 0100

ECON 0835 - GOVERNMENT AND THE ECONOMY

Minimum Credits: 3

Maximum Credits: 3

This course is concerned with government intervention into markets as a corrective measure to market failure. Issues involving public policy, regulation, de-regulation, and anti-trust will be analyzed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ECON 0100

ECON 1745 - SPECIAL TOPICS - STUDY ABROAD

Minimum Credits: 1

Maximum Credits: 3

The study of special topics related to a study abroad experience.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

ECON 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 12

Student designed project of study in a particular area of economics. Supervised closely by a faculty member.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: Letter Grade
Course Attributes: Capstone Course

Educational Foundations, Organization, and Policy

EFOP 1001 - SOCIAL FOUNDATIONS OF EDUCATION

Minimum Credits: 3

Maximum Credits: 3

Students in the course have the opportunity to develop a foundational understanding of the dynamics of schooling in society by addressing the cultural aspects that underlie society's educational ideas and practices. Through an interdisciplinary approach, readings and activities are designed for school practitioners, or those contemplating careers in education, to engage in the study of those cultural aspects and consequences. The general intent of foundational study is to introduce students to interpretive uses of knowledge germane to education and to establish a basis for lifelong learning through normative and critical reflection on education within its historical philosophical, cultural and social contexts. Special emphasis is focused on the role of schooling in cultivating the habits necessary for democratic citizenship which include ongoing efforts to secure equitable and just social relations, and to advance the common good.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PLAN: Pre-Education majors or Education minors

Course Attributes: African Studies

EFOP 1010 - FIRST FIELD EXPERIENCE

Minimum Credits: 1

Maximum Credits: 1

Students participate in ten hours of direct observations of one or more classrooms or student-related experiences to supplement the content received in a social foundations of education course. This course is required of education transfer students who earned credit for social foundations at another school and did not take ADMPS 1001 at Pitt-Greensburg.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Satisfactory/No Credit

ELED 0020 - DIRECTED TUTORING IN ELEM ED

Minimum Credits: 1

Maximum Credits: 3

Provides elementary education and pre-education majors with tutoring experiences in area school districts or other field settings.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

ELED 1900 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 3

Course content to be decided between the professor and the student.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

Educational Psychology

EDPSY 0009 - ENGLISH LANGUAGE LEARNERS

Minimum Credits: 1

Maximum Credits: 1

Designed primarily for pre-service teachers, this course familiarizes students with basic materials, resources, and strategies for making appropriate accommodations in the regular classroom setting for students whose primary language is not English.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: ADMPS 1001; PSY 0010

Engineering

ENGR 0015 - INTRODUCTION TO ENGINEERING ANALYSIS

Minimum Credits: 3

Maximum Credits: 3

This course will provide an introduction to Excel and an introduction to design and entrepreneurship. In addition, we will address teamwork and professional integrity, both important aspects of engineering. This is a team-based, hands-on course, in which most of our class time will be spent working in teams to solve problems and participate in discussions, using what we learn in the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: COREQ: MATH 0200

ENGR 0016 - INTRODUCTION TO ENGINEERING COMPUTING

Minimum Credits: 3

Maximum Credits: 3

In this course, we will learn basic programming skills using MATLAB and C. In addition, we will address teamwork and professional integrity, both important aspects of engineering. This is a team-based, hands-on course, in which most of our class time will be spent working in teams to develop programs, solve problems, and participate in discussions, using what we learn in the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: ENGR 0015

ENGR 0081 - FRESHMAN ENGINEERING SEMINAR 1

Minimum Credits: 0

Maximum Credits: 0

An in-depth orientation in the various areas of engineering and the related fields of employment. Includes small group meetings with departmental representatives and special freshman academic advisors. A formal departmental choice is made at the conclusion of these courses.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: H/S/U Basis

ENGR 0082 - FRESHMAN ENGINEERING SEMINAR 2

Minimum Credits: 0

Maximum Credits: 0

An in-depth orientation in the various areas of engineering and the related fields of employment. Includes small group meetings with departmental representatives and special freshman academic advisors. A formal departmental choice is made at the conclusion of these courses.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: H/S/U Basis

English Composition

ENGCOMP 0010 - COLLEGE COMPOSITION 1

Minimum Credits: 3

Maximum Credits: 3

Explicitly teaches the limits and basic structures of the sentence, the paragraph and the essay. Expository strategies are also explored. Additional competencies include, but are not limited to, standard English grammar; logical progression of thought; clear, effective sentences and diction; mechanics; and format.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGCOMP 0011 - COMPOSITION RECITATION

Minimum Credits: 1

Maximum Credits: 1

This class teaches students how to write academic essays. They will learn how to establish a clear purpose for writing; to identify and respond appropriately to the needs of various audiences; to write in a variety of rhetorical modes; to understand and critically read a range of student, journalistic, academic and professional writing; to develop flexible strategies for generating ideas, revising, editing, and proofreading; to craft a clear and focused thesis statement and an organized structure of supporting claims; to employ evidence and offer support for claims; and to follow the rules of standard, edited American English.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGCOMP 0020 - COLLEGE COMPOSITION 2

Minimum Credits: 3

Maximum Credits: 3

In addition to continuing to advance the goals of college composition 1, this class teaches students how to write an academic research paper. They will learn how to choose and focus on an appropriate research topic; to evaluate, select, and organize relevant research material from both print and electronic sources; to draft and revise an essay that draws on relevant research material in order to make an original argument; to analyze and synthesize information from sources and integrate it smoothly and coherently into their own discourse; to distinguish summary, paraphrase, and quotation from plagiarism, and thus ensure that both the wording and the sentence structure of summaries and paraphrases are essentially students' own; and to properly use MLA documentation format for in-text and external bibliographic citations of scholarly, popular, and electronic sources

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0010 or placement

ENGCOMP 0030 - COLLEGE COMPOSITION 3

Minimum Credits: 3

Maximum Credits: 3

This class teaches students how to write within the discipline or area of the major, so as to demonstrate sufficient subject-area knowledge of the field or discipline. Essays will reflect an awareness of disciplinary purposes, audiences, contexts, and genres of writing, as well as published research within the field or discipline. Students will also learn disciplinary conventions of documentation style. Depending on the academic program, students. Will take a writing-intensive or 'w' course that counts as a college composition 3 equivalent.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020; LVL: Junior

ENGCOMP 0031 - BUSINESS WRITING

Minimum Credits: 3

Maximum Credits: 3

This course will help students gain experience in writing work-related letters and memos, a short report, and a long report; the kinds of writing done in business fields. Students will learn how to write documents that effectively meet the needs of particular readers (such as customers, clients, co-workers, and employers). The course will also help students master the standard formats of business writing; develop a reader-friendly style; refine their editing techniques; control tone, diction, sentence structure, and paragraphing; improve their research methods; grasp the fundamentals of the modern language association's documentation system of parenthetical in-text citations; and review the most important principles of grammar, punctuation, and mechanics as they apply to the business world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020; PLAN: Management, MIS, or HCM major LVL: Junior

ENGCOMP 0032 - WRITING IN THE SOCIAL SCIENCES

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to writing in the social sciences, with an emphasis on using the APA style (American psychological association). Students will develop analytical and critical thinking skills within the context of social science disciplines, and to prepare for the capstone course in various behavioral science majors. Emphasis will be placed on the process of formulating a research question and thesis; we will also address argument, evidence, interpretation, methodology, and critique in social science research.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020

ENGCOMP 0905 - COLLEGIATE READING

Minimum Credits: 3

Maximum Credits: 3

Develops reading skills that will contribute to success in college and in life. Explicitly teaches vocabulary development and enrichment, various comprehension strategies, including context clues, sentence patterns, and paragraph and essay components through interesting, thought-provoking readings. Additional competencies include, but are not limited to, skills for critical reading and thinking and for finding appropriate reading rates.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGCOMP 1150 - GRAMMAR AND COPY-EDITING

Minimum Credits: 3

Maximum Credits: 3

After a brisk review of the fundamentals of grammar and punctuation, this course will help students learn to operate the American English language with precision, force, and elegance by accommodating themselves to the precepts that govern the prose in fastidiously edited books and magazines. Emphasis is practical rather than theoretical. The course will be especially pertinent to students preparing for careers in writing, editing, teaching, communications, and the mass media. This course may not be used as a substitute for ENGCOMP 0030 (college composition 3).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020; LVL Junior

English Literature

ENGLIT 0066 - INTRO TO SOCIAL LITERATURE

Minimum Credits: 3

Maximum Credits: 3

Examines the changing social pressures and forces in the 19th and 20th centuries through an analysis of major works by Twain, Dickens, Steinbeck, Williams, Golding, Miller, and Hemingway.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 0110 - INTRODUCTION TO LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to an understanding and appreciation of the major literary genres including the poem, the drama, the short story, and the novel. A range of types and themes will be examined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 0140 - HISTORY OF THE BOOK: ENGLISH LITERATURE CROSSLIST

Minimum Credits: 3

Maximum Credits: 3

This course examines European book history in global context, from clay tablets through the age of print. Focusing primarily on the medieval and early modern periods, it considers the history of the book from several perspectives: as a story of technologies, both manual (papermaking, printing) and intellectual (literacy, memory), as a story of artistic and cultural forms, as a story of reading, and as a story of global networks. We will consider issues including forgery; censorship; the role of political, religious, and economic forces in the production of books; the development of trust in the written word; the history of libraries; and the formation of reading communities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 0310 - THE DRAMATIC IMAGINATION

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to the major dramatic forms and compares the ways playwrights from several centuries use ideas, characters and dramatic techniques. We will consider how social, historical, and dramatic contexts influence our interpretations and evaluation, or may lead to alternative understandings of a play.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

ENGLIT 0312 - AMERICAN OUTDOOR LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course investigates the American literary and philosophical movement known as Transcendentalism. This course covers not only the writings of prominent Transcendentalist movement figures but also contemporary authors who were skeptical, and critical, of their teachings. Beyond physical texts, online databases will be consulted in order to achieve a comprehensive view of the movement. In order to integrate different styles of learning, this course will be conducted in three locations: the classroom, online, and outdoors.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ENGLIT 0315 - READING POETRY

Minimum Credits: 3

Maximum Credits: 3

Poetry is usually the first literary form to evolve in a culture. Yet many today reject it as artificial, overly refined and removed from ordinary human experience. By studying various kinds of poetry, this course aims to help students break down the barriers between classic poems, contemporary poetry, and a more general lyric impulse. As the most highly condensed literary experience, poetry invites very close reading, so we will explore various techniques for making sense of poems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

ENGLIT 0325 - THE SHORT STORY

Minimum Credits: 3

Maximum Credits: 3

This course studies short stories that explore a variety of themes. It seeks to define the short story as a specific literary genre and to distinguish it from earlier forms of short narrative literature. It then goes on to examine the effects of literary, cultural and historical traditions on these stories and their reception.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

ENGLIT 0327 - LATIN AMERICAN FILM AND LITERATURE IN TRANSLATION

Minimum Credits: 3

Maximum Credits: 3

This course pairs contemporary literature and film to offer an in-depth look at Latin America via authentic cultural forms. We will explore how Latin American writers and filmmakers distinguish themselves from European and North American traditions, particularly from the filmmaking of Hollywood. We will connect readings and viewings to contemporary political trends in Latin America, including the intellectual push for "decolonization." The course is taught in English, and readings are in English translation. Students seeking SPAN credit must read and write in Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ENGLIT 0355 - DIGITAL HUMANITIES

Minimum Credits: 3

Maximum Credits: 3

A broad overview of the many intersections of computational technologies and traditional Humanities disciplines, this course focuses on the following: Electronic Art and Literature, New Media, Digital Subcultures, Game Studies, Computational Cultural Studies, Digital Archives, and Technological Convergence. Much of the coursework is inspired by the ethos of collaboration, collective intelligence, and participatory culture, and it assumes that the human is at the center of technological advancement, that emerging technologies can help us create new works of art that resist description and genre classification, and that computers can help us better understand and appreciate human culture and creative expression.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ENGLIT 0360 - WOMEN AND LITERATURE

Minimum Credits: 3

Maximum Credits: 3

An exploration of writings by and about women. Through our reading of various literary forms -- poetry, fiction, autobiography -- we will explore the aspirations and realities of women's lives. We will consider how social issues -- class, race, etc. -- Affect women writers.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

ENGLIT 0500 - INTRODUCTION TO CRITICAL READING

Minimum Credits: 3

Maximum Credits: 3

This course studies three to five significant literary works in conjunction with influential criticism on each text. Students explore the uses and limits of different critical methods. The course seeks to develop a critical understanding of both classic literary texts and dominant modes of reading as changing cultural practices.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

ENGLIT 0530 - FILM ANALYSIS

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to the art of the cinema, and to the techniques for its formal and iconographic analysis. It examines the nature of shot composition and visual framing, the use of color, the role of lighting as a pictorial element, the potentials of camera movement, the modes of editing and the nature of image/sound montage. It also introduces students to dominant cinema forms--narrative, experimental, documentary, etc.--And connects the cinema to visual arts (like painting and sculpture).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Children's Literature, DSAS The Arts General Ed. Requirement, Film Studies, SCI Polymathic Contexts: Humanistic GE. Req.

ENGLIT 0550 - INTRODUCTION TO POPULAR CULTURE

Minimum Credits: 3

Maximum Credits: 3

This course covers texts from American mass culture-popular fiction, advertising, popular music, television, etc. It will explore methods of analyzing these texts, discovering what these products have in common and what distinguishes them from other cultural artifacts.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: Children's Literature, DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., West European Studies, Writing Intensive Course (WRIT)

ENGLIT 0570 - AMERICAN LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This first course in American literature explores the characteristic features of writings from the colonial period to the present. It emphasizes the interaction between literary texts and their social contexts, and examines the emergence of a national literature.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

ENGLIT 0580 - INTRODUCTION TO SHAKESPEARE

Minimum Credits: 3

Maximum Credits: 3

This course will focus on a number of Shakespeare's major plays from all phases of his career. Class discussion will consider the historical context of the plays, their characterization, theatrical technique, imagery, language and themes. Every attempt will be made to see the plays both as poems and as dramatic events.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Humanistic GE. Req., West European Studies, Writing Intensive Course (WRIT)

ENGLIT 0625 - DETECTIVE FICTION

Minimum Credits: 3

Maximum Credits: 3

This course examines detective fiction in terms of its history, its social meaning and as a form of philosophizing. It also seeks to reveal the place and values of popular fiction in our lives.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SU3 Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

ENGLIT 0626 - SCIENCE FICTION

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to the major ideas, themes, and writers in the development of science fiction as a genre. Discussions will help students to understand and use critical methods for the analysis of science fiction. The topics covered include problems describing and defining the genre, contrasting ideologies in soviet and American science fiction, the roles of women as characters, readers and writers of science fiction, etc.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

ENGLIT 0643 - SATIRE

Minimum Credits: 3

Maximum Credits: 3

This course studies satire in general, the techniques of certain satires in particular and the expression of satiric attitudes. We will examine satires from various times and countries so that we can better understand what satire is, how it differs from other literary forms and its function within the culture that produces it.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

ENGLIT 0650 - IRISH LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course will introduce students to nonfiction, fiction, drama, and poetry by Irish writers, including Jonathan swift, William Butler Yeats, Oscar Wilde, James Joyce, Samuel Beckett, Seamus Heaney, Evan Boland and Roddy Doyle. Students will become familiar with a variety of literary styles, studied in the context of Irish history, politics and culture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 0660 - LITERARY FAME

Minimum Credits: 3

Maximum Credits: 3

This course investigates the creation of literary fame: how particular authors, literary works, characters, and even particular lines and phrases became famous and stayed in circulation in English-speaking culture, and why they dropped out of circulation. In part, then, this is an investigation of canonicity, not concerned with abstract ideas of what makes works of literature great so much as investigating the cultural mechanisms and patterns by which works and lines establish themselves in culture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 1012 - 18TH-CENTURY BRITISH LITERATURE

Minimum Credits: 3

Maximum Credits: 3

Examines the major British and American writers during this period of intellectual ferment. Those to be examined include Dryden, Pope, Swift, Johnson, Franklin, Paine, Jefferson, and Washington.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

ENGLIT 1100 - MEDIEVAL IMAGINATION

Minimum Credits: 3

Maximum Credits: 3

This course explores some of the ways people in the middle ages saw the world around them. We will try to understand those perceptions by reading a variety of literary works, by comparing those works to other art forms and by examining similar kinds of experience in the modern world.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCMP 0020; LVL: Sophomore

Course Attributes: DSAS Literature General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

ENGLIT 1125 - MASTERPIECES OF RENAISSANCE LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course studies prose, poetry and drama written in England between 1550 and 1660--an age of religious reformation, economic and social instability, intellectual revision and political revolution. It seeks to make sense of the renaissance in terms appropriate both to that time and to our own.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCMP 0020; LVL: Sophomore

Course Attributes: DSAS Historical Analysis General Ed. Requirement, DSAS Literature General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Humanistic GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

ENGLIT 1175 - 19TH CENTURY BRITISH LITERATURE

Minimum Credits: 3

Maximum Credits: 3

A study of the major writers and cultural issues of 19th century Britain situated in relation to the social and intellectual developments of the time.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or permission of instructor

Course Attributes: DSAS Historical Analysis General Ed. Requirement, DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

ENGLIT 1210 - THE AMERICAN RENAISSANCE

Minimum Credits: 3

Maximum Credits: 3

This course surveys the flowering of American literature during the first half of the nineteenth-century. It analyzes the struggle of American writers to develop a new national literature.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

Course Requirements: PREQ: ENGCOMP 0020; LVL: Sophomore

ENGLIT 1215 - PRE-20THC AMERICAN LITERATURE

Minimum Credits: 3

Maximum Credits: 3

Surveys a major author's genres and themes from the 17th through the 19th century. Introduces the student to the puritan, neoclassical, romantic, and realist movements.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

ENGLIT 1241 - JANE AUSTEN: BOOKS & FILM

Minimum Credits: 3

Maximum Credits: 3

This course will cover four of the novels of Jane Austen (Northanger Abbey, Sense and Sensibility, Pride and Prejudice, and Emma), and their film and television series equivalents, plus one very recent derivative novel, Helen Fielding's, "Bridget Jones's Diary" (and its film version). The point of the course would be to refine students' sense of how to read both novels and films and simultaneously to sharpen their sense of a historical period in some cultural detail and examine the cultural and aesthetic values of their own post-modern era.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 1248 - LITERATURE OF MINORITY WOMEN

Minimum Credits: 3

Maximum Credits: 3

Through a close study of literary works by minority women writers of North America, particularly African/Asian American writers, the course intends to help students develop a clear understanding and a critical appreciation of these different 'strands' in North American culture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 1325 - MODERNISM

Minimum Credits: 3

Maximum Credits: 3

This course examines major works in the modernist tradition poetry, fiction, drama--to determine the role these texts have played in creating the world that seems so familiar to us now.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or permission of instructor

Course Attributes: DSAS Historical Analysis General Ed. Requirement, DSAS Literature General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Humanistic GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

ENGLIT 1380 - WORLD LITERATURE IN ENGLISH

Minimum Credits: 3

Maximum Credits: 3

This course examines contemporary literature, primarily in English, written in eastern Europe, Africa, Latin America, etc. It pays particular attention to its depiction of social, political and moral concerns.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: African Studies, DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Diversity General Ed. Requirement, DSAS Literature General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req.

ENGLIT 1552 - HISTORY OF THE ENGLISH LANGUAGE

Minimum Credits: 3

Maximum Credits: 3

A survey of the linguistic development of English from Anglo-Saxon times to the present. Attention given to basic linguistic structures and discursive practices and to the social and historical conditions under which they change.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCMP 0020

ENGLIT 1611 - DEVELOPMENT OF THE NOVEL

Minimum Credits: 3

Maximum Credits: 3

This course studies the development of the novel as a literary practice. Readings will reveal significant contributions to the definition of the novel; the characteristics that identify the novel, historical developments that led to its creation, and its dominant subjects.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCMP 0020; LVL: Sophomore

ENGLIT 1640 - LITERATURE FOR CHILDREN

Minimum Credits: 3

Maximum Credits: 3

This course examines literature that has been and is being read by children. There are units on fairy tales, myths and legends, poetry and fiction as well as more "realistic" fiction. The approach is historical, critical and creative.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCMP 0020

ENGLIT 1645 - CRITL APPRCH TO CHILDREN'S LIT

Minimum Credits: 3

Maximum Credits: 3

This course examines a variety of children's books from a number of theoretical perspectives; historical, feminist, transactional, structuralist, etc. The

implications of theory will be emphasized. We will place children's books and reading in the wider context of the emotional, cognitive, and moral development of the child, the popular culture of childhood, and contemporary multicultural society.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGLIT 1640 or ENGLIT 1647

Course Attributes: Childrens Literature, DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

ENGLIT 1647 - LITERATURE FOR ADOLESCENTS

Minimum Credits: 3

Maximum Credits: 3

This course will read classics as well as modern works written specifically for an adolescent audience. We will also read and discuss sociological and psychological constructions of adolescents and books on pedagogy.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020; LVL: Sophomore

ENGLIT 1725 - ASIAN NORTH AMERICAN FILM AND LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course introduces the selected works by Asian North American writers of Chinese, Japanese, Indian, and Korean descent. Literary analysis will focus on the theme, form, style, language, and structure of works from a variety of genres, including essays, poetry, short stories, novels, drama, and film. A critical reading and comparing these selected texts intend to help students recognize Asian North American literary writings as part of the rich diversity of American cultural and literary traditions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 1820 - THE PLAGUE NOVEL

Minimum Credits: 3

Maximum Credits: 3

This course examines the literary representations of the Plague in a variety of novels, and it is intended as a companion course to "Black Death: Plague and History." Combined, these courses strive to explain the many effects this pandemic had, and continues to have, on humanity's endeavors over the last six centuries. Individually, this course investigates how authors have used this epidemic as setting for works of fiction, ranging from Historical and Philosophical to outright Science Fiction. Throughout the course, we will explore how the Plague has become a powerful metaphor for civilization's most distressing circumstances.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGLIT 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 6

This option permits students to design their own course with the approval of a department faculty member.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

ENGLIT 1905 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

This course enables students to combine academic training and practical work experience related to the major.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

ENGLIT 1950 - ENGLISH LITERATURE CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Capstone course for senior English literature majors.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Senior

English Writing

ENGWRT 0410 - INTRODUCTION TO CREATIVE WRITING

Minimum Credits: 3

Maximum Credits: 3

This is the gateway course for students interested in all genres of creative and professional writing. Students will read classic and contemporary writers and poets to learn such basic components as scene, setting, dialogue, image, line, and meter. Students work together and with the professor in several workshop sessions as the students compose essays, short stories, and poems. Students are also encouraged to submit to and join the staff of Pendulum, the student literary magazine, and The Insider, the student-run, student-edited campus newspaper. Students will also be encouraged to participate in the campus literary community, including the Creative Writing Club and the monthly Voices reading series. Visiting authors and poets enhance the experience in this course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020 or permission of instructor

ENGWRT 0411 - INTRODUCTION TO CREATIVE NONFICTION

Minimum Credits: 3

Maximum Credits: 3

This course will introduce undergraduates to creative nonfiction, a genre that often borrows from fiction writer's techniques while sticking to the facts. Genre includes personal essay, new journalism, memoir and quality feature writing.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020

ENGWRT 0520 - INTRODUCTION TO FICTION WRITING

Minimum Credits: 3

Maximum Credits: 3

This first course in the fiction sequence introduces students to aspects of prose fiction--plot, point of view, characterization, conflict, etc. Students may write exercises on these aspects of fiction, write one or more short stories and revise frequently. Students will also read representative stories and explore their use of particular fictional techniques.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: ENGCOMP 0020

ENGWRT 0530 - INTRODUCTION TO POETRY WRITING

Minimum Credits: 3

Maximum Credits: 3

Through writing exercises, analysis of modern and contemporary poetry and frequent revision of their own poetry, students learn the basic elements of poetry writing.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020

Course Attributes: DSAS Creative Work General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

ENGWRT 0550 - FUNDAMENTALS OF NEWS REPORTING

Minimum Credits: 3

Maximum Credits: 3

The internet has led newspapers, corporations and non-profit agencies to create websites that dispense news and information 24 hours a day, seven days a week, and these agencies need people who can write efficiently in that style. This makes clear, concise, accurate writing - the basis of all news reporting - more important than ever. In fundamentals of news reporting, students will learn to identify news, write effective summaries of the information, structure stories well, conduct research, and identify sources of reliable facts and informed opinions. Students will write about their surrounding communities: the University, Oakland, the city of Pittsburgh. The course will also include lectures and discussions about media law and ethics.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020 or permission of instructor

Course Attributes: Writing Requirement Course

ENGWRT 1010 - INTERMEDIATE FICTION

Minimum Credits: 3

Maximum Credits: 3

Students work on writing short stories and read a wide range of stories. Students can expect to revise their work regularly. Class sessions will address problems in fiction writing -- from plot to characterization, from point-of-view to style.

Academic Career: Undergraduate

Course Component: Workshop

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410 or Instructor Permission

ENGWRT 1012 - DIGITAL STORYTELLING 1

Minimum Credits: 3

Maximum Credits: 3

This gateway course introduces students to the history and transformative power of digital technologies and the ways these technologies influence how we create and share stories today. This class will explore the ways technology helps us tell stories through new and emerging narrative forms, including blogs, podcasts, photo/sensory essays, and other combinations of audio and video forms. Students will study methods digital storytellers use to connect with audiences in unique and intimate ways. Students will create their own stories with specific audiences in mind and will practice storytelling using a variety of digital mediums while constructing their own digital storytelling portfolios to showcase their work. Visiting storymakers will enhance the experience in this course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020

ENGWRT 1022 - DIGITAL STORYTELLING 2

Minimum Credits: 3

Maximum Credits: 3

Digital Storytelling 2 is the advanced-level, follow-up course to Digital Storytelling 1. In this course, students will refine and advance the skills they acquired in ds 1 and use those skills to produce an in-depth personal digital narrative or immersion project.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 1012 or 0410 or Instructor Permission

ENGWRT 1095 - TOPICS IN FICTION

Minimum Credits: 3

Maximum Credits: 3

This course concerns itself with matters of interest in fiction writing; form and technique, contemporary production, and the relation of the fiction writer to his/her society.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410

ENGWRT 1170 - SHORT STORY WORKSHOP

Minimum Credits: 3

Maximum Credits: 3

This course features rigorous discussion of stories written by students as well as stories by contemporary practitioners of literary and genre fiction, including science fiction and fantasy. Each student will write and revise at least four stories over the semester. Students will read a variety of texts that will inspire their own writing. Students will be encouraged to participate in the wider literary community on campus, including joining or contributing to Pendulum, the student literary magazine, and the Creative Writing Club. Guest authors enhance the experience in this course.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410 and ENGCOMP 0020

ENGWRT 1175 - FICTION SEMINAR: FAMILIES AND SMALL TOWNS

Minimum Credits: 3

Maximum Credits: 3

This course examines the various and diverse ways writers define the idea of family and home. Equally varied are the small towns in which these stories take place: we may be in Flannery O'Connor's rural Georgia, or in Jhumpa Lahiri's suburban New England. Or in Greensburg. Or in August Wilson's Pittsburgh. Students will write and revise short stories that concern family matters and take place in small towns - perhaps their own. Students will be encouraged to share their work throughout the university community - through the monthly Voices series, through publishing in the student-run magazine Pendulum, and more.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410

ENGWRT 1210 - POETRY WORKSHOP

Minimum Credits: 3

Maximum Credits: 3

For this advanced poetry writing course, the central text will be the student's own writing. Students will read recently published poetry, regularly write their own poetry and frequently rewrite it.

Academic Career: Undergraduate

Course Component: Seminar
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: ENGWRT 0410

ENGWRT 1250 - FORMAL POETRY WRITING

Minimum Credits: 3

Maximum Credits: 3

This course reviews free verse and then introduces the student to various verse forms of poetry. Examples from many time periods will be studied; however, special focus will be placed on modern and contemporary poets writing in meter. Students will write in free verse and then in various rhymed and unrhymed forms (e.g., the haiku, sonnet, sestina, and villanelle). Emphasis will be on the experimentation with and potential of verse form, not on its perfection.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410

ENGWRT 1290 - READINGS IN CONTEMPORARY POETRY

Minimum Credits: 3

Maximum Credits: 3

This course focuses on American poets who have come to prominence since 1963. We will read widely in the poetry of this period to understand its unique contribution to the development of poetic form and its relationship to the culture that produced it.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410 or Instructor Permission

Course Attributes: Writing Intensive Course (WRIT)

ENGWRT 1293 - TOPICS IN POETRY

Minimum Credits: 3

Maximum Credits: 3

This course concerns itself with matters of interest in poetry writing; form and technique, contemporary production, and the relation of the poet to his/her society.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: Asian Studies

ENGWRT 1310 - ADVANCED JOURNALISM/FEATURE WRITING

Minimum Credits: 3

Maximum Credits: 3

Students in this course learn how to profile individuals, report trends, take polls and write about a community. The course provides hands-on practice in feature writing and a workshop approach to critiquing students' and professionals' work.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0550

ENGWRT 1311 - DIGITAL MEDIA/CREATING MULTI-MEDIA STORIES THAT MATTER

Minimum Credits: 3

Maximum Credits: 3

The tools journalists use to tell impactful, essential, human stories keep changing. This course will focus on using the latest digital tools to create

stories that matter. Students will learn to write and create multi-media feature stories, including but not limited to human-interest pieces, entertainment pieces, travel pieces, works of immersive journalism, and more. Students will engage with a variety of digital-journalism platforms, as well as study contemporary films and documentaries to learn new storytelling techniques.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0550 or Instructor Permission

ENGWRT 1331 - MAGAZINE 1

Minimum Credits: 3

Maximum Credits: 3

Students will learn how to write for the magazine market. The focus is on writing for specific audiences. Students will learn how demographics and editorial vision affect content. They'll practice developing a variety of writer-voices and learn how to write for target markets. They'll find subjects they're passionate about and find target magazine markets that match. Students will generate story ideas, conduct research and reportage, write and re-write and ultimately publish their work either in an on-campus publication or beyond.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410 or ENGWRT 0411, or ENGWRT 0550

ENGWRT 1380 - NEWS PRACTICUM: THE INSIDER

Minimum Credits: 3

Maximum Credits: 3

The Insider is Pitt-Greensburg's student-run, student-edited news source, with publication online and in print. This course is designed for writers, editors, photojournalists, graphic designers, business managers, and editorial cartoonists who would like to be on staff at The Pitt-Greensburg Insider, or for those who aspire to be at-large contributors. This practicum-based course is essential for students who plan careers in journalism, public relations, advertising, social media, and more. In class, we critique the editions of The Insider online and in print. Students learn how to pitch, report, write, and edit stories with the goal of publishing them. Students collaborate with colleagues to strengthen their journalism skills and learn what goes into making excellent reportage. This includes interviewing, researching, writing, placement of stories, and visual journalism, as well as ethics and legal issues. Practicing journalists will visit the class. This three-credit course provides the initial credit for first-time Insider staff members. The course is repeatable (as ENGWRT 1381) for 2 credits to allow students to continue to work on The Insider throughout their time at Pitt-Greensburg. Continuing work on The Insider provides students with an in-depth portfolio of published work and digital journalism experience, which positions them for internships with major news outlets and more.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

ENGWRT 1381 - NEWS PRACTICUM: THE INSIDER

Minimum Credits: 2

Maximum Credits: 2

Students who would like to continue to work on The Insider may continue to receive academic credit by signing up for this repeatable course after completing ENGWRT 1380.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 1380

ENGWRT 1390 - READINGS IN CONTEMPORARY NON-FICTION

Minimum Credits: 3

Maximum Credits: 3

This course familiarizes students with a number of different forms of and approaches to contemporary non-fiction writing.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWR 0410 or ENGWR 0411 or Instructor permission

ENGWR 1395 - PUBLIC RELATIONS WRITING

Minimum Credits: 3

Maximum Credits: 3

This course studies the ways an organization communicates with its public through news releases, speeches, brochures, feature stories, annual reports, etc. The course examines the stylistic choices each writer makes and develops a critical language to describe how meaning is created through the way information is arranged. Issues of the media, ethics, propaganda and the uses of ambiguity will also be addressed.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWR 0410 or ENGWR 0550

Course Attributes: Undergraduate Research, Writing Intensive Course (WRIT)

ENGWR 1410 - TOPICS IN NON-FICTION: MEMOIR

Minimum Credits: 3

Maximum Credits: 3

"A creative writing class is one of the few places where your life still matters," Richard Hugo, a great writer and teacher, once said. That idea is at the center of this course. Students will read a series of memoirs, both classic and contemporary, and examine the ways writers construct the truths of their lives on the page. In conjunction with the assigned readings-which will include work by writers ranging from Ernest Hemingway to David Sedaris, Simone DeBeauvoir to Joan Didion-students will draw from their own life experiences and write a series of essay-length memoirs about the things that matter to them most. Class includes a workshop component that allows students to share their writing each week

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWR 0410 or ENGWR 0411 or ENGWR 0520 or ENGWR 0530

ENGWR 1415 - TOPICS IN NONFICTION WRITING

Minimum Credits: 3

Maximum Credits: 3

Intensive readings- and workshop-oriented course highlighting the various subgenres of creative nonfiction. Topics vary from term to term and include such areas as nature writing, travel writing, food writing, narrative/immersion journalism and more. Students should refer to the specific listing of topics each semester.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREREQ: ENGCMP 0020 and (ENGWR 0410 or ENGWR 0411 or ENGWR 0550)

ENGWR 1420 - BLOGGING: JOURNALISM'S NEXT WAVE

Minimum Credits: 3

Maximum Credits: 3

Requires students to study contemporary blogs -- both good and bad. We'll trace the history of non-traditional reportage and examine the impact bloggers have on other forms of journalism, the quality of blog reportage, how technology is affecting the quality and quantity of traditional reportage, and the problematic and/or empowering position of the "I" in reportage. We'll also examine information overload in the 21st century and work on developing the critical skills necessary to distinguish what is and isn't news, what is and isn't valuable, what is and isn't fair and/or accurate in cyberspace and beyond.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWR 0410 or ENGWR 0411 or ENGWR 0550

ENGWRT 1430 - LITERARY AND ONLINE PUBLISHING

Minimum Credits: 3

Maximum Credits: 3

This course will introduce students to the art and craft of literary and online publishing. Students will research independent literary magazines and small presses, both online and in print. They will learn the basics of literary publishing from both an editorial and an authorial perspective. They will use what they learn to produce an online site featuring the work of Pitt-Greensburg writing program graduates, as well as individual print chapbook-length collections from the English writing program capstone.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410 or Instructor Permission

ENGWRT 1500 - WRITING AND HEALING ARTS: WRITING CHILDHOOD

Minimum Credits: 3

Maximum Credits: 3

This course focuses on writing and reading about childhood. It explores the concept of writing as a healing art and introduces writers to the ways our craft helps us shape and make sense of past experiences while offering new pathways to personal growth. Through both creative-writing prompts, essay writing, and journaling, students will mine their own experiences and share their work in a supportive yet rigorous workshop environment. This course includes an intensive reading list, allowing students to examine the ways other writers engage with the subject of childhood and first moments. Craft lectures focus on helping students shape and polish their work. Guest writers and professionals with expertise in yoga/meditation and creative process will offer additional guidance and insight throughout the term.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020 or Instructor's permission

ENGWRT 1520 - WRITING AND HEALING ARTS: WRITING THROUGH & ABOUT TRAUMA

Minimum Credits: 3

Maximum Credits: 3

"Anything that's human is mentionable, and anything that's mentionable can be more manageable. When we can talk about our feelings, they become less overwhelming, less upsetting, and less scary. The people we trust with that important talk can help us know we are not alone." - Fred Rogers
This writing-centered workshop, driven by the belief that writing is one way to live what Socrates called "the examined life," is designed to provide a supportive space for writers to engage with difficult subjects they are ready to tackle. Students will read a variety of full-length texts in which other writers grapple with their own trauma in whatever ways they define trauma. Using these texts as models, students will write and share their own work in a group workshop environment designed to nurture a community of writers whose common goals include writing, reading, and living well. Craft lectures focus on how to engage with difficult subjects while writing with precision. Guest speakers, including experts in creativity and mental health, provide additional insight and expertise.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ENGWRT 1530 - WRITING AND HEALING ARTS: WRITING AND THE BODY

Minimum Credits: 3

Maximum Credits: 3

The body, our bodies, are our pathways to empathy. They are how we engage with the world and others. They are how we create a sense of both self and "other". They are both universal - we all have one - and deeply personal (we all have only one). They are finite and mortal, yet miraculous. They are changed by place, by illness, by growth, and experience. While we can feel locked in our own skin, we can experience others' bodies through reading, writing, and sharing our lives with others. In this segment of Writing & Healing Arts, students will read a variety of texts that engage with bodies. Using these texts as springboards for their own writing, students will write the texts of their own bodies and share them in a supportive workshop environment. Guest writers and speakers with expertise in movement, mindfulness, and the body-mind connection will enhance the workshop experience.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: ENGCOMP 0020

ENGWRT 1550 - WRITING AND HEALING ARTS: WRITING AS PLAY/EXPERIMENTAL FORMS

Minimum Credits: 3

Maximum Credits: 3

"We are all born/ beautiful / the greatest tragedy is / being convinced we are not." - Rupi Kaur As children, many of us were natural artists and poets, seeing the world fresh and creating freely without fear of doing everything "wrong." This course is designed to help us do what Camus said is the goal of all art: "To gain access to those one or two images that first gained access to our hearts." Using experimental forms-including micro-memoir, flash, ekphrastic poetry, hermit-crab and braided essays and more-this course is designed to unlock writers' creativity and expand their potential for storytelling. In this course, students will read a variety of full-length texts that engage with experimental forms. Using these texts as models, students will create a variety of pieces that allow for both playful openness and craft-centered revision. Students will share their work in a supportive, yet rigorous, workshop environment.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020

ENGWRT 1560 - WRITING AND HEALING ARTS: WRITING IN THE WORLD

Minimum Credits: 3

Maximum Credits: 3

This practicum-based course will encourage writers to share their craft and talents with others. Students in this class will work on community-centered projects - including but not limited to organizing and hosting public readings and literary events, leading free community writing workshops on or off campus, and working on a writing project for a nonprofit organization of their choice. Students will read a variety of texts focusing on writing and community, with an emphasis on nurturing good literary citizenship.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGWRT 0410 or Instructor Permission

ENGWRT 1650 - PLAYWRITING 1

Minimum Credits: 3

Maximum Credits: 3

A beginning course in writing for the stage. Starting with short scenes, students will work towards understanding the craft and art of constructing theatre stories to be performed by actors. The final project will be a one-act play. Throughout there will be emphasis on the stage effectiveness of the writing and opportunity for informal performance of student scripts.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Writing Intensive Course (WRIT)

ENGWRT 1900 - INTERNSHIP: WRITING

Minimum Credits: 3

Maximum Credits: 3

This course offers students an opportunity to work as interns for local media, including newspapers, magazines and television stations. The internships are complemented by close supervision and seminars dealing with some of the ethical, legal, and practical issues facing the working professional.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

ENGWRT 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 6

This option permits students to design their own course with the approval of a department faculty member. Students must submit a proposal to the faculty member. Note: the proposed study must not duplicate the content of regularly offered courses.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

ENGWRT 1955 - ENGLISH WRITING CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Capstone course for English Writing majors. In this course-which should be taken during a student's final semester-writing majors receive a complete immersion into the writing life. Students prepare a publishable chapbook-length manuscript in their chosen genres. Students share an intensive reading list and do close readings of the texts. Students participate in readings, both on campus and off, and are featured during the week-long Writers Festival and the monthly Voices reading series. The course is workshop-driven, with a focus on developing a supportive literary community. Students share new and revised work each week and provide extensive feedback on each other's work. Visiting authors provide additional expertise and connect students with the broader literary world.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Senior

French

FR 0041 - ELEMENTARY FRENCH 1

Minimum Credits: 3

Maximum Credits: 3

First of three courses designed to develop skills in speaking, listening, reading and writing in French. A systematic presentation of grammar will accompany language instruction. Understanding of French culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FR 0042 - ELEMENTARY FRENCH 2

Minimum Credits: 3

Maximum Credits: 3

Second of three courses designed to develop skills in speaking, listening, reading and writing in French. A systematic presentation of grammar will accompany language instruction. Understanding of French culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FR 0043 - ELEMENTARY FRENCH 3

Minimum Credits: 3

Maximum Credits: 3

Third of three courses designed to develop skills in speaking, listening, reading and writing in French. A systematic presentation of grammar will accompany language instruction. Understanding of French culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: FR 0042 with grade of C or better

FR 1902 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 3

This course enables the student who has completed, or nearly completed, the French major to do research under the direction of a faculty member, on a topics of mutual interest.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Course Attributes: West European Studies

Freshman Studies

FS 0002 - FRESHMAN SEMINAR

Minimum Credits: 1

Maximum Credits: 1

This course will acquaint freshmen with the many policies and procedures of college life.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FS 0008 - TRANSFER SEMINAR

Minimum Credits: 1

Maximum Credits: 1

This course will acquaint transfer students with the many policies and procedures of college life.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FS 0014 - ACADEMIC VILLAGE CORNERSTONE

Minimum Credits: 3

Maximum Credits: 3

This seminar is for freshmen who are residing in the academic villages.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

FS 0016 - HEALTH SCIENCE SEMINAR

Minimum Credits: 1

Maximum Credits: 1

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FS 0017 - SCIENCE CORNERSTONE 1

Minimum Credits: 2

Maximum Credits: 2

Intended for students enrolled in both biology and chemistry, this section of first-year seminar is part of a two-semester science learning community experience. The goals for the fall seminar are to aid students in their academic and social transitions to college, to provide students with academic skills needed for the study of science and to foster a better appreciation for career opportunities in science and the scientific approach to problems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FS 0024 - CORNERSTONE

Minimum Credits: 2

Maximum Credits: 2

This course will set the foundation for academic and social success. Students will gain knowledge and practical skills to improve their academic performance and facilitate their integration into campus life

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FS 0026 - SCIENCE CORNERSTONE 1

Minimum Credits: 1

Maximum Credits: 1

Intended for students enrolled in both biology and chemistry, this section of first-year seminar is part of a two-semester science learning community experience. The goals for the fall seminar are to aid students in their academic and social transitions to college, to provide students with academic skills needed for the study of science and to foster a better appreciation for career opportunities in science and the scientific approach to problems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FS 0027 - SCIENCE CORNERSTONE 2

Minimum Credits: 2

Maximum Credits: 2

This course is the second part of a two-semester science learning community experience designed for first-year biology and chemistry students. The second semester course will continue the themes of the first semester emphasizing continued development of good study habits, further exploration of career options and mastery of skills in scientific thinking.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: FS 0026 or FS 0017

FS 0044 - CORNERSTONE

Minimum Credits: 1

Maximum Credits: 1

This course is paired with a course from the general education curriculum. In combination, this two-course learning community will set the foundation for academic and social success. Students will gain knowledge and practical skills to improve their academic performance and facilitate their integration into campus life.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FS 1950 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 3

Course content to be decided between the professor and the student.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Geography

GEOG 0101 - WORLD REGIONAL GEOGRAPHY

Minimum Credits: 3

Maximum Credits: 3

A systematic treatment of the physical, historical, cultural and economic processes that have shaped global landscapes. Contemporary regional problems and prospects will be emphasized.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

GEOG 0810 - EARTH AND PEOPLE

Minimum Credits: 3

Maximum Credits: 3

Introduces the student to the nature and scope of the field of geography and demonstrates the methodology which geographers use to examine people and land relationships. A number of world regions will be analyzed in this class.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

Geology

GEOL 0860 - ENVIRONMENTAL GEOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course takes an integrated earth systems approach to understanding our planet and its resources. We will investigate geologic processes and hazards (e.g., earthquakes, volcanoes, landslides, and weather hazards), geologic resources (water, soil, minerals, energy) and the local and global ramifications of human interaction with the earth (e.g., air, soil and water pollution, ozone depletion, and climate change). This course also serves as an introductory course for three majors in the department of geology and planetary science.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Natural Science General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Science NonSeq.GE. Req.

German

GER 0041 - ELEMENTARY GERMAN 1

Minimum Credits: 3

Maximum Credits: 3

First of three courses designed to develop skills in speaking, listening, reading and writing in German. A systematic presentation of grammar will accompany language instruction. Understanding of German culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

GER 0042 - ELEMENTARY GERMAN 2

Minimum Credits: 3

Maximum Credits: 3

Second of three courses designed to develop skills in speaking, listening, reading and writing in German. A systematic presentation of grammar will accompany language instruction. Understanding of German culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

GER 0043 - ELEMENTARY GERMAN 3

Minimum Credits: 3

Maximum Credits: 3

Third of three courses designed to develop skills in speaking, listening, reading and writing in German. A systematic presentation of grammar will accompany language instruction. Understanding of German culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: GER 0042 with grade of C or better

GER 1902 - DIRECTED STUDY

Minimum Credits: 0.5

Maximum Credits: 15

A course for students who wish to work on individually designed projects under the supervision of a faculty member.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Healthcare Management

HCM 0100 - INTRODUCTION TO HEALTHCARE MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

This course offers an overview of the evolution of the health care industry's components and describes the technical, economic, political, and social forces that shaped their development.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

HCM 0200 - HEALTHCARE ISSUES AND CONCEPTS

Minimum Credits: 3

Maximum Credits: 3

This course will provide a current and comprehensive overview of the basic structures and operations of the U.S. Health System. It will explore the historical developments that have shaped the U.S. health care delivery system including the concepts of health and disease and the role of health promotion and disease prevention leading to new trends in how care is delivered and the prospects of the new health care reform efforts. This course will also explore the evolution of healthcare financing and its impact on managed care development, healthcare professional shortages, medical technology and the delivery of inpatient, outpatient and long-term care services. This course will also explore how Health Policy impacts the health and wellness of all populations and the future of healthcare delivery in America.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

HCM 0210 - HEALTHCARE COMMUNICATIONS

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Satisfactory/No Credit

HCM 0220 - HEALTHCARE QUALITY MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

This course will cover a broad focus of both the philosophy and process of Continuous Quality Improvement (CQI) and the challenges of implementation and institutionalization will be addressed using examples from a variety of health care organizations including primary care, public health departments, and academic health centers. This course will also cover the subjects of operations management, organizational behavior, and health service delivery with a focus on practical application and exploring significant contributions from leading health care quality professionals. This course covers current issues for the health care manager and will include discussions on Implementation Science, Lean Six Sigma, and understanding Variation, Tools and Data Sources for CQI in Health Care. Course Discussions will also include the Quadruple Aim of health care and the impact of CQI; how public health has institutionalized CQI to ensure quality health in our communities, and how CQI has been more broadly adopted to improve care for those most vulnerable populations in the U.S. as well as in low and middle income countries. This text used for this course will allow a greater focus on practical applications and the opportunity to incorporate many contributions from leading health care quality. This course will include extensive citations and detailed examples to help students understand the rationale and the most research and practical evidence available that provides the underpinning of the new techniques described.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HCM 0230 - HEALTHCARE INFORMATION SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Satisfactory/No Credit

HCM 0240 - GERIATRIC AND LONG-TERM CARE

Minimum Credits: 3

Maximum Credits: 3

This course will provide updated knowledge and skills to prepare the next generation of Long-Term (LTC) Administrators. This course will explore how to adapt an existing facility to the growing demands of culture change; details the organization and delivery of services; and furnishes the essential skills necessary to manage all aspects of LTC Administration.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

HCM 1100 - MANAGEMENT, DESIGN, AND OPTIMIZATION OF HEALTHCARE PROCESSES

Minimum Credits: 3

Maximum Credits: 3

The course will provide students with knowledge of operations management in health care and the background on flow process improvement in healthcare, health provider productivity and benchmarking overview, project management, and lean management, and six sigma tools for healthcare

organizations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: LVL: Junior

HCM 1110 - HEALTHCARE POLICY, LAW AND ETHICS

Minimum Credits: 3

Maximum Credits: 3

This course provides the student with an understanding of how the law and ethics intertwine as related to healthcare dilemmas.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

HCM 1120 - MANAGED CARE

Minimum Credits: 3

Maximum Credits: 3

This course provides the student with a broad and sufficiently detailed overview of the key elements of health insurance and managed health care.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

HCM 1130 - FINANCIAL MANAGEMENT OF HEALTHCARE

Minimum Credits: 3

Maximum Credits: 3

This course provides the student with an overview of the rules, regulations, policies and procedures that reflect the current healthcare financial field. Information is provided in the format of a common financial reporting period, a year.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

HCM 1950 - SENIOR PROJECT

Minimum Credits: 1

Maximum Credits: 3

To be a successful healthcare management professional, one needs to practice. This course encompasses an analytical review of healthcare management concepts and application of these into a semester long project. The student will demonstrate and apply understandings of the context of the concepts and apply them in the creation of a practical and applied research project.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

HCM 1960 - HEALTH CARE MANAGEMENT INTERNSHIP

Minimum Credits: 1

Maximum Credits: 6

The Healthcare Management Internship is an opportunity for students to engage in practical and applied training in the field by working with a community partner organization. Students will be trained in practical operations and skills in the field as well as providing an empirical context for their academic and program studies.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

History

HIST 0125 - RELIGIONS OF THE WEST

Minimum Credits: 3

Maximum Credits: 3

This course is a historical introduction to the religious traditions that developed in ancient Near East and the Mediterranean. Our major emphasis is on the history of the religious traditions that emerged in late antiquity in this area and which continue to be major world religions: Judaism, Christianity, and Islam. We will also touch on Zoroastrianism. We focus on key concepts, historical developments, and contemporary issues. Throughout the course, we also examine interactions among these religious traditions. In the last part of the course we examine the issue of globalization and the spread of these religions around the world as well as the presence of "non-Western" religion in the "West." The course also serves as an introduction to the academic study of religion and provides a foundation for further coursework in Judaism, Christianity, and Islam. No prior knowledge of any of the religions studied is expected or assumed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 0140 - THE HISTORY OF THE BOOK

Minimum Credits: 3

Maximum Credits: 3

This course examines European book history in global context, from clay tablets through the age of print. Focusing primarily on the medieval and early modern periods, it considers the history of the book from several perspectives: as a story of technologies, both manual (papermaking, printing) and intellectual (literacy, memory), as a story of artistic and cultural forms, as a story of reading, and as a story of global networks. We will consider issues including forgery; censorship; the role of political, religious, and economic forces in the production of books; the development of trust in the written word; the history of libraries; and the formation of reading communities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, DSAS Global Issues General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 0180 - 19TH CENTURY EUROPE

Minimum Credits: 3

Maximum Credits: 3

Through textbook and lecture, the students will become familiar with the major political developments that took place in Europe between the French Revolution and World War I. Original source material will be used to acquaint the students with social roles and attitudes during the period.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 0216 - U.S. WOMEN'S HISTORY SINCE 1865

Minimum Credits: 3

Maximum Credits: 3

This course examines U.S. women's history since 1865 with a special emphasis on how gender constructs affected women's participation in the industrial economy, constrained their educational opportunities, and shaped their family roles. Simultaneously, this course will consider women's efforts to redefine their position in society and lay claim to broad notions of political, economic, and social citizenship.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 0500 - COLONIAL LATIN AMERICA

Minimum Credits: 3

Maximum Credits: 3

This course explores the material history of Latin America during the period of Spanish and Portuguese Colonial Rule, from 1500 to 1825. In it, we will examine the interplay between material conditions (climate, natural resources, flora and fauna, and geographic features) and material culture (built space, technology, commodities, agriculture, as well as cultural products), asking how they shaped human action. Weekly case studies-ranging from pre-contact indigenous agriculture, through the role of technology in the success of Spanish conquistadors, to the impact horses on the Spanish frontier-prompt students to engage with the lived experience of a broad range of people living in pre-independence Latin America.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Diversity General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, Global Studies, Latin American Studies, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 0501 - MODERN LATIN AMERICA

Minimum Credits: 3

Maximum Credits: 3

History of the Latin American republics from independence, in 1825, to the present.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Diversity General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, Latin American Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 0575 - HISTORY OF MODERN CENTRAL AMERICA

Minimum Credits: 3

Maximum Credits: 3

This course will cover the history of Central America from conquest to the present day. Emphasis will be on the social and economic development of indigenous peoples, national identity and human rights in the 19th and 20th centuries. The course will also study the history of the influence of the US on the region; with stress on the history of social movements, revolution, tenuous peace agreements, globalization and the continuation of social unrest still present in Central America today.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 0600 - UNITED STATES TO 1877

Minimum Credits: 3

Maximum Credits: 3

This is an introductory, lower division, course that develops the history of United States from the 1400s through the 1880s.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 0601 - UNITED STATES 1865-PRESENT

Minimum Credits: 3

Maximum Credits: 3

An introduction to American history from the Civil War to the present which emphasizes selected topics on changes in American society and politics as an earlier agrarian society became an industrial-urban one and as the nation took up an ever larger role in world affairs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 0710 - WORLD HISTORY TO 1500

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to the global history of humanity from its beginnings to about the year 1500, emphasizing common trends across regions and cultures.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 0711 - WORLD HISTORY 1500 TO THE PRESENT

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to the last five centuries of human history: the rise of the Western powers, continuity and change elsewhere in the world, and the emergence of modernity.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 0712 - A GLOBAL HISTORY OF TERRORISM

Minimum Credits: 3

Maximum Credits: 3

This course will acquaint students with the remarkably long, diverse and widespread use of strategies of terror to advance political, economic, religious and social agendas. Our analysis will focus upon terror from below that is terror by non-state actors; will range from ancient Greece to the present; and will touch upon every inhabited continent. Using examples from many societies, we will discover that the human motivations for terrorist acts have changed little, but that their expression has changed a great deal, from the days of the Spartacus slave revolt, to the calculated terror of the Algerian revolution, to the media-centered "madmen strategy" of Al-Qaeda and Isis. Our organization will be roughly chronological, and will be combined with a typology of different kinds of terrorism. This inherently comparative approach will enable us to make this a true world history course, moving with ease from place to place, movement to movement, while still having a solid temporal and analytical framework to keep the material coherent.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Global Issues General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, DSAS Phil. Think or Ethics General Ed. Requirement, SCI Polymathic Contexts: Ethical/Policy GE. Req., SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 0810 - ENGLAND SINCE 1689

Minimum Credits: 3

Maximum Credits: 3

Surveys the development of English social, political, economic and cultural history to the present.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

HIST 1005 - SPECIAL TOPICS

Minimum Credits: 3

Maximum Credits: 3

This course entails the exploration of a special topic chosen by the instructor.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Junior

Course Attributes: SCI Polymathic Contexts: Global&Cross Cul GE. Req.

HIST 1010 - HISTORICAL INQUIRY AND METHODS

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to the historian's craft. Students will learn the nature of historical knowledge, how to locate, document, and interpret a diverse array of historical evidence, and how to produce a research proposal using primary and secondary sources. It emphasizes that history is both a social science and an interpretive art. Accordingly, it will expose students to recent interdisciplinary trends in historical methodology and historical schools of thought and debate. The primary aim of this course is to instruct prospective and actual history majors in what it means to think, write, and verbally communicate like a historian.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Junior or Seniors only

HIST 1030 - COMPUTATIONAL METHODS IN HUMANITIES

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to the use of computational modeling and programming to conduct text-based research in the humanities. Course goals include 1) learning how to identify research questions in the humanities that are amenable to computational analysis and processing and 2) designing and implementing XML-based computational systems to explore those questions. No prior programming experience or knowledge of foreign languages required.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1031 - A HISTORY OF CURRENT EVENTS

Minimum Credits: 3

Maximum Credits: 3

This course is designed to open students' eyes to the often misunderstood fact that we do not study history for history's sake, but to better understand the present. The course will be offered with varying themes, each time zooming in on one important present-day issue. Students will have the opportunity to explore topics that have been making the national and international headlines by engaging with the oftentimes complex historical developments that led to the current situation. They will leave the course with a better understanding of both the past and the present.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1035 - 20TH-CENTURY WORLD

Minimum Credits: 3

Maximum Credits: 3

A history of the world between the years 1900 and 2000. Takes a broad, global approach to the political, social, and cultural developments that

characterize the twentieth century. The course covers developments in Asia, Europe, and elsewhere, and emphasizes the ideological systems that motivated many of the great conflicts of the century.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1053 - DIGITAL HUMANITIES: CODING AND VISUALIZING HISTORICAL DATA

Minimum Credits: 3

Maximum Credits: 3

This course involves preparing electronic texts for public access with systematic markup language, such as XML, with emphasis on data extraction and visual analysis of literary and historical texts; creating bar, line, and network graphs, and geographic and image mapping. The emphasis in this alternative course is less on creating digital editions of texts and more on data extraction and visualization from digital texts prepared as information databases.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or Greater

HIST 1075 - SLAVERY IN THE ATLANTIC WORLD

Minimum Credits: 3

Maximum Credits: 3

Examines slavery in the Americas from the Atlantic perspective (including Africa and Europe) from the fifteenth century through the present, with special emphasis on slave trades, the plantation systems, daily life, slavery and race, resistance, and abolition.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Junior

HIST 1087 - WORLD WAR 2

Minimum Credits: 3

Maximum Credits: 3

Examines the Second World War as a global phenomenon, including the Eastern and Western fronts in Europe, the Sino-Japanese War, and the Pacific War. Covers the origins of conflict in the various theaters, the course of the war, and its consequences. While some attention is given to military strategy, emphasis is also placed on the social and political dimensions of the conflict.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SOPHOMORE

HIST 1090 - HISTORY OF MEDICINE AND HEALTH CARE

Minimum Credits: 3

Maximum Credits: 3

Provides an overview of the social history of medicine from prehistory to the present. Focuses on the emergence of medical institutions, education, theories, practices and the Orthodox and irregular medical sects. Describes the growth of the separate health disciplines of nursing, pharmacy and public health. Examines the impact of socioeconomic factors, religions and war on the evolution of medical science. Discusses the changing roles of government in the development of the American health care system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

HIST 1104 - THE CRUSADES

Minimum Credits: 3

Maximum Credits: 3

An examination of the crusades from both Christian and Muslim perspectives. Emphasizes crusading in and around the holy land, but also gives some attention to crusades within Europe. Considers political, social, and religious contexts in both Latin Europe and the Islamic Middle East.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Sophomore

HIST 1140 - HISTORY AND CULTURE OF SPAIN

Minimum Credits: 3

Maximum Credits: 3

This course will survey the history and culture of Spain from medieval times to the present. Emphasis will be placed on Spanish geography, the interaction between the different cultures that lived in Spain, as well as Spanish art, architecture, and literature. The highlights of the course include the rise and fall of the Spanish Empire, the Spanish Civil War, Spain under Franco, Redemocratization and Modern Spain in the 21st century.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1197 - BLACK DEATH: PLAGUE AND HISTORY

Minimum Credits: 3

Maximum Credits: 3

The Black Death, the great epidemic of 1347-1350's was the most profound epidemiological-ecological crisis Europe had ever experienced. Between 30 and 70% of the population of the western world vanished. In the wake of this demographic disaster economic, psychological, social, literary and even artistic processes were profoundly altered. This epidemic can be traced through extensive primary sources ranging from literature to art history - from population statistics through village desertions. This course will introduce these data and examine the consequences of the Black Death.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: SOPHOMORE

HIST 1222 - NARCOS AND JUSTICE: THE FAILED DRUG WARS IN LATIN AMERICA AND THE UNITED STATES

Minimum Credits: 3

Maximum Credits: 3

This course explores the history of narco trafficking and the justice systems in both Latin America and the United States from the 1960s to the present. The course emphasizes how different Latin American countries and the United States responded and continue to respond to the proliferation of the illicit drug trade and its consequences, including the increase in violence and criminal activity, and the social repercussions of these actions on local communities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1317 - CONTEMPORARY US HISTORY 1941-PRESENT

Minimum Credits: 3

Maximum Credits: 3

Major events and trends of the post-World War II era including the war and its aftermath, the onset of the Cold War, and the domestic and foreign

policies of presidential administrations from Truman will be discussed. Some major problems, such as urban decay and civil rights for minorities will be considered in the context of the period.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or Greater

Course Attributes: UPB History General Ed. Requirement

HIST 1323 - AMERICA'S GREAT MIGRATION

Minimum Credits: 3

Maximum Credits: 3

This seminar explores the mass migration of southern African Americans from 1915 to 1975 and examines the resulting transformation of urban black communities in the North and West. We will investigate and compare systems of social control across the twentieth-century United States and consider the myriad and sometimes contrasting ways that African Americans and their allies resisted these systems. Through readings, seminar-style discussions, literature reviews, and a research paper, this course will train you to analyze and evaluate scholarly literature and prepare you for serious research in the humanities and social sciences. This course is especially appropriate for students with aspirations to attend graduate school.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: UPB History General Ed. Requirement

HIST 1367 - 20TH CENTURY EUROPE

Minimum Credits: 3

Maximum Credits: 3

Explores the most significant and dramatic episodes of contemporary history, both political and intellectual, including World Wars I and II, Nazi Germany, Soviet Russia, inflation, depression, and the explosion of cultural modernism.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1423 - MODERN CHINA

Minimum Credits: 3

Maximum Credits: 3

China's abandonment of its traditional political culture and its emergence in the Twentieth Century as a modern nation-state ruled by the Chinese communist party is the primary theme of this course, which will include lectures, readings, films, and classroom discussion.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1470 - EURASIAN CURRENTS/ SILK ROADS OF THE COMMON ERA

Minimum Credits: 3

Maximum Credits: 3

This course investigates the transmission and adaptation of three categories of human culture (material technology, ideas, and images) across the great landmass of Eurasia from approximately 3,000 BC to the present century.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or greater

Course Attributes: Asian Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1522 - BRAZIL

Minimum Credits: 3

Maximum Credits: 3

The course begins with an overview of Brazilian culture and of the country's enormous resource base. Cultural change is traced through the pre-Columbian, colonial, imperial, and republican periods. A major theme throughout is the evolution of a Portuguese heritage into today's distinctive Brazilian national culture. The country is then divided into five regions as a means of understanding its internal diversity. Popular American ideas about subjects like carnival, the Amazon Rainforest, coffee, Copacabana Beach, and the huge foreign debt are also dealt with.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1525 - MEXICO, AZTECS TO THE PRESENT

Minimum Credits: 3

Maximum Credits: 3

Mexican history from the Aztecs to the present. We will discuss the conquest, the Colonial Era, the struggle for independence, nineteenth-century liberalism, the porfirian dictatorship, the Twentieth-Century Revolution, the formation of a single party state, the temptations of socialism, the oil boom, the debt crisis, and the "crisis of the system" now being experienced by Mexico.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1560 - WOMEN IN LATIN AMERICAN HISTORY

Minimum Credits: 3

Maximum Credits: 3

A course tracing the history of women in Latin America from the conquest to the modern day.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or above

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Diversity General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, Gender, Sexuality & Women's St, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1580 - 19TH CENTURY LATIN AMERICA

Minimum Credits: 3

Maximum Credits: 3

This course discusses the major political, economic, social and ideological developments of the Latin American world from the Independence Wars (1810-1825) to the first decade of the Twentieth Century. Emphasis will be placed on the similarities and differences among the newly emerging nations as they sought to find individual and recognizable status in the industrialized Western world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1583 - 20THC LATIN AMERICAN REVOLUTIONS

Minimum Credits: 3

Maximum Credits: 3

A comparative examination of instances of social and political revolution in 20th Century Latin American history. Cases considered include the Mexican Revolution (1910-1917), the Bolivian Revolution (1952), the Cuban Revolution (1959), and the Nicaraguan Revolution (1979).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1610 - UNITED STATES COLONIAL

Minimum Credits: 3

Maximum Credits: 3

This is an upper division course that develops the history of the North American English colonies from around 1400 through the early 1760s.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1611 - AMERICAN REVOLUTION 1763-1791

Minimum Credits: 3

Maximum Credits: 3

This is an upper division course that considers the history of Revolutionary America between the 1750s and the 1790s.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1614 - CIVIL WAR HISTORY

Minimum Credits: 3

Maximum Credits: 3

This is an upper division course that considers the impact of the Civil War upon the development of the United States.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1615 - THE UNITED STATES DURING THE GILDED AGE & PROGRESSIVE ERA (1875-1920)

Minimum Credits: 3

Maximum Credits: 3

This course will cover the technological, demographic, and ideological sources and character of economic growth during the gilded age (1875-1900) as well as the social and economic problems that American society experienced during the period. In addition, the course will focus on the attempts of reformers to rectify the nation's social and economic problems during the progressive era (1900-1920).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1616 - ANTEBELLUM AMERICA: FROM THE 1790S TO THE WAR WITH MEXICO

Minimum Credits: 3

Maximum Credits: 3

This is a course in the history of the United States from the late 1780s through the late 1840s. It will focus on the processes involved in the evolution of the United States from a pre-industrial, relatively traditional society into a more modern, industrializing nation. We will consider topics involving commercial, manufacturing, agricultural and demographic development, changes in gender, social-economic and racial relationships, the creation of partisan politics and an analysis of American expansion.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HIST 1619 - UNITED STATES SINCE 1945

Minimum Credits: 3

Maximum Credits: 3

Social, economic, and political changes in American society since World War II. Topics include the post-industrial economy, urbanization, women, minorities, education, political movements, government, parties, and political participation. Emphasis is on the massive changes during those years and the impact on people, institutions and government.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1632 - THE HISTORY OF THE CIVIL RIGHTS MOVEMENT

Minimum Credits: 3

Maximum Credits: 3

One of the most celebrated periods of U.S. history, the Civil Rights Movement has been the subject of countless books, memoirs, and films. These narratives, however, have privileged certain individuals and interpretations over others. This course challenges some of the myths, misrepresentations, and omissions in mainstream representations of the movement. While we will examine the significant contributions of key figures such as Martin Luther King, Jr., Rosa Parks, and Malcolm X, the course will also uncover many of the lesser-known individuals who confronted racial discrimination and fought to secure civil and human rights for black people in the United States. Beginning in the 1940s and moving through the 1970s, the course explores several key areas of inquiry including the role of religion, gender, class and sexuality in shaping the movement; the significance of international historical developments; the growth of freedom struggles in the urban North; and the use of armed resistance in the movement.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1645 - AMERICAN ECONOMIC HISTORY

Minimum Credits: 3

Maximum Credits: 3

The course presents a survey of the strategic factors in the economic development of the United States from colonial times to the great depression. The topics covered include the record of economic growth, the process industrialization and its major phases, British mercantilism, the role of technological change, demographic history, the slave economy, distribution of income, urbanization, and the financial sector.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1656 - AMERICAN WORKERS 20TH CENTURY

Minimum Credits: 3

Maximum Credits: 3

This course examines the experiences of American workers during the second Industrial Revolution of the early Twentieth Century, the emergence of a government-sponsored national system of labor relations in the 1930s and 1940s, the structural changes in the economy and labor force since 1950, and the subsequent breakdown of the new deal formula for class relations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req., Urban Studies

HIST 1730 - THE MONGOLS

Minimum Credits: 3

Maximum Credits: 3

Explores the political and social histories of the Mongol Empire and its successor states across Eurasia during the thirteenth and fourteenth centuries and considers their larger world historical context.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Sophomore

HIST 1733 - RELIGIOUS DIVERSITY

Minimum Credits: 3

Maximum Credits: 3

What is the best way to accommodate religious and cultural diversity within a nation-state and in civil society? How should individual rights to practice religion be balanced with communal needs? Should freedom from religion be protected as much or more than freedom of religion? These are pressing contemporary issues in many countries, including the United States, but issues of religious diversity and questions of whether and how to tolerate religious minorities have a long history. In this course, we will examine the toleration of minority religions in particular historical settings, and the issues and problems (both doctrinal and social/political) that societies grappled with as they confronted diverse religious landscapes. We will also use these historical precedents as a lens to examine contemporary examples of religious pluralism, diversity, and conflict. Case studies will mainly be drawn from pre-modern Europe and modern Europe and North America, but we will also look at Mughal and modern India and discuss religion in pre-modern China.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Global Issues General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req.

HIST 1745 - SPECIAL TOPICS - STUDY ABROAD

Minimum Credits: 1

Maximum Credits: 3

The study of special topics related to a study abroad experience.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

HIST 1753 - THE OTTOMAN EMPIRE (1300-1923)

Minimum Credits: 3

Maximum Credits: 3

This course traces the history of the Ottoman Empire from its origins as an obscure band of frontier warriors, to the highpoint of its geopolitical power in the sixteenth century, and on to its further evolution as an increasingly complex and peaceful society, down to the opening of the period of European imperialism and nation building. It will address not only the Ottomans' political power, but also those economic, social, and cultural factors that helped explain that power and gave the empire such a distinctive place in the history of Western Europe, Balkans and the Middle East.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Sophomore

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, Medieval & Renaissance Studies, Russian & East European Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 1768 - CHRISTIANS MUSLIMS JEWS IN THE MIDDLE AGES: CONNECTION & CONFLICT

Minimum Credits: 3

Maximum Credits: 3

Was the world of Europe and the Middle East before the Enlightenment a period of unending religious conflict and intolerance? Were Jews the victims of severe persecution and violence everywhere during this period? Did Christians and Muslims engage in unceasing religious wars? The answer to all three of these questions is no. While the Middle Ages were a period of conflict and competition between the three major western religious groups, they were also a time of coexistence and cooperation. This class shifts from extreme dichotomies and simplistic stereotypes to deeply examine the period in all of its complexity: what were the theological, political, and legal contexts in which Christians, Muslims, and Jews interacted in both Christian Europe and the Muslim world? How did these deeply religious societies organize themselves to tolerate the religious "Other"? When and why did toleration break down and lead to expulsion, forced conversion, or violence? What kinds of cross-cultural exchanges and cooperation take place in economic, cultural, intellectual, and social life? We will also look at new ideas of toleration (and intolerance) that emerged at the end of the Middle Ages and examine aspects of inter-religious encounters and dialogues today. We will discuss not only the significance of Jewish-Christian-Muslim interactions in the Middle Ages but also assess these encounters as a case study in the broader history of religious diversity, pluralism, and conflict.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, Global Studies, Medieval & Renaissance Studies, SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

HIST 1775 - ORIGINS OF CHRISTIANITY

Minimum Credits: 3

Maximum Credits: 3

This course presents a historical-critical investigation of Christian origins. Special attention is paid to varieties of 1st century Hellenistic and Palestinian Judaism within the Greco-Roman world. Primary readings include selected Biblical passages and apocrypha, 1st century historians and philosophers (Josephus, Tacitus, Suetonius, and Philo), the New Testament corpus (including Paul and the Pastorals), and selected readings from the Dead Sea Scrolls. In addition there will be assignments from various modern New Testament critics, historians, and theologians.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

HIST 1793 - HISTORY OF IRAN

Minimum Credits: 3

Maximum Credits: 3

Surveys the long history of Iran, also known as Persia, from ancient times to the present. Covers the Persian Empire of antiquity and traces the introduction of foreign cultures over the centuries - Greeks, Arabs, Turks, and Europeans to create the multifaceted society of Modern Iran. Classical culture and religious history are discussed, as are modern political developments in the 20th and 21st centuries.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: SOPHOMORE

HIST 1900 - HISTORY INTERNSHIP

Minimum Credits: 1

Maximum Credits: 6

This course enables students to combine academic training and practical work experience related to the major.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Attributes: Undergraduate Internship

HIST 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 9

Individual project administered under the supervision of a faculty member.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

HIST 1950 - MODERN EAST ASIA

Minimum Credits: 3

Maximum Credits: 3

Presents the history of China, Korea, and Japan in the 19th and 20th centuries. Traces the western impact on East Asia and the responses of these nations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 1955 - HISTORY CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

This course is to be taken by majors in the senior year. It will presume a basic knowledge of historical information and technique. Utilizing a research seminar format, students will develop a substantial group or individual research project. Following discussion and revision, they will complete this research project. The project will be presented to the seminar in both written and oral form.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: HIST 1010 LVL: Junior or greater

HIST 1969 - STUDY ABROAD CONFLICT & PEACEBUILDING IN IRELAND & NORTHERN IRELAND

Minimum Credits: 1

Maximum Credits: 1

This course explores the sources and development of conflict and subsequent peace-building in Ireland and Northern Ireland. The focus is on the development of the Irish state, the rise of conflict during the Troubles in Northern Ireland between the 1960s and 1990s, and finally the establishment of a peace process and system of governance from the 1990s to present. The course includes a one week study abroad component in Ireland and Northern Ireland during Spring Break.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

HIST 1970 - UNDERGRADUATE TEACHING ASSISTANT EXPERIENCE

Minimum Credits: 1

Maximum Credits: 3

This course involves student participation as an undergraduate teaching assistant (UTA) for a history course under the supervision of a faculty

member.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

History of Art & Architecture

HAA 0010 - INTRODUCTION TO WORLD ART

Minimum Credits: 3

Maximum Credits: 3

This course explores the question 'what is art' through a close analysis of select art works from around the globe, introducing students to the types of questions art historians bring to the images, objects and sites human beings have taken particular care to craft and conceptualize. What role has art played in a diverse range of human cultures across time?

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS The Arts General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

HAA 0030 - INTRODUCTION TO MODERN ART

Minimum Credits: 3

Maximum Credits: 3

The course will present a chronological survey of Western European, Russian, and American art from the mid-nineteenth century to the present (impressionism to post-modernism). In addition to charting the dramatic stylistic and conceptual changes in art during this time period, the course will consider the historical circumstances which caused a disintegration in accepted notions of what constituted a significant work of art.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Geographic Region General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, DSAS The Arts General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

HAA 0090 - INTRODUCTION TO CONTEMPORARY ART

Minimum Credits: 3

Maximum Credits: 3

This course explores the latest developments in contemporary art in the context of changes in world visual cultures since the 1960s. The first weeks will concentrate on the transformations of artistic practice that occurred initially in pop art, and on the minimal-conceptual shift in Western art. This will be followed by a survey of the diversification of artistic practice in the 1980s and 1990s, including the emergence of new internationalisms reflecting postcoloniality, global contemporary art and digital media.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Global Issues General Ed. Requirement, DSAS The Arts General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req.

HAA 0140 - HISTORY OF THE BOOK: ART HISTORY CROSSLIST

Minimum Credits: 3

Maximum Credits: 3

This course examines European book history in global context, from clay tablets through the age of print. Focusing primarily on the medieval and early modern periods, it considers the history of the book from several perspectives: as a story of technologies, both manual (papermaking, printing) and intellectual (literacy, memory), as a story of artistic and cultural forms, as a story of reading, and as a story of global networks. We will consider

issues including forgery; censorship; the role of political, religious, and economic forces in the production of books; the development of trust in the written word; the history of libraries; and the formation of reading communities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HAA 0150 - ANCIENT ART

Minimum Credits: 3

Maximum Credits: 3

The Mediterranean Sea is a lake and its shores have produced many important cultures and artistic traditions. The course will survey the artistic and cultural traditions of Mesopotamia, Egypt, and the Aegean, from the Neolithic to the end of the Bronze Age (ca. 6000-1200 BCE), a formative period for the cultures that developed in these regions. Special attention will be paid to: 1) the relationship between the artistic traditions of these areas and the societies which produced them, and 2) the way in which influences from one culture were transformed by another.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS The Arts General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., Undergraduate Research, West European Studies

HAA 0225 - MEDIEVAL ART AND ARCHITECTURE

Minimum Credits: 3

Maximum Credits: 3

This course offers a survey of architecture, sculpture, painting and mosaics from the medieval period, dating from the 4th through the 13th centuries. The transformation of artistic styles during these 10 centuries used the stylistic foundations of the early Christian period as a point of departure, as medieval styles evolved into the Hiberno-Saxon Carolingian, Ottonian, Romanesque and gothic movements. Socio-economic developments and religious philosophies will also be examined from these periods.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HAA 0302 - RENAISSANCE ART

Minimum Credits: 3

Maximum Credits: 3

We will explore the arts - painting, sculpture, architecture, and the decorative arts - that flourished in Italy between 1250 and 1590. The renaissance is one of the great epochs of western culture; this course offers an introduction to the visual evidence that reveals the development of new attitudes about human life and its meaning. Emphasis will be on works of those revolutionary individuals who transformed the arts - Giotto, Donatello, Brunelleschi, Michelangelo, Leonardo, Raphael, Bellini, Titian, and Palladio, to name only the most important.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: DSAS Geographic Region General Ed. Requirement, DSAS The Arts General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

HAA 0304 - VISUAL CULTURE AND GLOBAL IDENTITY IN FLORENCE

Minimum Credits: 3

Maximum Credits: 3

Florence, the regional capital of Tuscany, is located in central Italy and is considered by many the birthplace of the Renaissance. Florence lays claim to innovators of culture and science such as Dante, Giotto, Brunelleschi, Leonardo, Michelangelo, Galileo, and many more. Giorgio Vasari, a 16th-

century artist and biographer, attributes this confluence of talent to God's divine will and grace, and affixes the identity of Florence with the Renaissance. Using the theoretical construct of semiotics, that is, the play of word and image relationships, students will examine the rich written and visual culture of Florence to formulate an understanding of Florentine identity. Trips to Siena and Pisa will provide contrasting examples of Tuscan identities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HAA 0306 - STUDY ABROAD: EXPLORING ART IN ITALY

Minimum Credits: 3

Maximum Credits: 3

Florence, the regional capital of Tuscany, is located in central Italy and is considered by many the birthplace of the Renaissance. This course will explore the art of the Renaissance highlighting innovators Giotto, Masaccio, Brunelleschi, Botticelli, Leonardo, Michelangelo, and Raphael with onsite lectures and visits in Florence, Rome, and Milan. Special attention will be given to the context of art and its relationships to its original location, and to the role and influence of humanism and Neoplatonism on the development of the style of the Renaissance.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: Letter Grade

HAA 0350 - BAROQUE ART

Minimum Credits: 3

Maximum Credits: 3

This course will consider the careers of the major painters and sculptors of Italy (Caravaggio, the Carracci, Bernini, Cortona, Gaulli), Spain (Ribera, Zurbaran, Velazquez, Montanes, Murillo), France (G. De la Tour, P. De Champaigne, Poussin, Claude, le Brun, Puget), Flanders (Rubens, van Dyck, Jordaens) and Holland (Hals, Rembrandt, Vermeer, Ruisdael) in the 17thC. It will also consider definitions of the term "baroque" in relation to the history of taste and later responses to 17thC artistic achievement.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: DSAS The Arts General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

HAA 0402 - WOMEN ARTISTS

Minimum Credits: 3

Maximum Credits: 3

This course will focus on women artists from the late renaissance, when they first emerged and achieved some success, to the present. The social context in which women artists functioned and the roles played by the most successful women of each century in opening opportunities for the succeeding generation will be considered. Sofonisba Anguissola, Artemisia Gentileschi, Elisabetta Sirani, Judith Leyster, Rachel Ruysch, Rosalba Carriera, Angelica Kauffman, e.E. Vigee Lebrun, Rosa Bonheur, Mary Cassatt, Berthe Morisot and many 20thC women artists will be covered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HAA 0501 - AMERICAN ART

Minimum Credits: 3

Maximum Credits: 3

This course will introduce students to American painting, sculpture, and architecture, with an emphasis on painting, from the colonial period to the post-World War II era. Students will also learn the vocabulary of visual analysis and become familiar with the scope of art historical methodology. Students should leave the class with a broad understanding of the contexts in which American artists worked, a fund of information about artists and monuments of art in the American heritage, skills in visual analysis, and the capability to focus several types of critical questions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS The Arts General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

HAA 0810 - EXPERIMENTAL CINEMA

Minimum Credits: 3

Maximum Credits: 3

This course examines the development of experimental cinema beginning in Europe in the 1920s with dada and surrealist films by Marcel Duchamp, Luis Bunuel and others, and continuing in the U.S. and elsewhere after World War II. The films, many of which are non-narrative and some of which are "abstract", will be examined for the ways in which cinema is used for the filmmakers personal expression. Consideration will be given to the artistic and cultural contexts in which the films were made, and comparisons will be made with other media, especially painting and sculpture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: Film Studies

HAA 0900 - SPECIAL TOPICS-ARCHITECTURAL STUDIES

Minimum Credits: 3

Maximum Credits: 3

Special topics in architectural studies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or Greater

HAA 1005 - ART AND FORENSIC ANALYSIS

Minimum Credits: 3

Maximum Credits: 3

"Each work of art tells a story, "... The story of its making and meaning, of the material choices made by the artist, and of its survival more or less unharmed, through time. Object-based research can be used to establish the story line, and aided by scientific analysis, art historical and art technological source research, the plot may be revealed." [University of Glasgow, website for technical art history] this course will examine the mysteries of works of art from the medieval and early modern periods, roughly CA. 1000-1800. How were they made? What materials and techniques were used? Does the work of art look how it did originally? Why, or why not? What do historic and modern methods of conservation and restoration reveal about the object? We will explore these questions through readings, videos, and hands-on examination of materials and conservation techniques.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HAA 1015 - THEORY AND METHODS OF ART HISTORY

Minimum Credits: 3

Maximum Credits: 3

This course is designed to introduce students to the theories and basic methods used by art historians, and to the research tools needed to employ these methods. We will explore the different approaches to art objects and their historical contexts used in the discipline of art history. The goal of this course is to teach the student how to read critically as well as to learn to identify, interpret, and use a variety of research methodologies as you collect, read, analyze, and discuss representative texts.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: LVL: Junior; HAA 0010; VAPA Major or HAA Minor.

HAA 1300 - SPECIAL TOPICS-RENAISSANCE

Minimum Credits: 3

Maximum Credits: 3

Special topics in Renaissance art.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: At least one HAA course; LVL: Sophomore

Course Attributes: Medieval & Renaissance Studies, West European Studies

HAA 1302 - ITALIAN ART & THE BLACK DEATH

Minimum Credits: 3

Maximum Credits: 3

This course will explore the painting, sculpture, and architecture of Italy during the later Middle Ages (ca. 1250-1400), the nascent roots of the Italian Renaissance, and will ask students to consider the possible extent of the Black Death in creating or contributing to the visual culture of the Renaissance. The pestilence struck Italy a devastating blow in 1348, and recurred in 1362, 1368, and 1381, with Italian cities losing up to half or more of their populations. How did artists respond to this crisis, if they responded at all? This course will consider primary source documents, materials and techniques of making art, and the geographical, social, historical, religious, and literary contexts that contribute to the formation of the period we know as the Renaissance.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HAA 1304 - LEONARDO, MICHELANGELO AND RAPHAEL: PAINTING IN 16TH-C ITALY

Minimum Credits: 3

Maximum Credits: 3

This course will cover painting and sculpture in Italy from 1480 to 1580, emphasizing major figures (Leonardo, Raphael, Michelangelo, Giorgione, Titian, Veronese, Andrea del Sarto, Salvatiore, Vasari) and consider relevant art theory and historiography (High Renaissance, Mannerism and Mannerism).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or Greater

Course Attributes: Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., West European Studies

HAA 1601 - SPECIAL TOPICS-JAPANESE

Minimum Credits: 3

Maximum Credits: 3

Special topics in Japanese art.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Asian Studies

HAA 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 3

Independent reading and research with one faculty member.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: Satisfactory/No Credit

HAA 1903 - HISTORY OF ART AND ARCHITECTURE INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Academic credit is awarded for practical professional experience gained through a directed internship. The internship is arranged by the student through the University internship office in consultation with the undergraduate advisor in art history.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Requirements: PREQ: At least one HAA course; LVL: Junior

HAA 1955 - VISUAL AND PERFORMING ARTS CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: HAA 0010 and 0030 and MUSIC 0222 and 0224 and THEA 0104 and 0805 or 0806 and HUMAN 1140; LVL: Senior

Humanities

HUMAN 0105 - STUDY ABROAD EXCHANGE PROGRAM

Minimum Credits: 1

Maximum Credits: 18

The study abroad exchange program represents credits earned in an approved exchange agreement between one of the University of Pittsburgh campuses and another educational institution.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: Satisfactory/No Credit

HUMAN 0350 - FLORENCE: DOOR TO GLOBAL IDENTITY

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

HUMAN 1030 - DIGITAL HUMANITIES

Minimum Credits: 3

Maximum Credits: 3

This interdisciplinary, skill-building course will give students critical perspective on and practical experience with digital methods for generating, archiving, and researching cultural resources in the humanities and history. Students will investigate a) methods used to access a variety of software and internet technologies, b) potentials and limits of research in current digital resources, both public and proprietary, and c) design, production, and use of new digital resource material.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: LVL: Sophomore

HUMAN 1050 - DIGITAL HUMANITIES: CODING AND DATA VISUALIZATION

Minimum Credits: 3

Maximum Credits: 3

This course involves preparing electronic texts for public access with systematic markup language, such as XML, with emphasis on data extraction and visual analysis of literary and historical texts; creating bar, line, and network graphs, and geographic and image mapping. (The emphasis in this alternative course is less on creating digital editions of texts and more on data extraction and visualization from digital texts prepared as information databases.)

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

HUMAN 1055 - ARTS ENTREPRENEURSHIP

Minimum Credits: 3

Maximum Credits: 3

A seminar class in which students would: discuss real-world issues with guest speakers; learn skills such as creating and maintaining a program budget; and create their own brand and related self-marketing materials and online presence, in the form of a website, YouTube channel, etc. (dependent on the student's needs), in preparation for grad school or the post-commencement working world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SOPHOMORE

HUMAN 1100 - ARTS TIMELINE

Minimum Credits: 1

Maximum Credits: 1

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: HAA 1015; Senior; VAPA Major

HUMAN 1140 - THEORY AND METHODS OF THE VISUAL AND PERFORMING ARTS

Minimum Credits: 3

Maximum Credits: 3

This course is designed to introduce students to the theories and basic methods used by visual and performing artists, and to the research tools needed to employ these methods. We will explore the different approaches to art objects/performances and their historical contexts used in the discipline of art history/music/theatre. The goal of this course is to teach you how to read critically as well as to learn to identify, interpret, and use a variety of research methodologies as you collect, read, analyze, and discuss representative texts.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: HA&A 0010; MUSIC 0211 and (THEA 0805 or 0806); LVL: JUNIOR

HUMAN 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 6

Independent study is a program of academic reading and research taken under the direction of a faculty sponsor.

Academic Career: Undergraduate
Course Component: Independent Study
Grade Component: Satisfactory/No Credit

HUMAN 1955 - HUMANITIES AREA CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Capstone course for senior humanities area of concentration majors.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Information Science

INFSCI 0010 - INTRODUCTION TO INFORMATION, SYSTEMS AND SOCIETY

Minimum Credits: 3

Maximum Credits: 3

Introduction to the concepts, principles, and skills of information science for students with no programming experience. Topics include the need for information and the use of information, data collection, coding, storage and retrieval, information processing, information display, and the evaluation of information. This course is intended for students enrolled in programs other than the BSIS major.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement

INFSCI 0017 - FUNDAMENTALS OF OBJECT-ORIENTED PROGRAMMING

Minimum Credits: 4

Maximum Credits: 4

First programming course for is majors, designed for students with little or no programming experience. Basic principles and concepts of object-oriented programming using java. Classes, interfaces, operators, program control, arrays, testing, debugging, inheritance, polymorphism, and event handling. Techniques for simplifying the programming process and improving code quality. Activity-based learning.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

INFSCI 1017 - IMPLEMENTATION OF INFORMATION SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

Second programming course for is majors. Advanced java language features required for professional software development. Data structures, oo design, graphical user interfaces, exception handling, multithreading, i/o, web and network programming.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 0017

INFSCI 1022 - DATABASE MANAGEMENT SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

The design, implementation, and utilization of database management systems. Contrasts the methodologies of file systems, data management systems, and database management systems. Various data structures (e.g., Tree, network, linked list) and several database models (e.g., The Codasyl

database task group model and the relational database model). Administrative tasks required in database management are considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 0010

INFSCI 1024 - ANALYSIS OF INFORMATION SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

This course provides state-of-the-art skills in requirements management and scope management, which is critical for successful IT projects. Topics include best practices in eliciting, documenting, verifying and modeling requirements. This is an active learning course where students develop an analysis model for a realistic IT project which can serve as a foundation for INFSCI 1017 and INFSCI 1025. The analysis model is suitable for inclusion in the student's IT portfolio.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 0010

INFSCI 1037 - INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

This course allows students to experience the fundamentals of project management & demonstrates its value in helping organizations successfully complete projects. The course traverses through the Systems Development Life Cycle by understanding and applying techniques from different project management methodologies, such as the Waterfall & Agile methods. Creation of key project management deliverables, developed by student teams, emphasizes these learning objectives.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1022 and INFSCI 1070.

Course Attributes: Hourly Final

INFSCI 1038 - MANAGEMENT INFORMATION SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

To provide students with an appreciation of the actual working environment of the typical misdepartment within the business community, including organizational structure and communication, budgeting issues, personnel issues, equipment acquisition and installation, planning for daily operations, and system evaluation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Senior; INFSCI 1024 and INFSCI 1037

INFSCI 1044 - HUMAN FACTORS IN SYSTEM DESIGN

Minimum Credits: 3

Maximum Credits: 3

Examines human-machine designs with special emphasis on human-computer interaction. Topics center on how to analyze, create, and improve equipment and environment to be compatible with human capabilities and expectations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

INFSCI 1052 - USER CENTERED DESIGN

Minimum Credits: 3

Maximum Credits: 3

Introduces principles and programming of interactive systems. Interaction techniques are surveyed and incorporated in the design of interfaces.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CS 0422 and INFSCI 1044

INFSCI 1053 - DIGITAL FORENSICS

Minimum Credits: 3

Maximum Credits: 3

An introduction to the collection, analysis, and preservation of digital evidence in criminal investigation. A summary of legal issues and challenges will be augmented by discussion of current trends which impact practitioners. Examples of software and other tools will be used to illustrate techniques. Prerequisites: instructor permission

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1055

INFSCI 1055 - CLIENT/SERVER OPERATING SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

This course prepares the student to administer networks using the Microsoft Windows Server operating system and to pass the Microsoft Windows Server certification exam. Focusing on updates to the software and in-depth coverage of the administration aspects of Windows Server, this course includes topics such as installing, configuring, managing and troubleshooting Windows Server.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1070

INFSCI 1057 - LINUX OPERATING SYSTEM

Minimum Credits: 3

Maximum Credits: 3

This course provides an introduction to the use and administration of the Linux operating system. Operating system concepts will be covered as well as how Linux implements these concepts. We will explore the main areas of the operating system, including the file system, process execution in a multitasking, multi-user environment, and security functionality. Special attention will be paid to the Linux shell, with an emphasis on shell programming and security.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1070

INFSCI 1058 - SERVER-SIDE WEB PROGRAMMING

Minimum Credits: 3

Maximum Credits: 3

This course will introduce the PHP scripting language. Students will download and install the Apache web server, PHP, and MySQL database. The course will cover programming concepts, client/server architecture, database access and HTML/CSS. Students will develop a full-scale web application as their final project.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CS 0421 and INFSCI 1022

INFSCI 1068 - GEOSPATIAL INFORMATION SYSTEMS (GIS)

Minimum Credits: 3

Maximum Credits: 3

Introduction to geographic information system (GIS) concept and technology including spatial data sources, spatial data models and structures, spatial database management, map projection systems, geocoding and Georeferencing, spatial analysis, spatial data visualization (maps), GIS applications (e.g., Address-location finding, navigation, routing), and commercial GIS software packages.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1022

INFSCI 1070 - INTRODUCTION TO TELECOMMUNICATIONS AND NETWORKS

Minimum Credits: 3

Maximum Credits: 3

Introduction to telecommunications and networks. Top-down orientation relates networking technologies to organizational goals and needs. Data communications and internet technologies and basic system performance analysis. TCP/IP, lans, wans, internetworking, and signals and communications media.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 0010 and (MATH 0031 or MATH 0020)

INFSCI 1071 - APPLICATIONS OF NETWORKS

Minimum Credits: 3

Maximum Credits: 3

Second course in telecommunications and networks. Network architecture, protocols, performance, design, and analysis based on application needs, organizational requirements, user requirements, and performance objectives.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1070

INFSCI 1072 - INTRODUCTION TO WIRELESS NETWORKS

Minimum Credits: 3

Maximum Credits: 3

Introductory broad overview for students with a basic background in telecommunications. Not for telecom majors. Principles of wireless communications and how they differ from wired communications. Fundamental concepts including: transmission and mitigation techniques (e.g., Modulation and coding, propagation, interference and antennas) for wireless systems, multiplexing techniques, wireless system architectures, mobility management, security, protocols and location technology. Systems include: cellular phone networks (e.g., Cdma2000, umts), wireless local area networks (e.g., Ieee 802.11G), personal area networks (e.g., Bluetooth), fixed point broadband wireless (e.g., WiMAX) and satellite systems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1070

INFSCI 1073 - APPLICATION DEVELOPMENT FOR MOBILE DEVICES

Minimum Credits: 3

Maximum Credits: 3

This course is an overview of mobile application development technologies and covers three broad categories of mobile application development: (1) Web applications that are developed specifically for viewing on and interacting with on mobile devices (2) Native apps that are developed using languages and technologies specific to a particular mobile platform (3) Applications that are developed using 3-rd party technologies and platforms and compiled to a mobile OS native code. Students will complete a series of projects that will result in interactive apps developed using HTML5, CSS3 and jQuery, apps developed specifically for Android mobile platform using Java programming language and Google Android SDK, and apps (games) developed in Unity 3D and deployed to Android and iOS. Key topics include web application development, web services, HTML5, jQuery, CSS3, PhoneGap, Android Development Studio, Android SDK, Android user interfaces, and Unity 3D mobile game development.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

INFSCI 1074 - COMPUTER SECURITY

Minimum Credits: 3

Maximum Credits: 3

Overview of information security. Principles of security including confidentiality, integrity, and availability. Operating systems and database security concepts. Basic cryptography and network security concepts. Secure software design and application security. Evaluation standards, security management. Social, legal and ethical issues. Human factors in security.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

INFSCI 1075 - NETWORK SECURITY

Minimum Credits: 3

Maximum Credits: 3

Network security and cryptographic protocols. Network vulnerabilities, attacks on TCP/IP, network monitoring, security at the link, network and transport layers. Cryptography, e.g., Secret and public key schemes, message authentication codes and key management. Wlan security, ipsec, ssl, and vpns. E-mail security (pgp, s/mime); kerberos; x.509 Certificates; AAA and mobile IP; SNMP security; firewalls; filters and gateways. Policies and implementation of firewall policies; stateful firewalls; firewall appliances. Network related physical security, risk management and disaster recovery/contingency planning issues and housekeeping procedures.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1070 and INFSCI 1074

INFSCI 1078 - ETHICS IN COMPUTING

Minimum Credits: 3

Maximum Credits: 3

An introduction to cyber-ethics. Considers ethical issues both from the professional perspective, as applied to computing professionals, and also from the perspective of the user or consumer of technology in society today.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0020

INFSCI 1080 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 3

Development of readings, research, and practical implementation of a system or other forms of study as arranged between student and instructor.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

INFSCI 1085 - INTERNSHIP

Minimum Credits: 3

Maximum Credits: 3

Supervised work in an information environment providing a frame of reference for understanding and an opportunity to apply the skills, methodologies, and theories presented in information science courses.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Satisfactory/No Credit

INFSCI 1086 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 2

Supervised work in an information environment providing a frame of reference for understanding and an opportunity to apply the skills, methodologies, and theories presented in information science courses.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

INFSCI 1092 - SPECIAL TOPICS: SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

Advanced class focusing on current or specialized topic in systems area.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

INFSCI 1128 - DATA VISUALIZATION

Minimum Credits: 3

Maximum Credits: 3

Applies principles of human perception and graphic design to the problem of visualizing data. Includes the study of software tools and techniques for analyzing data and creating visualizations that aid in the understanding of and communication about complex data.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: INFSCI 1022 and (CS 0405 or CS 0421)

INFSCI 1160 - DATA MINING

Minimum Credits: 3

Maximum Credits: 3

Introduction to data mining techniques, including data preprocessing, data mining primitives, association rules, decision trees, cluster analysis, classification and machine learning, data visualization, and data warehousing. Detailed applications from a wide variety of domains. It is a new elective course for IT and MIS majors. The hybrid designation means that the class will not be a run in the traditional way where students and instructor meet together for lectures and labs. There will be occasional in-person meetings, but the plan is for narrated PowerPoints for lectures and instruction scripts for labs to be posted to CourseWeb. Students will listen to lectures, complete homework and do lab work independently.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: INFSCI 1022

INFSCI 1680 - SOCIAL MEDIA

Minimum Credits: 3

Maximum Credits: 3

This course examines the use of social media for marketing, recruiting, research, collaboration on projects, customer engagement and applications in a variety of organizations. Metrics to evaluate competitive position and the success of new approaches to social media will be covered. Students will complete a project to recommend social media applications for a small organization.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

INFSCI 1851 - PRACTICUM IN DATA ANALYTICS

Minimum Credits: 3

Maximum Credits: 3

Students will be introduced to learning modules, based on various topics in data analytics, in preparation for projects, internships, or job experiences. Students will develop the skills necessary to understand, interpret, and analyze data based on multi-disciplinary approaches in data analytics.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

INFSCI 1901 - INTERNSHIP FOR DATA ANALYTICS

Minimum Credits: 3

Maximum Credits: 3

Student participates in a related project or job experience through supervised work in a statistics/information science environment. This will provide a frame of reference for understanding and an opportunity to apply the skills, methodologies, and theories presented in data analytics courses.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Requirements: PREQ: INFSCI 1851 or STAT 1851

INFSCI 1950 - UNDERGRAD TEACHING ASSISTANT EXPERIENCE

Minimum Credits: 1

Maximum Credits: 3

Involves student participation as an undergraduate teaching assistant (UTA) for an Information Science course under the supervision of a faculty member.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

INFSCI 1951 - DATA ANALYTICS CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Students will be preparing and presenting research. This course is designed for students to learn how to solve real-world problems and see a project through from start to finish. The course will also allow students to gain hands-on experience, build skills in requirements, increase experience in project management, and develop interpersonal skills under the guidance of faculty. Performance will be evaluated and graded based on the overall project success and assessments from collaborators, faculty, and student peer reviews.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: INFSCI 1901 or STAT 1901

Instruction and Learning

IL 0020 - DIRECTED TUTORING

Minimum Credits: 1

Maximum Credits: 3

Provides pre-education majors with tutoring experiences in area school districts or other field settings.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ADMPS 1001, (PSY 1001 or PSYED 1001), IL 1000, IL 1330

IL 1060 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 1

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to teaching exceptional students in mainstream classrooms. It will provide students who plan to become educators with opportunities to (1) develop a knowledge base of attitudinal issues regarding inclusive educational practices and a philosophical orientation towards effective inclusion strategies, (2) increase interpersonal skills for working effectively with individual and groups, and (3) increase technical skills in observing, planning, assessing and evaluation for both behavioral and instructional challenges.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ADMPS 1001; (PSY 1001 or PSYED 1001)

IL 1061 - EDUCATION OF EXCEPTIONAL STUDENTS IN THE CLASSROOM 2

Minimum Credits: 3

Maximum Credits: 3

In this course, knowledge and attitudes introduced in I&L; 1060 will be enriched as students obtain additional strategies for supporting students with special needs in their classrooms. Specific foci include: (1) developing management and behavioral intervention plans, (2) developing additional accommodation and support strategies, (3) working with students with mental illness, and (4) enhancing the skills introduced in I&L 1060. Students will also partake in field experiences in classrooms with included students.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1060, (IL 1330 or 1332); PLAN: Early Childhood Education or Secondary Education COREQ: IL 1700 or IL 1702

IL 1062 - METHODS AND STRATEGIES FOR MODERATE TO SEVERE DISABILITIES

Minimum Credits: 3

Maximum Credits: 3

This course focuses on curriculum, instruction, accommodations, and modifications for students with low incidence and moderate to severe disabilities. Topics covered include: access to general education classrooms; academic content and instruction (literacy, math, science, social studies, and other areas of instruction); teaching daily functional life and leisure skills; social, emotional, and health care needs; creation and implementation of Individualized Education Programs (IEPs); selecting appropriate accommodations and modifications; the impact of cultural and linguistic diversity on learning; collaboration among teachers and related service providers; and transition.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1075 - GIFTED EDUCATION

Minimum Credits: 3

Maximum Credits: 3

Allows students to delve into the topic of gifted education. Students will learn not only the definition of gifted education and the varied ways of recognizing giftedness, but will also learn how to support the intellectual, social, and emotional needs of gifted students. The integrated field

experience allows students to connect university learning to in-school practices, promoting a seamless learning experience.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: (IL 1330 or IL 1332 or IL 1333) and IL 1060

IL 1161 - SOCIAL STUDIES IN THE PRIMARY YEARS

Minimum Credits: 2

Maximum Credits: 2

Designed to prepare the Undergraduate early childhood student to effectively teach social studies at the early childhood school level. The practical competencies needed for teaching social studies are explored, developed and experienced.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1324; IL 1700; PLAN: Early Childhood Education Major

IL 1210 - EMERGENT LITERACY

Minimum Credits: 3

Maximum Credits: 3

This course focuses on children's language acquisition and early literacy development. Included are research, instructional models and strategies, curriculum design, assessment practices, and the selection and use of children's literature in the development of the necessary foundations for effective speaking, listening, reading, and writing.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGLIT 1640; PSY 0310; (PSY 1001 or PSYED 1001); PLAN: Early Childhood Education Major CREQ: IL 1700

IL 1215 - READING IN THE PRIMARY YEARS

Minimum Credits: 3

Maximum Credits: 3

As one of three courses designed to examine the development of literacy from the earliest years through grade four, this course focuses primarily on the teaching of reading in the early elementary grades. Theories and research are examined, and a variety of instructional practices and materials are presented for teaching children how to read and comprehend the meaning of various types of written text. Included are means of assessment for analyzing children's reading abilities and for differentiating reading instruction based on those analyses.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGLIT 1640; IL 1700; PLAN: Early Childhood Education Major CREQ: IL 1225

IL 1218 - ASSESSMENT IN EDUCATION

Minimum Credits: 3

Maximum Credits: 3

This course focuses on research, policies, and best practices related to assessment in educational settings. Both formal and informal instruments and approaches will be discussed with an emphasis on means of assessment that can be used by teachers of young children to link assessment to curriculum planning, to guide children's development, and to evaluate programs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0050, MATH 0052; IL 1330; PLAN: Early Childhood Education Major CREQ: IL 1700

IL 1219 - METHODS AND STRATEGIES FOR LANGUAGE AND LITERACY

Minimum Credits: 3

Maximum Credits: 3

This course focuses on literacy development and instruction through the examination and application of research-based strategies for teaching reading, writing, speaking, and listening skills to students with exceptional needs. Topics covered are utilizing evidence-based strategies in planning and adapting instruction, adapting curriculum to meet the needs of diverse learners in the reading classrooms, provide adapted reading support in the additional content areas of math, social studies, and science, provide assistive technology solutions where needed, and utilizing ongoing assessment to plan and adapt instruction that meets the individualized needs of all students..

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1220 - LANGUAGE ARTS IN THE PRIMARY YEARS

Minimum Credits: 3

Maximum Credits: 3

As one of three courses designed to examine the development of literacy from the earliest years through grade four, this course focuses primarily on writing, speaking, and listening abilities. Included are the theories, research, instructional approaches, and materials needed to support children during the early elementary grades in communicating effectively through various types of writing, through appropriate speech for differing situations, and through active listening to others' communication. Topics such as spelling, grammar, handwriting, and the writing process also are addressed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGLIT 1640; IL 1700; PLAN: Early Childhood Education Major CREQ: IL 1225

IL 1222 - MATHEMATICS IN THE PRIMARY YEARS

Minimum Credits: 3

Maximum Credits: 3

This course is designed to provide the theoretical background and the pedagogical and psychological concepts necessary for planning, implementing, and assessing a mathematics program for the early elementary grades. A variety of instructional approaches will be introduced, with particular emphasis on teaching mathematics through problem solving and active learning experiences. Contents will include the selection and preparation of appropriate instructional materials for effectively facilitating the learning of mathematical content and process skills, and for integrating this learning with other areas of the elementary school curriculum.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1700; PLAN: Early Childhood Education Major

IL 1223 - METHODS AND STRATEGIES FOR MATHEMATICS

Minimum Credits: 3

Maximum Credits: 3

This course focuses on methods and strategies for teaching math to students with exceptional needs. Emphasis is on assessment, remediation, evaluating, and modifying commercially developed math programs, and evidence-based instructional practices to promote skill acquisition, maintenance, and generalization. Mathematics, which is considered one of the three core subjects, often needs to be adapted for students with special needs. This course also focuses on how to assess students and accommodate their needs in math.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1225 - PEDAGOGY LAB - LITERACY AND MATHEMATICS

Minimum Credits: 1

Maximum Credits: 1

A one credit course that is required of all students pursuing early childhood education. The pedagogy lab allows students to experience in actual classroom settings the implementation of pedagogical techniques learned in the content courses, particularly the literacy and mathematics courses.

Dual placements of 15 hours each are arranged at two different levels in the early elementary grades: k-1 and 2-4. The lab experience is intended to create an essential bridge that spans content and pedagogy in order to connect theory to practice.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1700; PLAN: Early Childhood Education Major CREQ: IL 1215, IL 1220, IL 1222

IL 1226 - PEDAGOGY LAB: LITERACY AND MATHEMATICS - SPECIAL EDUCATION

Minimum Credits: 1

Maximum Credits: 1

The pedagogy lab provides a unique opportunity for students to focus on the development of concepts, skills, and attitudes in the areas of literacy and mathematics. Students will design, implement, assess, and modify lessons in an actual classroom setting under the supervision of a Master Teacher and a University professor. Other areas of focus will be accommodations for special needs students, classroom management, guidance techniques, and professional collaboration. Placements in K-5 and 6-12 classrooms will be arranged for the student to participate in 30 hours split between ELA and mathematics. The content of the course will include, but not be limited to, the knowledge and skills listed below as identified by the Pennsylvania Department of Education Program Specific Guidelines for certification to teach children from the pre-kindergarten years to grade 12 in special education.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

IL 1235 - TEACHING ENGLISH IN SECONDARY SCHOOLS

Minimum Credits: 3

Maximum Credits: 3

The core competencies to be acquired and developed by students in this course are (1) the theory of teaching English by performance objectives; (2) methods of teaching grammar, composition, literature, oral communication, and media; and (3) strategies for curriculum development, as well as course unit and daily lesson plans.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1702; CREQ: IL 1236; PLAN: Secondary Education Major

IL 1236 - PEDAGOGY LAB - ENGLISH

Minimum Credits: 1

Maximum Credits: 1

A one credit course that will be required for all students enrolled in the English methods course. The pedagogy lab will allow students to experience firsthand the implementation of pedagogical techniques, as learned in the content methods course, being used to teach content in an actual 7-12 classroom setting. This course is intended to create an essential bridge that spans content and pedagogy in order to connect theory to practice.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: IL 1235; PLAN: Secondary Education Major

IL 1237 - TEACHING SPANISH METHODS IN K-12 CLASSROOMS

Minimum Credits: 3

Maximum Credits: 3

This course familiarizes pre-service Spanish educators with (1) strategies for developing materials and teaching Spanish to k-12 students; (2) the Pennsylvania and national standards for foreign language learning in the 21st century; and (3) resources for teaching Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Admission to GSPED-BS (Spanish Education major); COREQ: IL 1238

IL 1238 - PEDAGOGY LAB- SPANISH

Minimum Credits: 1

Maximum Credits: 1

One credit course required for all students enrolled in the Spanish methods course. Allows students to experience firsthand the implementation of pedagogical techniques, as learned in the content methods course, being used to teach content in an actual k-12 classroom setting. Intended to create an essential bridge that spans content and pedagogy in order to connect theory to practice.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Admission to GSPED-BS (Spanish Education major); COREQ: IL 1237

IL 1275 - INTEGRATING THE CREATIVE ARTS

Minimum Credits: 3

Maximum Credits: 3

This course focuses on the development of the concepts and skills underlying creative arts programs for children from pre-kindergarten through grade four. Introduced will be a variety of approaches for facilitating the learning of content and skills drawn from the visual arts, music, drama, and dance, and for integrating this learning with other areas of the curriculum.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1330

IL 1280 - TEACHING SOCIAL STUDIES IN SECONDARY SCHOOLS

Minimum Credits: 3

Maximum Credits: 3

This course extends general secondary education strategies and applies them to secondary social studies. Specific techniques to teach geography, history, economics, and other social studies disciplines are the focus. Background social studies information, typical to 7-12 classes, is included.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1702; CREQ: IL 1281; PLAN: Secondary Education Major

IL 1281 - PEDAGOGY LAB - SOCIAL STUDIES

Minimum Credits: 1

Maximum Credits: 1

Taken in conjunction with IL 1280 teaching social studies in secondary schools, this lab experience will be jointly planned by a university professor and a classroom teacher with the intent of increasing the transfer of learning from university to school classroom. Candidates will observe techniques taught in class being applied with 7-12 grade students, will plan lessons for those students, and implement best practices within the secondary classrooms.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: IL 1280; PLAN: Secondary Education Major

IL 1324 - ENGAGING YOUNG CHILDREN IN LEARNING

Minimum Credits: 3

Maximum Credits: 3

This course focuses on the establishment of an educational curriculum and environment that fosters the growth and development of children in all areas -- cognitive, social, physical, and emotional ' during the pre-kindergarten and early kindergarten periods. Components of the course include the foundations of early childhood education; curriculum models and approaches; classroom management and scheduling; integrated instructional planning, including play; observation and other assessment approaches appropriate for use with very young children; and indoor and outdoor

environmental design. One component of the course is a field experience in a pre-kindergarten setting.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1330, IL 1700; PLAN: Early Childhood Education Major

IL 1330 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - EARLY CHILDHOOD

Minimum Credits: 3

Maximum Credits: 3

This course focuses on basic teaching strategies for prospective teachers of education. It focuses on instructional planning, classroom management, and models of instruction, instructional technologies, and the interactive skills of classroom teaching. The selection and organization of content is examined in terms of such factors as the availability of resources, curriculum standards, research trends, preferred teaching and learning strategies, desired learning outcomes, thinking and study skills, and students' development and cultural needs. Extensive use is made of taxonomies of learning for defining objectives and analyzing questioning, teaching, instructional design, and assessment strategies. The instructional needs of special education students within the regular classroom setting are addressed. This course includes both lecture and hands-on activities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ADMPS 1001; PSY 0310, (PSY 1001 or PSYED 1001)

IL 1332 - STRATEGIES AND TECHNIQUES OF INSTRUCTION - SECONDARY

Minimum Credits: 3

Maximum Credits: 3

This course focuses on basic teaching strategies for prospective teachers of education. It focuses on instructional planning, classroom management, model of instruction, instructional technologies, and the interactive skills of classroom teaching. The selection and organization of content is examined in terms of such factors as the availability of resources, curriculum standards, research trends, preferred teaching and learning strategies, desired learning outcomes, thinking and study skills, and students' development and cultural needs. Extensive use is made of taxonomies of learning for defining objectives and analyzing questioning, teaching, instructional design, and assessment strategies. The instructional needs of special education students within the regular classroom setting are addressed. This course includes both lecture and hands-on activities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ADMPS 1001

IL 1333 - STRATEGIES AND TECHNIQUES OF INSTRUCTION K-12

Minimum Credits: 3

Maximum Credits: 3

This course focuses on basic teaching strategies for prospective teachers of education. It focuses on instructional planning, classroom management, models of instruction, instructional technologies, and the interactive skills of classroom teaching. The selection and organization of content is examined in terms of such factors as the availability of resources, curriculum standards, research trends, preferred teaching and learning strategies, desired learning outcomes, thinking and study skills, and students' development and cultural needs. Extensive use is made of taxonomies of learning for defining objectives and analyzing questioning, teaching, instructional design, and assessment strategies. The instructional needs of special education students within the regular classroom setting are addressed. This course includes both lecture and hands-on activities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1334 - STRAT. & TECH. OF INSTRUCTION-SPECIAL EDUCATION

Minimum Credits: 3

Maximum Credits: 3

Focuses on basic teaching strategies for prospective teachers of education. It focuses on instructional planning, classroom management, models of instruction, instructional technologies, and the interactive skills of classroom teaching. The selection and organization of content is examined in terms

of such factors as the availability of resources, curriculum standards, research trends, preferred teaching and learning strategies, desired learning outcomes, thinking and study skills, and students' development and cultural needs. Extensive use is made of taxonomies of learning for defining objectives and analyzing questioning, teaching, instructional design, and assessment strategies. The instructional needs of special education students within the regular classroom settings and outside the regular classroom setting are addressed. This course includes both lecture and hands-on activities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1360 - TRANSITION & COLLABORATION: EDUCATION, PLANNING, AND SERVICES

Minimum Credits: 3

Maximum Credits: 3

This course involves the study of evidence-based research on student outcomes and effective transition practices from early childhood, elementary, and middle school transition with a focus on postsecondary transition practices. In special education, transitions are those times when a student moves from one setting to another (e.g., elementary to middle school or graduating from high school to whatever is next for that individual). Understandably, transition plans include a wide variety of stakeholders: not only the student and their parents, but other teachers, therapists (speech, physical, cognitive), administrators. This course focuses on understanding how to best assist students with special needs in this process and how to collaborate within the educational system and the larger community. Topics include transition-related legislation in the fields of special and vocational education, rehabilitation, labor, and civil rights legislation, transition practice and planning that develop self-determination and self-advocacy competencies in students with disabilities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1362 - ASSISTIVE TECHNOLOGY AND ACCESSIBILITY

Minimum Credits: 3

Maximum Credits: 3

This course provides an overview of how assistive technology can be utilized to provide all students, including students with exceptional needs, access to education, communication, mobility, recreation, and independence. Students with special needs may be more dependent on technology (e.g., audiobooks) or may benefit from technology (e.g., voice to text). This course focuses on the wide variety of assistive technology available for education and how to best employ it for students with exceptional needs. Included are assistive technology adaptations to access reading, math, social studies, and science. Teacher candidates will have the opportunity to apply current research and best practice to support Universal Design for Learning and Differentiated Instruction to reduce barriers in instruction by providing appropriate accommodations and supports while maintaining high expectations for all students, including students with exceptional needs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1364 - CLASSROOM AND BEHAVIOR MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

This course provides principles, techniques, and procedures for classroom and behavior management. Topics include an overview of positive behavior interventions and supports, the theoretical models of behavior, utilizing proactive strategies to support learning, assessment, and monitoring of behaviors, targeted and tertiary level interventions, and supports. Students will design learning environments that are respectful and inclusive of all students while promoting the engagement and independence of students with disabilities. Additional topics include an emphasis on working with students with emotional and behavioral disorders, autism and related disorders, social skills instruction, transitions, and the over and under-representation issues in special education. Field Component Requirement: Course includes a ten-hour practicum.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1410 - SCHOOL-FAMILY-COMMUNITY COLLABORATION

Minimum Credits: 2

Maximum Credits: 2

This course focuses on partnerships among inclusive schools/programs serving children with and without special needs, families, and the community. Emphasis is placed on requisite skills and benefits for successfully establishing, supporting, and maintaining respectful collaborative relationships among today's schools/centers, diverse families, and community agencies that enhance the educational experiences and well-being of all children.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1700; SOC 0455; PLAN: Early Childhood Education Major

IL 1422 - SCIENCE AND HEALTH IN THE PRIMARY YEARS

Minimum Credits: 3

Maximum Credits: 3

Designed to help students develop the theoretical background and the pedagogical knowledge and skills necessary for teaching science and health in the early elementary grades. Included are a variety of approaches for effectively facilitating the learning of content and skills drawn from the sciences, from health topics, from environmental studies, and from technological developments, and for integrating this learning with other areas of the curriculum.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1425 - ENGINEERING AND TECHNOLOGY IN THE ELEMENTARY CLASSROOM

Minimum Credits: 4

Maximum Credits: 4

Students in this course will explore different types of engineering and, using this foundation, will develop activities and lessons that they will then facilitate in early childhood classrooms. Student-developed lessons will utilize the engineering design process and require creativity and teamwork from the elementary students. Under the supervision of University faculty, pre-service teachers will gain 15 hours of field experience teaching engineering to students in schools.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

Course Requirements: PREQ: IL 1700; NATSC 0070; Early Childhood Major

IL 1440 - TEACHING SCIENCE IN SECONDARY SCHOOLS

Minimum Credits: 3

Maximum Credits: 3

Designed to develop an overall rationale for dealing with classroom science instruction; students design, teach and evaluate teaching strategies for teaching secondary school science; specific materials for teaching science and strategies for their effective use are examined. Strategies for curriculum development, as well as course unit and daily lesson plans will be a major focus of this class.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1702; CREQ: IL 1441, IL 1442; PLAN: Secondary Education Major

IL 1441 - PEDAGOGY LAB - SCIENCE

Minimum Credits: 1

Maximum Credits: 1

A one credit course that will be required for all students enrolled in the science methods course. The pedagogy lab will allow students to experience firsthand the implementation of pedagogical techniques, as learned in the content methods course, being used to teach content in an actual 7-12 classroom setting. This course is intended to create an essential bridge that spans content and pedagogy in order to connect theory to practice.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: IL 1440, IL 1442; PLAN: Secondary Education Major

IL 1442 - TEACHING LAB SCIENCE

Minimum Credits: 1

Maximum Credits: 2

This unique laboratory operations course is designed to assist the future laboratory instructor with designing, operating and teaching a comprehensive laboratory curriculum. Safe lab operations will be stressed.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: IL 1440, IL 1441; PLAN: Secondary Education Major

IL 1470 - TEACHING MATHEMATICS IN SECONDARY SCHOOLS

Minimum Credits: 3

Maximum Credits: 3

Topics include learning, instruction, and assessment, planning lessons, effective learning environments, successful teaching strategies, and materials and resources. Responsibilities and professionalism will also be discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1702; CREQ: IL 1471; PLAN: Secondary Education Major

IL 1471 - PEDAGOGY LAB - MATHEMATICS

Minimum Credits: 1

Maximum Credits: 1

A one credit course that will be required for all students enrolled in the math methods course. The pedagogy lab will allow students to experience firsthand the implementation of pedagogical techniques, as learned in the content methods course, being used to teach content in an actual 7-12 classroom setting. This course is intended to create an essential bridge that spans content and pedagogy in order to connect theory to practice.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: IL 1470; PLAN: Secondary Education Major

IL 1700 - EARLY FIELD EXPERIENCE-ELEM

Minimum Credits: 3

Maximum Credits: 3

Introductory field experience for undergraduate students who plan to enter the teaching profession. Offers opportunities to observe young children and assist master teachers in elementary school classrooms and early childhood education centers.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

Course Requirements: PREQ: ADMPS 1001; IL 1330; PSY 0310, (PSY 1001 or PSYED 1001)

IL 1702 - EARLY FLD EXPERIENCE-SECONDARY

Minimum Credits: 3

Maximum Credits: 3

Introductory field experience for undergraduate students who plan to enter the teaching profession. Offers opportunities to observe adolescent learners in secondary school class rooms and assist master teachers in various subject areas.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ADMPS 1001; (IL 1330 or IL 1332); (PSY 1001 or PSYED 1001)

IL 1703 - EARLY FILED EXPERIENCE K-12

Minimum Credits: 3

Maximum Credits: 3

Introductory field experience for undergraduate students who plan to enter the teaching profession. Offers opportunities to observe adolescent learners in secondary school classrooms and assist master teachers in various subject areas.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

IL 1705 - EARLY FIELD - SPECIAL EDUCATION K-12

Minimum Credits: 3

Maximum Credits: 3

Introductory field experience for undergraduate students who plan to enter the teaching profession. Offers opportunities to observe special education learners in classrooms and assist master teachers in various subject areas.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

IL 1711 - EDUCATION & HEALTHCARE: INTERSECTIONS IN BIRMINGHAM UK

Minimum Credits: 3

Maximum Credits: 3

This unique 3.0 credit course will take a thematic and interdisciplinary approach to understanding the intersections of healthcare and education. In particular, the course will address and compare healthcare systems, education systems, social services, social determinants, inequality, advocacy, and intervention. This course is offered as a global experience in the United Kingdom. It is cross-listed with NURS XXXX. The course is conducted through required pre-departure lectures and discussion and the required trip abroad to tour local education and healthcare institutions, attend lectures, and visit important cultural and content related sites.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: Letter Grade

IL 1775 - GIFTED EDUCATION

Minimum Credits: 3

Maximum Credits: 3

Allows students to delve into the topic of gifted education. Students will learn not only the definition of gifted education and the varied ways of recognizing giftedness, but will also learn how to support the intellectual, social, and emotional needs of gifted students. The integrated field experience allows students to connect university learning to in-school practices, promoting a seamless learning experience.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

IL 1810 - PRE STUDENT TEACHING - EARLY CHILDHOOD

Minimum Credits: 1

Maximum Credits: 1

This one-hour course allows students to observe and participate in the classroom where they will student teach. The purpose is to integrate the education major into the class so that increased learning and participation during student teaching occurs.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1215, IL 1220, IL 1222, IL 1225, IL 1324, IL 1700; PLAN: Early Childhood Education Major

IL 1811 - PRE STUDENT TEACHING - SECONDARY

Minimum Credits: 1

Maximum Credits: 1

This one-hour course allows students to observe and participate in the classroom where they will student teach. The purpose is to integrate the education major into the class so that increased learning and participation during student teaching occurs.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1235 or IL 1280 or IL 1440 or IL 1470; PLAN: Secondary Education Major

IL 1812 - PRE-STUDENT TEACHING- K-12

Minimum Credits: 1

Maximum Credits: 1

This one-hour course allows students to observe and participate in the classroom where they will student teach. The purpose is to integrate the education major into the class so that increased learning and participation during student teaching occurs.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1237 and IL 1238; Plan: Spanish Education Major K-12

IL 1813 - PRE-STUDENT TEACHING SEMINAR - SPECIAL EDUCATION

Minimum Credits: 1

Maximum Credits: 1

This course allows students to observe and participate in the classroom where they will student teach. The purpose is to integrate the education major into the class so that increased learning and participation during student teaching occurs. For Special Education majors, to be taken the semester prior to Student Teaching.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

IL 1820 - STUDENT TEACHING - EARLY CHILDHOOD

Minimum Credits: 12

Maximum Credits: 12

A full-time practicum for teacher certification candidates. Provides opportunities to observe, plan, conduct, and evaluate students in the school setting and receive professional feedback from university supervisor and experienced master teachers.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1810; CREQ: IL 1875; PLAN: Early Childhood Education Major

IL 1821 - STUDENT TEACHING - SECONDARY

Minimum Credits: 12

Maximum Credits: 12

A full-time practicum for teacher certification candidates. Provides opportunities to observe, plan, conduct, and evaluate students in the school setting and receive professional feedback from university supervisor and experienced master teachers.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1811; CREQ: IL 1876; PLAN: Secondary Education Major

IL 1823 - STUDENT TEACHING - SPECIAL EDUCATION 1

Minimum Credits: 6

Maximum Credits: 6

Full-time practicum for teacher certification candidates. Provides opportunities to observe, plan, conduct, and evaluate students in the school setting and receive professional feedback from University supervisor and experienced master teachers. Special Education must complete two 6-credit courses. This is the first course in the sequence.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

IL 1824 - STUDENT TEACHING - SPECIAL EDUCATION 2

Minimum Credits: 6

Maximum Credits: 6

Full-time practicum for teacher certification candidates. Provides opportunities to observe, plan, conduct, and evaluate students in the school setting and receive professional feedback from University supervisor and experienced master teachers. Special Education must complete two 6-credit courses. This is the second course in the sequence.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

IL 1872 - K-12 STUDENT TEACHING ABROAD

Minimum Credits: 6

Maximum Credits: 6

Seven-weeks in duration, this full-time experience is for teacher certification candidates in a student teaching center in K-12 programs abroad. Provides opportunities to observe, plan, conduct, and assess instruction in the school setting with professional feedback from University supervisors and experienced master teachers. Open only to early K-12 education majors approved for student teaching. This student teaching option must be registered for in conjunction with K-12 student teaching - US.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

IL 1873 - K-12 STUDENT TEACHING - US

Minimum Credits: 6

Maximum Credits: 6

Seven-weeks in duration, this full-time experience is for teacher certification candidates in a student teaching center in K-12 programs in the US. Provides opportunities to observe, plan, conduct, and assess instruction in the school setting with professional feedback from University supervisors and experienced master teachers. Open only to early K-12 education majors approved for student teaching. This student teaching option must be registered for in conjunction with K-12 student teaching - Abroad.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

IL 1874 - K-12 TEACHING SEMINAR ABROAD

Minimum Credits: 1

Maximum Credits: 1

Weekly seminar that corresponds to student teaching. Allows students to share experiences, gain insights, and move further towards certification process.

Academic Career: Undergraduate

Course Component: Seminar
Grade Component: LG/SNC Elective Basis

IL 1875 - STUDENT TEACHING SEMINAR - EARLY CHILDHOOD

Minimum Credits: 1

Maximum Credits: 1

A seminar for student teachers in the certification field that emphasizes collaborative problem solving of practical teaching problems and continued professional development.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: IL 1810; PLAN: Early Childhood Education Major CREQ: IL 1820

IL 1876 - STUDENT TEACHING SEMINAR - SECONDARY

Minimum Credits: 1

Maximum Credits: 1

A seminar for student teachers in the certification field that emphasizes collaborative problem solving of practical teaching problems and continued professional development.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: IL 1821; PLAN: Secondary Education Major

IL 1877 - STUDENT TEACHING SEMINAR- K-12

Minimum Credits: 1

Maximum Credits: 1

A seminar for student teachers in the certification field that emphasizes collaborative problem solving of practical teaching problems and continued professional development.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

IL 1878 - STUDENT TEACHING SEMINAR - SPECIAL EDUCATION K-12

Minimum Credits: 1

Maximum Credits: 1

Seminar for student teachers in the certification field that emphasizes collaborative problem solving of practical teaching problems and continued professional development.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

IL 1882 - EARLY CHILDHOOD STUDENT TEACHING ABROAD

Minimum Credits: 6

Maximum Credits: 6

Seven-weeks in duration, this full-time experience is for teacher certification candidates in a student teaching center at an elementary school abroad. Provides opportunities to observe, plan, conduct, and assess instruction in the school setting with professional feedback from University supervisors and experienced master teachers. Open only to early childhood education students approved for student teaching. This student teaching option must be registered for in conjunction with early childhood student teaching - us.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

IL 1883 - EARLY CHILDHOOD STUDENT TEACHING - US

Minimum Credits: 6

Maximum Credits: 6

Seven weeks in duration, this full-time experience is designed for teacher certification candidates in a student teaching center at an area pre-k to 4th grade school. Provides opportunities to observe, plan, conduct, and assess instruction in the school setting with professional feedback from University supervisors and experienced master teachers. Open only to early childhood education students approved for student teaching. This student teaching option must be registered for in conjunction with early childhood student teaching abroad.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

IL 1884 - EARLY CHILDHOOD TEACHING SEMINAR ABROAD

Minimum Credits: 1

Maximum Credits: 1

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

IL 1892 - SECONDARY STUDENT TEACHING ABROAD

Minimum Credits: 6

Maximum Credits: 6

Seven-weeks in duration, this full-time experience is designed for teacher certification candidates in a student teaching center at a secondary school abroad. Provides opportunities to observe, plan, conduct, and assess instruction in the school setting with professional feedback from University supervisors and experienced master teachers. Open only to secondary education students approved for student teaching. This student teaching option must be registered for in conjunction with secondary student teaching - us.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

IL 1893 - SECONDARY EDUCATION STUDENT TEACHING - US

Minimum Credits: 6

Maximum Credits: 6

Seven weeks in duration, this full-time experience is designed for teacher certification candidates in a student teaching center at an area high school or middle school. Provides opportunities to observe, plan, conduct, and assess instruction in the school setting with professional feedback from University supervisors and experienced master teachers. Open only to secondary education students approved for student teaching. This student teaching option must be registered for in conjunction with secondary student teaching abroad.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

IL 1894 - SECONDARY EDUCATION TEACHING SEMINAR ABROAD

Minimum Credits: 1

Maximum Credits: 1

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

IL 1900 - INDEPENDENT STUDY

Minimum Credits: 1
Maximum Credits: 3
Academic Career: Undergraduate
Course Component: Independent Study
Grade Component: LG/SNC Elective Basis

Interdisciplinary Studies

INDIST 0004 - CAREER EXPLORATION AND PLANNING

Minimum Credits: 1
Maximum Credits: 1

This course will focus on major theoretical approaches to career development and the decision-making process. Its goals are to help students identify and explore their academic and career options and maximize the college experience to achieve their post-graduate plans.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

INDIST 0015 - COLLEGE SUCCESS SEMINAR

Minimum Credits: 1
Maximum Credits: 1

College success seminar will meet for 50 minutes two days per week. This course offers students a thorough look at the four phases of the learner's journey: preparation for the journey, in-the-classroom journey, after-class journey, and ownership. Preparation for the journey has several components: self-examination which includes learning history, motivation, commitment, mindset, learning styles, organization; study skills assessment; goal setting; definitions of learning; creation of a positive impression; and study techniques. Phase two addresses the following: attendance, punctuality, work ethic, listening skills, note-taking skills, attention to detail, pace, conversation, reflection, participation, respect for others, and integrity. Phase three components include the following: motivation, mindset, work ethic, communication, reading skills, writing skills, time management, place management, use of campus resources, participation in campus organizations, use of study groups, and study strategies. Study strategies are defined as follows: context, critical thinking, reflection, pace, appreciation, word consciousness, construction of meaning, rhetorical modes, metacomprehension, comprehension, and metacognition. Phase four, ownership, involves taking souvenirs from the journey and making connections. The main goals of the course are increasing awareness of the learning process and finding strategies that work well.

Academic Career: Undergraduate
Course Component: Seminar
Grade Component: LG/SNC Elective Basis

INDIST 0100 - INTRODUCTION TO KNOWLEDGE

Minimum Credits: 1
Maximum Credits: 3

This team-taught course utilizes a multidisciplinary approach to examine important issues and crises through scientific, economic, cultural, historical, sociological, and political lenses. It previews university education as a broad-based approach to knowledge development, information reliability, and the challenge of skepticism. The course is intended to develop understanding of, and provoke thought about, issues and topics that are relevant to and affect the student as a citizen of the world. The course will utilize and emphasize reading comprehension, oral expression, and will develop critical thinking, problem solving, leadership, and information literacy skills.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

INDIST 0200 - WELLNESS AND RESILIENCE FOR COLLEGE AND BEYOND

Minimum Credits: 3
Maximum Credits: 3

The purpose of this course is to teach undergraduate students skills for having resilience in the face of commonly experienced stressors and difficulties. Stated simply, resilience is the ability to both survive and thrive. Resilience is not only about your ability to positively adapt to in the face

of adverse or challenging circumstances (that is, survive), but it is also about learning the positive skills, strategies and routines that enable you to live a happy, fulfilling, and successful life (in other words, thrive). This course will provide you with a personalized set of strategies and skills for self-care and optimize your academic and social experience while at the University of Pittsburgh and beyond. By the end of this course, you will have knowledge and skills that you can apply to your life now and in the future. This course will use lectures, readings, videos, discussion forums, practices exercises, and coaching to assist and encourage you in meeting the course objectives while developing your more resilient and skillful self.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

INDIST 1100 - HONORS SPECIAL TOPICS

Minimum Credits: 3

Maximum Credits: 3

This is an Honors-only course that is designed to take an inter/multi-disciplinary approach to important topics. It will be collaboratively taught, which will vary depending on topic and will be offered at least once during each academic year. This course is open to members of the Pitt-Greensburg Honors Program and other students with instructor approval. Reading, writing, and active participation are required.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

INDIST 1900 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 6

This course offers students an opportunity to work as interns in various disciplines.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

International Studies

INTS 0115 - INTRODUCTION TO CHINESE CULTURE AND LANGUAGE

Minimum Credits: 3

Maximum Credits: 3

This course surveys Chinese culture and language in both verbal and nonverbal communication forms. Beginning with a brief overview of political and historical differences between the people's republic of China and the republic of China (Taiwan), it explores elements of Chinese family structures, food, traditional holidays, social art, and leisure activities. Basic conversational Chinese language and rudiments of traditional Chinese writing will be utilized throughout the course. This course is recommended for anyone who is interested in China/Taiwan, as well those interested in cross-cultural communication.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: UPB Cultures General Ed. Requirement, UPB Global General Ed. Requirement

Legal Studies

LEGLST 1843 - LAW OF BUSINESS ORGANIZATIONS

Minimum Credits: 3

Maximum Credits: 3

Explores basic commercial law applicable to the business environment. Areas covered include the law of contracts, sales, agency, and torts. References will be made to both common law principles and to federal and state statutes, with emphasis on the uniform commercial code.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis

LEGLST 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 6

Allows advanced students to pursue topics and research of special interest which are not otherwise available. Course requires construction of plan of study of research on topics selected and approval of instructor who will supervise work.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

Management

MGMT 0021 - THE MANAGEMENT PROCESS

Minimum Credits: 3

Maximum Credits: 3

An introduction designed to emphasize the basic principles, practices, and terminology essential to the understanding of contemporary business and its environment.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MGMT 0022 - FINANCIAL ACCOUNTING

Minimum Credits: 3

Maximum Credits: 3

A study of accounting and financial concepts pertaining to the business enterprise, with emphasis on the understanding and use of accounting and financial data. This course develops the ability to analyze and interpret internal and external financial developments as they relate to a business enterprise and provides an operational knowledge of the accounting cycle.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MGMT 0023 - MANAGERIAL ACCOUNTING

Minimum Credits: 3

Maximum Credits: 3

This course has three objectives: 1) to develop an understanding of cost accounting concepts underlying cost determination and analysis; 2) to provide familiarity with the controls that are afforded in the application of these concepts; and 3) to create an awareness of how cost accounting can contribute to decision making and planning.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 0022

MGMT 0026 - PERSONAL FINANCIAL PLANNING

Minimum Credits: 3

Maximum Credits: 3

The personal financial planning course is designed to provide students with basic information on a wide variety of personal finance topics, including financial planning, money management, income and asset protection and investments.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MGMT 0880 - ENTREPRENEURSHIP

Minimum Credits: 3

Maximum Credits: 3

This course provides a broad introduction to the way American businesses operate, and it focuses on such topics as business ethics, structures of business organizations, marketing, operations and management, human resources and financial management. In a team environment, each student will start their own business then address each of those above mentioned areas as it effects that enterprise.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 0023; MGMT 0021 or MGMT 1819; LVL: Sophomore

MGMT 1125 - BUSINESS ECONOMICS

Minimum Credits: 3

Maximum Credits: 3

Looks at economic decision making within the firm; empirical efforts to estimate demand, cost, and production functions. The course also covers computer and operations research models, such as simple linear programming, present value analysis, and calculus.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ECON 0100 and ECON 0110 and MATH 0120 and (STAT 0200 or STAT 1000 or STAT 1100 or NUR 0088)

MGMT 1138 - CORPORATE FINANCIAL ACCOUNTING

Minimum Credits: 3

Maximum Credits: 3

A continuation of financial accounting with emphasis placed on the accounting for partnerships and corporations. Topics such as long-term liabilities, investments, and financial statements analysis are introduced to the student.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 0022

MGMT 1140 - ACCOUNTING INFORMATION SYSTEMS AND FINANCIAL STATEMENT ANALYSIS

Minimum Credits: 3

Maximum Credits: 3

This course focuses on the design and implementation of accounting information systems with an emphasis on topics and issues related to accounting users and the current computerized business environment. It includes an analysis of the output of these systems, including financial statements that are made available to management for analysis, decision making and control.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1835

MGMT 1818 - MANAGEMENT SCIENCE

Minimum Credits: 3

Maximum Credits: 3

Provides the foundation for two basic managerial tasks; optimization and simulation. A variety of modeling concepts with applications for finance, marketing and operations will be studied in depth. Topics covered are: linear programming, transportation and assignment, "what if" analysis, decision analysis including multiple criteria decision making, queuing models, and statistical models for simulating analyzing input and outputs in

business systems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CS 0098 and (STAT 0200 or STAT 1000 or STAT 1100 or NUR 0088)

MGMT 1819 - INTRODUCTION TO MARKETING

Minimum Credits: 3

Maximum Credits: 3

This course considers the marketing problems of the firm. Topics covered include product development, market segmentation, consumer behavior, distribution channels, pricing and promotion.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MGMT 1820 - OPERATIONS MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

The fundamental problem of any manager is that of taking inputs and transforming them efficiently and effectively into products that result in a "satisfied" customer. This course provides foundations for managing operations in both the manufacturing and services sectors. Topics covered are: quality management, product and process design, inventory control, manufacturing resource planning (MRP), supply chain management, production scheduling, and project management.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: STAT 0200 or STAT 1000 or STAT 1100 or NUR 0088

MGMT 1821 - INTRODUCTION TO FINANCE

Minimum Credits: 3

Maximum Credits: 3

Views the finance function as a planning and control system within the total organization. The emphasis is on financial planning models, including sources and uses of funds, evaluation of investments, and capital budgeting.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 0022 and (STAT 0200 or STAT 1000 or STAT 1100 or NUR 0088)

MGMT 1825 - MARKETING COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

Develops an appreciation and understanding of the individual elements of the marketing communications mix: advertising, direct marketing, sales promotion and public relations. Further, how these may be managed as an integrated program to implement and support the brand, product or service strategy.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1819

MGMT 1827 - DIGITAL MARKETING AND COMMERCE

Minimum Credits: 3

Maximum Credits: 3

This course explores the basic concepts and practical applications of digital marketing and eCommerce. The course examines the theories and realities of digital advertising channels (social media, email, online promotion, paid search, and web analytics), as well as concepts and applications of business-to-consumer (B2C) and business-to-business (B2B) eCommerce.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1819

MGMT 1830 - INVESTMENTS

Minimum Credits: 3

Maximum Credits: 3

This course addresses the procedures and fundamentals of investment management. It develops the theory and application of security analysis, including evaluation and optimization of risk and return characteristics of the different financial assets available in today's market.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1821

MGMT 1832 - HUMAN RESOURCES MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

Provides an introduction into the management of human resources at the organizational level. Conceptual frameworks that can be used for understanding and establishing organizational human resource policy are introduced for the purpose of application in the critical review of an organizational human resource system and discussion of relevant policy issues.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010; LVL: Sophomore

MGMT 1835 - INTERMEDIATE ACCOUNTING 1

Minimum Credits: 3

Maximum Credits: 3

Presents the theory, concepts, and procedures involved in the current practice of financial accounting for the business enterprise. Current developments and the challenges to currently accepted accounting principles and practices are explored. Special attention is directed at timely financial reporting problems in income determination and valuation of assets/liabilities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1138

MGMT 1836 - INTERMEDIATE ACCOUNTING 2

Minimum Credits: 3

Maximum Credits: 3

As a continuation of MGMT 1835, this course deals with accounting theory related to the liability and stock holder's equity sections of the balance sheet, revenue recognition, earnings per share computations, accounting for leases, statement of changes in financial position, statement of cash flows, and other topics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1835

MGMT 1837 - ADVANCED ACCOUNTING

Minimum Credits: 3

Maximum Credits: 3

This course covers accounting for business combinations/ consolidations, partnerships, multinational issues, and branch accounting. Consolidations comprise 55 percent of the course. The focus, each term, will be on those other issues that are currently most important.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1836

MGMT 1838 - STANDRD COSTS, BUDGETS AND PROFIT PLANNING

Minimum Credits: 3

Maximum Credits: 3

Provides an advanced and pragmatic understanding, rooted in theory, of cost accounting concepts, techniques, and systems as they relate to the purposes of cost and operations control. The development and use of benchmarks of performance, their integration in a standard cost system, and the process of developing budgets will be covered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 0023

MGMT 1839 - FEDERAL INCOME TAX ACCOUNTNG 1

Minimum Credits: 3

Maximum Credits: 3

This course is a comprehensive study of the federal income tax structure as it relates to individual and sole proprietorships. Emphasis will be placed on accounting and tax planning, but economic implications of federal income taxation and current issues will be included.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1138

MGMT 1840 - FEDERAL INCOME TAX ACCOUNTNG 2

Minimum Credits: 3

Maximum Credits: 3

A continuation of federal income tax accounting 1, this course investigates tax issues related to different forms of business organizations. Special emphasis will be placed on corporations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1138

MGMT 1841 - AUDITING

Minimum Credits: 3

Maximum Credits: 3

The concepts, standards and methods of auditing are covered. Discussion and readings will focus on the professional and legal environment of the independent auditor and on the audit process, including the role of evidence, the importance of internal accounting controls and the auditor's report. Specific auditing problems will provide practical applications.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1835

MGMT 1843 - LAW OF BUSINESS ORGANIZATIONS

Minimum Credits: 3

Maximum Credits: 3

The objective of this course is to provide an exposure to the extensive laws and regulations which affect almost all major aspects of business operations. Because not all topics can be covered in a one semester course, the topics selected have been chosen on the basis of their importance to contemporary business and the accounting profession.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MGMT 1845 - INTERNATIONAL BUS ENTERPRISES

Minimum Credits: 3

Maximum Credits: 3

This course will introduce the student to the complex environment of international business. It is aimed at familiarizing the student with the range of political, social, and economic factors encountered in non-U.S. Business settings and with the issues involved in establishing and maintaining profitable business activities outside the U.S.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: 3 credits ECON; LVL: at least 45 credits completed

MGMT 1851 - LABOR-MANAGEMENT RELATIONS

Minimum Credits: 3

Maximum Credits: 3

Provides a close examination of the day-to-day labor management relationship and processes. This course considers contract negotiations, contract administration, discipline and grievance procedures, and third-party conflict resolution assistance such as mediation, fact finding, and arbitration. Emphasis is placed on the structure, organization, and objectives of the parties. The similarities and differences between private and public-sector bargaining are also considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Junior

MGMT 1855 - SUPPLY CHAIN MANAGMENT

Minimum Credits: 3

Maximum Credits: 3

A supply chain management course explores contemporary issues related to operations management in a global context. Specifically, supply chain management deals with the management of the flow of materials, information and funds through the network of suppliers, manufacturers, distributors, retailers and customers. The course will also cover the use of optimization and simulation methodologies, where applicable, to problems of distribution network design, inventory management, procurement and outsourcing, revenue management, and channel coordination.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: STAT 1100

MGMT 1857 - PROJECT MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

Planning, organizing, staffing, and controlling projects requires traditional management skills as well as an appreciation of the tools, techniques, and practices unique to project management. This course provides an overview of project management concepts, and then focuses on project planning, estimating, monitoring, and controlling. It also covers topics related to being an effective project leader and managing project teams. The project management institute (PMI), a professional organization for project managers has produced a guide that documents the knowledge and practices needed by today's project managers. This guide, along with current research and management trends related to project management, provide the

framework for material covered in this class.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MGMT 1860 - LEGAL & SOCIAL ENVIRONMENT BUS

Minimum Credits: 3

Maximum Credits: 3

This course examines the social, political and legal interface between the business institution (especially the corporation) and the environment. Topics typically considered include the nature and impacts of technology, ethical and value issues in business, the social responsibilities of business and the management of corporate social policy. The impacts of society and business on one another are highlighted.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or higher

MGMT 1861 - MANAGEMENT POLICY & ADMINSTRTN

Minimum Credits: 3

Maximum Credits: 3

This course focuses on corporate strategy formulation, implementation, and control. The knowledge and techniques learned in earlier courses will be applied in an integrated fashion to the process of strategic decision-making and organizational change. Considerable amount of time will be devoted to the study and analysis of companies. Prerequisite all core courses for the management major.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 0023, MGMT 1818, MGMT 1819, MGMT 1820; INFSCI 0010; STAT 1100

MGMT 1869 - MARKETING RESEARCH

Minimum Credits: 3

Maximum Credits: 3

This course provides an overview of the methods and tools used in market research to guide decision making regarding the development and delivery of products and services. Topics include design of surveys, collection, analysis and interpretation of data, and presentation of results.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1819 and STAT 1100

MGMT 1885 - FINANCIAL INSTITUTIONS & MKTS

Minimum Credits: 3

Maximum Credits: 3

This course provides a broad introduction to various types of financial markets, institutions, and instruments in the United States. Students will have a better understanding of financial environment in which business operates, the institutions that facilitate the operations and the roles and functions of the federal reserve. They will also learn the mechanics and structures of money, bond, mortgage, stock, financial futures, options, interest rate derivatives and foreign exchange markets and the valuation of these financial securities. Sources of short-term and long-term financing are also analyzed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 1821

MGMT 1897 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 3

An independent study course for students desiring to pursue in greater depth a specific set of business problems or functions to which they have been introduced in other business courses. The course involves directed reading and research under guidance of a full-time faculty member.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

MGMT 1898 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 6

Internships in management or Accounting.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Attributes: Undergraduate Internship

MGMT 1910 - MGMT/INFO SYSTEMS INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Internship in management/information systems.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

MGMT 1950 - SENIOR PROJECT FOR MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

An integrative course that utilizes concepts and problem solving skills acquired in the prerequisite courses of study and considers the business firm in its larger environment (cultural, social and ethical) and the various influences that impact the firm's operations and success. Case studies, role playing, group dynamics and guest lecturers will be utilized.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: completion of MGMT core; LVL: Senior

MGMT 1951 - SENIOR PROJECT FOR ACCOUNTING

Minimum Credits: 3

Maximum Credits: 3

Integrative course that uses concepts and problem-solving skills acquired in prerequisite courses. Emphasis will be placed on the various factors that influence the operation and success of the business firm and on the larger cultural, social, and ethical environment in which it exists. Requires the completion of a comprehensive business plan and/or the completion of a project of similar rigor for an existing business.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 0022, 0023, 1818, 1821, 1140, 1836, INFSCI 0010, and one of (MGMT 1819, 1820, 1832)

MGMT 1955 - STRATEGIC MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

This course is the capstone course for seniors in the Management major. Focuses are on corporate strategy formulation, implementation, and control.

The knowledge and techniques learned in earlier courses will be applied in an integrated fashion to the process of strategic decision-making and organizational change in the highly competitive and dynamic global environment. Students will learn and apply the concepts and processes of strategy using a case methodology.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MGMT 0021 or MGMT 0022 or MGMT 0023 or MGMT 1818 or MGMT 1819 or MGMT 1820 or MGMT 1821 or (INFSCI 0010 and MGMT 1821). Complete of a minimum of 90 credits.

MGMT 1970 - UNDERGRADUATE TEACHING ASSISTANT EXPERIENCE

Minimum Credits: 1

Maximum Credits: 3

This course involves student participation as an undergraduate teaching assistant (UTA) for a management or accounting course under the supervision of a faculty member.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Mathematics

MATH 0011 - ALGEBRA RECITATION

Minimum Credits: 1

Maximum Credits: 1

A companion course with MATH 0031 to provide students a structured environment within which to review class content, go over homework problems, and ask for clarification on topics that remain unclear.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CO-REQ: MATH 0031

MATH 0031 - ALGEBRA

Minimum Credits: 3

Maximum Credits: 3

The course covers basic algebra skills. Linear, polynomial, rational, exponential, and logarithmic functions are included. Systems of linear equations are also covered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Enrollment not permitted if currently or previously completed MATH 0045 or MATH 0055

Course Attributes: DSAS Algebra General Ed. Requirement

MATH 0045 - QUANTITATIVE REASONING FOR THE SOCIAL SCIENCES

Minimum Credits: 3

Maximum Credits: 3

This course is intended for non-STEM (Science, Technology, Engineering, and Mathematics) majors, specifically those majoring in the social/behavioral sciences. It may be taken in place of MATH 0031 -Algebra for the quantitative reasoning requirement. The course is designed to increase and strengthen an understanding in quantitative reasoning by introducing students to problem solving using both methods that are traditional in algebraic courses and methods that are not directly related to algebraic formulary. The content is designed to help students develop and appreciate mathematical thinking and to solve, understand, and critique real-world problems arising in social sciences involving mathematics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Enrollment not permitted if currently or previously completed MATH 0031 or MATH 0055

MATH 0050 - MATH OPERATIONS AND FUNCTIONS

Minimum Credits: 3

Maximum Credits: 3

This course covers a wide variety of important areas in mathematics. Patterns, problem solving, logical reasoning, probability, and data analysis are studied so students learn to communicate mathematical ideas effectively. Ways to represent different types of numbers and the operations and relationships between them are explored with computational algorithms, estimation techniques, and some use of calculators. Mathematical concepts, functions, and introductory geometry and trigonometry are explored with manipulatives.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MATH 0052 - MATHEMATICS, GRAPHS, DATA ANALYSIS, AND MEASUREMENT

Minimum Credits: 3

Maximum Credits: 3

This course is a continuation of MATH 0050. Mathematics, operations, and functions. Probability, data analysis, cartesian coordinate geometry, and measurement are studied so students learn to communicate mathematical ideas effectively. Basic statistical concepts, symmetry, introductory plane and solid geometry topics, and trigonometry are explored with manipulatives, geoboards, and calculators.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0050

MATH 0055 - QUANTITATIVE REASONING FOR THE HUMANITIES

Minimum Credits: 3

Maximum Credits: 3

This course is intended for non-STEM (Science, Technology, Engineering, and Mathematics) majors, specifically those majoring in the humanities. It may be taken in place of MATH 0031 - Algebra for the quantitative reasoning requirement. The course is designed to increase and strengthen an understanding in quantitative reasoning by introducing students to problem solving using both methods that are traditional in algebraic courses and methods that are not directly related to algebraic formulary. The content is designed to help students develop and appreciate mathematical thinking and to solve, understand, and critique real-world problems arising in contexts applicable to the arts and languages.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Enrollment not permitted if currently or previously completed MATH 0031 or MATH 0045

MATH 0080 - FUNDAMENTALS OF MODERN MATHEMATICS

Minimum Credits: 3

Maximum Credits: 3

This course is designed primarily for students whose interests lie outside the natural sciences. It emphasizes problem solving approaches common to many mathematical areas. Topics include geometry, measurement, probability, and statistics. The prerequisite can be met by placement.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

MATH 0100 - PREP FOR BUSINESS CALCULUS

Minimum Credits: 3

Maximum Credits: 3

This course will increase and reinforce the student's algebra skills by emphasizing the manipulation of formulas, the graphing of functions and the

extensive use of problem solving. Topics include: an algebra review, functions and their graphs, systems of linear equations and inequalities, linear programming, interests and annuities, probability, data description, limits and continuity.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0031 or MATH 0045 or MATH 0055 with C- or higher, or placement

Course Attributes: DSAS Algebra General Ed. Requirement

MATH 0120 - BUSINESS CALCULUS

Minimum Credits: 4

Maximum Credits: 4

This course introduces the basic concepts of limits, continuity, differentiation, integration, maximization and minimization. Applications to the social sciences, especially business and economics, are stressed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: (MATH 0100 or MATH 0200) with C- or better or placement

Course Attributes: DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement, SCI Quantitative: Mathematics GE. Req.

MATH 0200 - PREP FOR SCIENTIFIC CALCULUS

Minimum Credits: 3

Maximum Credits: 3

A variety of topics are studied: functions, rational functions, logarithmic and exponential functions, graphs, asymptotes, inverse, conic sections, translation and rotation of axes, trigonometric identities and equations, and possibly vectors.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0031 or MATH 0045 or MATH 0055 with C- or better, or placement

Course Attributes: DSAS Algebra General Ed. Requirement

MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1

Minimum Credits: 4

Maximum Credits: 4

This is the first of a sequence of three basic calculus courses. It covers the derivative and integral of functions of one variable and their applications.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0200 with C- or better or placement

Course Attributes: Architectural Studies, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement, SCI Quantitative: Mathematics GE. Req.

MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2

Minimum Credits: 4

Maximum Credits: 4

This is the second of a sequence of three basic calculus courses. It covers the calculus of transcendental functions, techniques of integration, series of numbers and functions, polar coordinates, and conic sections.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0220 with C- or better

Course Attributes: Architectural Studies, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement, SCI Quantitative: Mathematics GE. Req.

MATH 0240 - ANALYTIC GEOMETRY AND CALCULUS 3

Minimum Credits: 4

Maximum Credits: 4

This is the third of a sequence of three basic calculus courses. It covers vectors and surfaces in space and the calculus of functions of several variables including partial derivatives and multiple integrals, stokes theorem, and first order differential equations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0230 with C- or better

Course Attributes: DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement, SCI Quantitative: Mathematics GE. Req.

MATH 0250 - MATRIX THEORY & DIFFT EQUATIONS

Minimum Credits: 4

Maximum Credits: 4

The topics include matrix algebra, vector spaces, linear transformations, linear differential equations with constant coefficients, and systems of first order linear differential equations. Matrix techniques are used extensively in the differential equations part of the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0240 with C- or better

MATH 0280 - INTRO TO MATRICES & LINEAR ALG

Minimum Credits: 3

Maximum Credits: 3

The principal topics which this course will cover include vectors, matrices, determinants, linear transformations, eigenvalues and eigenvectors, and selected applications.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0220

Course Attributes: SCI Quantitative: Mathematics GE. Req.

MATH 0400 - FINITE MATHEMATICS

Minimum Credits: 3

Maximum Credits: 3

The course covers the basic concepts of set theory, logic, combinatorics, Boolean algebra, and graph theory with an orientation towards applications.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0031 or 0045, or 0055 (with C- or better) or Math placement score (47% or greater)

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement, SCI Quantitative: Mathematics GE. Req.

MATH 0413 - INTRO THEORETICAL MATHEMATICS

Minimum Credits: 4

Maximum Credits: 4

This course is an introduction to the theoretical treatment of sets, functions, relations, numbers, sequences, and limits. Classwork and homework concentrate reading and writing of proofs of theorems centered on these topics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ: MATH 0230

Course Attributes: SCI Quantitative: Mathematics GE. Req., Writing Intensive Course (WRIT)

MATH 0420 - INTRO THEORY 1-VARIABLE CALCULUS

Minimum Credits: 3

Maximum Credits: 3

The course provides a careful treatment of the theoretical concepts of limit, continuity, derivative and integral, including the fundamental theorem of calculus.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0230, MATH 0413

Course Attributes: SCI Quantitative: Mathematics GE. Req.

MATH 0430 - INTRO ABSTRACT ALGEBRAIC SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

This course introduces the student to abstract algebraic concepts, rings, integral domains, fields, integers, rational, real and complex numbers, and polynomials. Many examples will be presented during class and in the homework. The students are expected to enhance their proof writing techniques.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0413

Course Attributes: SCI Quantitative: Mathematics GE. Req.

MATH 1001 - MATHEMATICAL COMPUTING

Minimum Credits: 3

Maximum Credits: 3

The main objective of this course is to introduce the various programming methods including procedural, functional, and rule-based programming. Such programming methods will be implemented using standard technical computing software to investigate problems from a wide variety of mathematical areas ranging from number theory to differential equations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0220

MATH 1020 - APPLIED ELEMENTARY NUMBER THEORY

Minimum Credits: 3

Maximum Credits: 3

This course will reveal the key role played by number theory in the development of mathematics. Some applications of number theory will be covered in the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0430

MATH 1070 - NUMERICAL MATHEMATICAL ANALYSIS

Minimum Credits: 3

Maximum Credits: 3

This course, with MATH 1080 forms a two term introduction to numerical analysis at the advanced undergraduate level and includes interpolation, numerical differentiation and integration, solution of non-linear equations, numerical solution of systems or ordinary differential equations, and additional topics as time permits. Emphasis is on understanding the algorithms rather than on detailed coding, although some programming will be required.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0240

MATH 1080 - NUMERICAL MATH: LINEAR ALGEBRA

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to numerical linear algebra which addresses numerical methods for solving linear algebraic systems and matrix Eigen problems and applications to partial differential equations. Although the course will stress a computational viewpoint, analysis of the convergences and stability of the algorithms will be investigated.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MATH 1100 - LINEAR PROGRAMMING

Minimum Credits: 3

Maximum Credits: 3

Topics covered will include linear programming problems, the simplex method, quality, revised simplex method, and the transportation problem.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 1180

MATH 1110 - INDUSTRIAL MATHEMATICS

Minimum Credits: 3

Maximum Credits: 3

This course is concerned with the approximate numerical solution of problems which arise in an industrial environment. Topics covered include physical interpretation of a mathematical model, use of library software, preparation of software, analysis of results, and reporting on findings.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 1070

Course Attributes: Writing Requirement Course

MATH 1180 - LINEAR ALGEBRA 1

Minimum Credits: 3

Maximum Credits: 3

This course stresses the theoretical and rigorous development of linear algebra. Major topics include the theory of vector spaces, linear transformations, matrices, characteristic polynomials, bases and canonical forms. Other topics may be covered as time permits.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0413

MATH 1230 - THE BIG IDEAS OF MATHEMATICS

Minimum Credits: 3

Maximum Credits: 3

The "big ideas" course is intended to provide a capstone type experience for math majors. It will integrate the student's current math knowledge into a coherent whole via the adoption of a historical perspective. It is particularly aimed at math majors with an interest in math education or the history, philosophy and psychology of mathematics. Students opting for the optional internship, MATH 1231, will explore how the historical development of math relates to the math in the secondary school. The capstone experience will culminate with a research project and presentation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0230 and MATH 0413

Course Attributes: Capstone Course, Writing Intensive Course (WRIT)

MATH 1270 - ORDINARY DIFFERENTIAL EQUATIONS 1

Minimum Credits: 3

Maximum Credits: 3

This course covers methods of solving ordinary differential equations which are frequently encountered in applications. General methods will be taught for single n -th order equations, and systems of first order nonlinear equations. This will include phase plane methods and stability analysis. Computer experimentation will be used to illustrate the behavior of solutions of various equations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0240, MATH 1180

MATH 1290 - TOPICS IN GEOMETRY

Minimum Credits: 3

Maximum Credits: 3

A course intended to give a "modern" view of geometry. Possible approaches include (1) the connection of geometries to abstract algebraic systems and (2) the deductive, synthetic development of Euclidean and non-Euclidean geometry.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0413

MATH 1360 - MODELING IN APPLIED MATH 1

Minimum Credits: 3

Maximum Credits: 3

This course introduces some of the fundamental approaches of applied mathematics. The emphasis is on the model-building process and on developing an understanding of some of the unifying themes of applied mathematics such as equilibria, stability, conservation laws, etc. The material is presented in the form of case studies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0250 or MATH 1270

MATH 1410 - INTRODUCTION FOUNDATIONS OF MATHEMATICS

Minimum Credits: 3

Maximum Credits: 3

This course introduces the logical foundations of mathematics; it covers the propositional and predicate calculi, formal number theory, and Gödel's first Incompleteness Theorem. As time permits, we will also cover beginning set theory, and beginning model theory.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MATH 1470 - PARTIAL DIFFERENTIAL EQUATIONS 1

Minimum Credits: 3

Maximum Credits: 3

This is the first term of a two-term sequence in elementary PDE's. The objectives of the course are to provide students with the techniques necessary for the formulation and solution of problems involving PDE's and to prepare for further study in PDE's. The three main types of second order linear PDE's - parabolic, elliptic, and hyperbolic are studied. In addition the tools necessary for the solution of PDE's such as Fourier series and Laplace transforms are introduced.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MATH 1530 - ADVANCED CALCULUS 1

Minimum Credits: 3

Maximum Credits: 3

This course contains a rigorous development of the calculus of functions of a single variable, including compactness on the real line, continuity, differentiability, integration, and the uniform convergence of sequences and series of functions. Other topics may be included, such as the notion of limits and continuity in metric spaces.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0420

MATH 1550 - VECTOR ANALYSIS AND APPLICATIONS

Minimum Credits: 3

Maximum Credits: 3

Topics covered include: vector algebra, vector differentiation and integration, divergence, gradient, curl, the theorems of green, gauss and stokes, and curvilinear coordinate systems. There will be an emphasis upon problem solving and applications in electromagnetic theory and fluid flow.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0240 and MATH 0420

MATH 1560 - COMPLEX VARIABLES & APPLICATIONS

Minimum Credits: 3

Maximum Credits: 3

This course covers the following topics: elementary operations with complex numbers, derivatives, integrals, Cauchy's theorem and consequences such as the integral formula, power series, residue theorem, applications to real integrals and series.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0240 and MATH 0420

MATH 1900 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Under faculty supervision the student participates in a mathematics related experience, project, or job.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Attributes: Undergraduate Internship

MATH 1902 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 3

Under the direction of a faculty member, a student studies a mutually agreed upon topic in mathematics.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

MATH 1951 - SENIOR RESEARCH 1

Minimum Credits: 1

Maximum Credits: 1

This course covers math modeling, literature search, a preliminary proposal of a research topic, data collection, and data analysis.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

MATH 1952 - SENIOR RESEARCH 2

Minimum Credits: 2

Maximum Credits: 2

This is a continuation of research 1 and will include: preparing a research paper, preliminary and final drafts of a research paper, and presenting a research paper.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

MATH 1955 - UNDGR TCHNG UNDGR INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Teaching assistantship opportunities in mathematics.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Military Science & Tact

MILS 0011 - INTRODUCTION TO THE ARMY

Minimum Credits: 1

Maximum Credits: 1

MILS 0011 is offered during the fall term. This freshman course is an introduction to army ROTC. Course instruction includes survival techniques, first aid, wear of the military uniform and organization, role and branches of the U.S. army.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

MILS 0012 - ADAPTIVE LEADERSHIP

Minimum Credits: 1

Maximum Credits: 1

MILS 0012 is offered during the spring term. This freshman course is an introduction to army ROTC. Course instruction includes leadership and

management, drill and ceremonies, land navigation, basic, pistol/rifle marksmanship and organization and role of the U.S. army reserve and national guard units.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

MILS 0021 - LEADERSHIP & DECISION MAKING

Minimum Credits: 1

Maximum Credits: 1

MILS 0021 is offered during the fall term. This sophomore course is an introduction to army ROTC. Course instruction includes the total army concept, army rank and structure, leadership and management, land navigation and drill and ceremonies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

MILS 0022 - ARMY TEAM DEVELOPMENT

Minimum Credits: 1

Maximum Credits: 1

MILS 0022 is offered during the spring term. This sophomore course is an introduction to army ROTC. Course instruction includes group communication, decision making and problem solving techniques, military history, leadership and management and land navigation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

MILS 1031 - TRAINING MANAGEMENT

Minimum Credits: 1

Maximum Credits: 1

MILS 1031 is offered during the fall term. This junior course prepares the army ROTC student for commissioning into the U.S. army as a second lieutenant. Course instruction is coupled with practical exercises in tactical and technical military subjects with particular emphasis on leadership development, problem solving and decision making.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

MILS 1032 - APPLIED LEADERSHIP

Minimum Credits: 1

Maximum Credits: 1

MILS 1032 is offered during the spring term. This junior course prepares the army ROTC student for commissioning into the U.S. army as a second lieutenant. Course instruction is coupled with practical exercises in tactical and technical military subjects with particular emphasis on leadership development, problem solving and decision making.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

MILS 1041 - THE ARMY OFFICER

Minimum Credits: 1

Maximum Credits: 1

MILS 1041 is offered during the fall term. This senior course continues to prepare the army ROTC student for commissioning into the U.S. army as a second lieutenant. Course instruction emphasizes leadership, army operations and procedures.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: Letter Grade

MILS 1042 - COMPANY GRADE LEADERSHIP

Minimum Credits: 1

Maximum Credits: 1

MILS 1042 is offered during the spring term. This senior course continues to prepare the army ROTC student for commissioning into the U.S. army as a second lieutenant. Course instruction emphasizes military justice and professional ethics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Music

MUSIC 0105 - MUSIC PRACTICUM - SPRING MUSICAL

Minimum Credits: 1

Maximum Credits: 3

Students learn how to perform in a musical-theatrical production by developing a system for character development, line memorization, music memorization, rehearsals, and all the other systems. A student needs no musical-theatrical experience in order to try out for a role.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

MUSIC 0106 - MUSIC PRACTICUM

Minimum Credits: 1

Maximum Credits: 3

Music Practicum is a hands-on experience in which students will complete any number of tasks necessary for the semester project. This can include participation in a production of a musical, work on music media development, or community engagement in a music project, etc.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

MUSIC 0110 - MUSIC FUNDAMENTALS

Minimum Credits: 3

Maximum Credits: 3

This course introduces the basic terms and concepts of music in the Western tradition. It trains students to recognize intervals, modes, and harmonic motion. It teaches students to read musical notation and also recognize timbres of different instruments. This course is designed to give students new to music familiarity with its basic sounds and notation, but also permits students with some previous experience to reinforce their reading and aural skills.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Hourly Final

MUSIC 0121 - BASIC MUSICIANSHIP: CLASS PIANO

Minimum Credits: 3

Maximum Credits: 3

This course in basic musicianship provides non-music majors with keyboard skills while introducing them to basics of music theory. Course content includes scales, intervals, chords, and simple analysis. The course prepares students to transpose and sight read. Students will also be expected to take melodic dictation. Electronic pianos are used in class and are available for daily practice.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Attributes: DSAS Creative Work General Ed. Requirement

MUSIC 0201 - 20TH-CENTURY MUSIC

Minimum Credits: 3

Maximum Credits: 3

A survey of musical styles and major composers from the late 19th century to the present. Students will develop an understanding, appreciation, and critical attitude toward music of the present century. Characteristic works of music are discussed and listened to in class.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MUSIC 0206 - CHAMBER SINGERS

Minimum Credits: 0.5

Maximum Credits: 0.5

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

MUSIC 0211 - INTRODUCTION TO WESTERN ART MUSIC

Minimum Credits: 3

Maximum Credits: 3

This class will examine the history, culture, and practice of "classical" music. We will explore the technical workings of music and learn what to listen for in a wide variety of musical styles. We will also discuss the values and meanings of music in different social and political contexts. No prior knowledge of music is necessary and there is no requirement to read music to succeed in the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS The Arts General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Humanistic GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

MUSIC 0222 - HISTORY OF WESTERN MUSIC TO 1750

Minimum Credits: 3

Maximum Credits: 3

A study of selected master works of Western art music in a historical context from Gregorian chant through Johann Sebastian Bach. Emphasis is on musical understanding through critical listening, score study, and lectures.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore or Greater

Course Attributes: Medieval & Renaissance Studies, West European Studies

MUSIC 0224 - HISTORY OF WEST MUSIC SINCE 1750

Minimum Credits: 3

Maximum Credits: 3

This course traces the history of musical style from the late eighteenth century to the present, through a close study of representative works, in the context of leading artistic and intellectual trends.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Global Studies, West European Studies

MUSIC 0311 - INTRODUCTION TO WORLD MUSIC

Minimum Credits: 3

Maximum Credits: 3

This introductory course deals with a great variety of traditional musical genres from selected cultures around the world. It aims to familiarize students with music sound and music structure of different people, to help them appreciate music in its cultural context, and to give them a broad worldview of music both as a human activity with social functions and as an artistic expression. Generous use will be made of audio-visual aids and live performances in the presentation of materials.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: LVL: Sophomore or greater

Course Attributes: Asian Studies, DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Diversity General Ed. Requirement, DSAS The Arts General Ed. Requirement, Global Studies, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req.

MUSIC 0411 - THEORY 1

Minimum Credits: 3

Maximum Credits: 3

This course introduces the principles and practice of diatonic harmony and voice leading, through a study of works by leading composers of the 18th and 19th centuries.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

MUSIC 0415 - THEORY 2

Minimum Credits: 3

Maximum Credits: 3

This course introduces the principles and practice of diatonic harmony and voice leading, through a study of works by leading composers of the 18th and 19th centuries.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREREQ: MUSIC 0411

Course Attributes: DSAS Creative Work General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

MUSIC 0511 - VOICE

Minimum Credits: 1

Maximum Credits: 1

This course provides instruction in vocal techniques and literature. Students receive a one hour private lesson each week. May be repeated for credit. Dietrich School students must complete three credits in performance courses to meet the Creative Work General Education Requirement.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: Letter Grade

Course Attributes: DSAS Creative Work General Ed. Requirement

MUSIC 0512 - PIANO

Minimum Credits: 1

Maximum Credits: 1

This course provides instruction in the techniques and literature of the piano. Students receive a one hour private lesson each week. May be repeated for credit. Dietrich School students must complete three credits in performance courses to meet the Creative Work General Education Requirement.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: Letter Grade

Course Attributes: DSAS Creative Work General Ed. Requirement

MUSIC 0610 - PITT-GREENSBURG CHORALE

Minimum Credits: 0.5

Maximum Credits: 1.5

The study and performance of traditional and contemporary choral works.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

MUSIC 0700 - MUSIC FOR THE STAGE

Minimum Credits: 3

Maximum Credits: 3

An examination of the history and masterworks of music on stage, beginning with the birth of opera and oratorio and continuing into the role of music-theater in the United States. This course will discuss important aesthetic, social, and musical developments that shaped these music's in the last 500 years, while examining the ever-changing balance in the importance of text, music, and spectacle. Reading, writing, listening, and concert attendance required.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MUSIC 0211 or MUSIC 0222 or MUSIC 0100 or MUSIC 0411; LVL: Sophomore and above

MUSIC 0800 - HIST OF AMERICAN POPULAR MUSIC

Minimum Credits: 3

Maximum Credits: 3

This course examines those musical styles that are uniquely American and are the result of this country's incredible ethnic diversity. While some forms of American art music are examined (such as symphonic music and opera), the focus of the course is on more popular genres, including folk, blues, jazz, gospel, musical theater, and rock (up to and including today's popular forms). In addition to examining the technical attributes of each of those styles, the course explores their cultural and musical origins and impact.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MUSIC 0801 - HISTORY OF ROCK AND ROLL

Minimum Credits: 3

Maximum Credits: 3

This course examines the origins of Rock and Roll from its earliest influences, such as work songs and the Blues, and will follow its development as a musical genre. Students will then learn about the different musical genres that are spawned from the development of Rock and Roll. Critical listening of the music is required for this course. Students will also be exposed to general music elements such as rhythm, form, harmony and melody. This course assumes no prior musical knowledge.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Enrollment not permitted if currently or previously completed MUSIC 0800.

MUSIC 0802 - MUSIC FOR SOCIAL CHANGE

Minimum Credits: 3

Maximum Credits: 3

This course will look at the evolution of music as a tool in the quest for change the United States and the world as a whole. Students will be introduced to the important pieces of music that have been created and used to shed light on social and political aspects in our country such as racism, war, poverty, prison reform and the ecology. The course will then examine how music has aided in more global reform efforts and how music has become a very influential tool in shaping these efforts.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: LVL: Sophomore or greater

MUSIC 0845 - SPECIAL TOPICS IN MUSIC

Minimum Credits: 3

Maximum Credits: 3

Topics for this course will be chosen by the instructor for each subsequent time the course is offered. This course will allow students to do in-depth exploration of a given topic.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

MUSIC 0896 - MUSIC AND FILM

Minimum Credits: 3

Maximum Credits: 3

This introductory course, designed for non-majors with no previous background in music or film studies, examines music within the context of film, instructing students how to listen and think critically about the music and its relationship to the moving image and narrative.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: LVL: Sophomore

Course Attributes: DSAS The Arts General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

MUSIC 1270 - MUSIC, CULTURE & TECHNOLOGY

Minimum Credits: 3

Maximum Credits: 3

Students will engage with major social, historical, and cultural issues affecting music technology in the West from the phonograph in the 19th century to the iPhone in the 21st.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: LVL: Sophomore

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, DSAS The Arts General Ed. Requirement, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Humanistic GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., Undergraduate Research

MUSIC 1396 - MUSIC IN SOCIETY

Minimum Credits: 3

Maximum Credits: 3

This course will explore critical perspectives on topics such as non-normative music history, queer modes of expression, subcultural music-making, and the implications of mainstream visibility. Along the way, the course will survey some notable lesbian/gay/bisexual/ transgender/queer composers and musicians in both art music and popular music. Course materials include readings, recordings, and possibly musical events and current media.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS The Arts General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Humanistic GE. Req., Undergraduate Research, Writing Intensive Course (WRIT)

MUSIC 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 3

Independent study is elected by students who are making significant use of university resources in an independent project not related to any regularly offered course. The project is often off campus, but with some guidance from sponsoring faculty member(s).

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

MUSIC 1955 - VISUAL AND PERFORMING ARTS CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: HAA 0010 and 0030 and MUSIC 0222 and 0224 and THEA 0805 and 0806 and HUMAN 1140; LVL: Senior

MUSIC 1970 - UNDERGRADUATE TEACHING ASSISTANT EXPERIENCE

Minimum Credits: 1

Maximum Credits: 3

This course involves student participation as an Undergraduate teaching assistant (UTA) for a music course under the supervision of a faculty member.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Natural Science

NATSC 0040 - BIG IDEAS IN SCIENCE

Minimum Credits: 4

Maximum Credits: 4

The course "big ideas in science" provides an introduction to scientific discovery, scientific methodology and the social implications of science through a discussion of major scientific concepts including the atom, the periodic table, the big bang, plate tectonics and evolution. The course will use inquiry-based methods of instruction and will provide ample opportunities for student discussion, presentation and scientific writing.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NATSC 0050 - NATURAL SCIENCE 1

Minimum Credits: 3

Maximum Credits: 3

This course is intended to acquaint non-science majors with basic concepts that are important to an understanding of various natural physical and biological processes. Scientific principles and methodology are introduced through the integration of information from three key disciplines: biology, chemistry, and physics. The traditional lecture presentation is supplemented and enhanced by current relevant technological instructional aids.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis

NATSC 0051 - UNDERGRADUATE TEACHING ASSISTANT

Minimum Credits: 1
Maximum Credits: 3
Academic Career: Undergraduate
Course Component: Practicum
Grade Component: Letter Grade

NATSC 0070 - PHYSICAL SCIENCE FOR EVERYDAY THINKING

Minimum Credits: 4
Maximum Credits: 4
Inquiry based course intended for the non-science major. Topics include motion, energy, light, circuits, forces, magnetism, electric charge, gravity, the small particle model, pressure, temperature, gases, density, chemical and physical changes, the atom and the periodic table. Additional activities will focus on the process of how students, children and scientists learn science.
Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PLANS: Pre-Education/Early/Secondary Education

NATSC 0075 - EARTH AND SPACE SCIENCE

Minimum Credits: 3
Maximum Credits: 3
This course addresses physics and earth & space science with a focus on the discovery of the basics of astronomy and how newtonian laws of motion, Kepler's laws of planetary motion and Einstein's relativity led to the understanding of the universe today. The concept of light and its importance will be discussed as well as the tools used in modern astronomy such as telescopes, spectrosopes and charged coupled devices. With this framework developed, our current knowledge of the solar system, exaplanets and the possibility of life beyond earth will be addressed.
Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

NATSC 0218 - THE SOLAR SYSTEM

Minimum Credits: 3
Maximum Credits: 3
This course will discuss the solar system starting with humanity's struggle to correctly conceptualize the nature of the planets and the sun to the latest information we have on the Sun, Moon, planets, comets and asteroids. Important space missions that greatly advanced our knowledge (Apollo, Voyager, Cassini, Pathfinder, etc.) as well as future aims will be interwoven into the relevant areas.
Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

NATSC 0250 - NATURAL SCIENCE 2

Minimum Credits: 3
Maximum Credits: 3
This is a second course of a two course sequence for non-science majors. It is intended to involve students with the analysis of various contemporary problems using methods that integrate information from three key disciplines: biology, chemistry, and physics. The specific problems analyzed may vary from term to term. The traditional lecture presentation is supplemented and enhanced by current relevant technological instructional aids.
Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

NATSC 0255 - THE MILKY WAY GALAXY

Minimum Credits: 4

Maximum Credits: 4

This course is intended for non-science majors interested in the study of the milky way galaxy. The class will examine our sun and the solar system, as well as all major astronomical aspects of the galaxy itself and of the celestial bodies within it. Students are required to attend at least one evening outdoor viewing session on campus.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

NATSC 0270 - SCIENCE + PREHISTORY > ARCHAEOLOGY

Minimum Credits: 4

Maximum Credits: 4

Archaeology in theory, method and practice overlaps with the physical sciences, notably biology, chemistry and geology. Using a pedagogical approach, this course explores these many relationships. A history of the interaction between science and archaeology is surveyed. Techniques for introducing archaeology to the science classroom at both early childhood and secondary levels are demonstrated, illustrating how the physical sciences: (a) collaborate with archaeology illuminate the record of human kind's past; (b) help preserve these fragile resources; and (c) share in our society's stewardship responsibility to conserve the past for posterity.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NATSC 0310 - ETHICAL ISSUES IN SCIENCE

Minimum Credits: 3

Maximum Credits: 3

This course examines the ethical implications of developments in science and technology--such as those involving gene cloning and splicing, prolonging life, prenatal testing, radiation and ozone depletion, purported climate change, environmental hazards and safety, and agricultural practices. Attention will be given to frameworks and perspectives for ethical analysis as well as methods for analyzing risk-benefit trade-offs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NATSC 1235 - MEDICAL TERMINOLOGY

Minimum Credits: 1

Maximum Credits: 1

A basic study of the professional language of medicine. It is designed to include word construction, pronunciation, spelling, definition, and use of terms related to all areas of medical science, hospital service, and health related professions. This ONLINE course is designed to give the student a knowledge of words frequently used in the medical field and provides examples through the review of basic anatomy and physiology.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Nursing

NUR 0001 - FIRST YEAR SEMINAR

Minimum Credits: 1

Maximum Credits: 1

This course is designed to provide beginning nursing students with an overview of the nursing profession and an introduction to the school of nursing. The purpose of the course is to facilitate the students' adjustment to the University environment and to acquaint them with the skills and resources available to promote success.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: H/S/U Basis

NUR 0020 - PATHOPHYSIOLOGIC FOUNDATIONS OF NURSING CARE

Minimum Credits: 4

Maximum Credits: 4

This course will examine mechanisms that produce disease and injury, the ways in which the body responds to these mechanisms, and the clinical manifestations produced by the body's response.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: BIOSC 0970 and 0971

NUR 0051 - INTRODUCTION TO PROFESSIONAL NURSING

Minimum Credits: 3

Maximum Credits: 3

This course provides a broad overview and synthesis of the issues and trends most relevant to the practice of professional nursing. Historical, contemporary and potential influences on professional nursing practice are reviewed. An emphasis on the unique and varied roles of nurses in today's interdisciplinary health care environment are examined within the context of individual, family, community, and global health. Characteristics and major changes in health care delivery systems (federal, state, and local) are discussed. Components of professional nursing values and core practice competencies are presented. The concept of an evidence-based approach to clinical practice is introduced. Critical thinking strategies are introduced in the context of the nursing process.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

NUR 0053 - INTRODUCTION TO INCLUSION, EQUITY, AND DIVERSITY IN HEALTH CARE

Minimum Credits: 1

Maximum Credits: 1

The purpose of this course is to increase understanding of how health care relates to the concepts of inclusion, equity and diversity domestically and globally. It will provide an overview of how these concepts influence the health of individuals and populations, and our role in applying them. We will define diversity in its broadest meaning but focus on exploring local communities looking at diversity in culture, race, ethnicity, gender, ability, socioeconomic, sexual orientation, and immigration. During this exploration, community strengths and capacity to promote positive change will be presented. The goals of this course are to increase our value of and advocacy for inclusion, equity and diversity in health care. Learning activities will support skill development to interact productively with a variety of individuals and groups. Key components of this course are direct engagement with diverse individuals, self-reflection, and community-engaged learning.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: H/S/U Basis

NUR 0066 - NUTRITION FOR CLINICAL PRACTICE

Minimum Credits: 3

Maximum Credits: 3

This course focuses on nutrition for clinical practice for nurses. Food for energy and the major nutrients are considered for the promotion of health and for medical nutrition therapy for selected disruptions of health. Emphasis is placed on nutrition assessment and interventions in relation to the goals of the current healthy people document and dietary guidelines for Americans.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

NUR 0067 - NURSING RESEARCH: AN INTRODUCTION TO CRITICAL APPRAISAL AND EVIDENCE-BASED PRACTICE

Minimum Credits: 3

Maximum Credits: 3

This course is designed to provide the opportunity for students to become consumers of research and to provide the basis for evidence-based practice and the provision of culturally-congruent care. Students gain an understanding of research processes to the development of nursing knowledge and the contributions of research to evidence based practice. Students are expected to critically appraise research articles, to identify useful, valid research that can be applied to nursing practice.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

NUR 0080 - FOUNDATIONS OF NURSING PRACTICE 1

Minimum Credits: 3.5

Maximum Credits: 3.5

This course focuses on the concepts of communication, therapeutic intervention, and decision-making as they relate to the nursing process. Techniques of assessment of the physical, psychological, and developmental dimensions of the individual are explored through a variety of learning strategies. Variations of expected findings based on influences such as age, social condition, and culture are discussed. Emphasis is placed on the therapeutic interventions of safety, hygiene and comfort, health assessment and health promotion.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: BIOSC 0970 and BIOSC 0971 and NUR 0051; CREQ: NUR 0020 and 0087

NUR 0081 - FOUNDATIONS OF NURSING PRACTICE 2

Minimum Credits: 2

Maximum Credits: 2

This course builds on the fundamental skills learned in NUR 0080. The focus is on direct practice and correct manipulation of equipment during the performance of psychomotor skills. During laboratory sessions, students will have the opportunity to practice simulated clinical skills. The nursing process and clinical reasoning will serve as the framework for decision-making during skill performance. Through active laboratory participation, the student will demonstrate self-direction as a learner.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 0020 and NUR 0080 and NUR 0087 CO-REQ: NUR 0082

NUR 0082 - NURSING MANAGEMENT OF ADULT WITH ACUTE/CHRONIC HEALTH PROBLEMS

Minimum Credits: 3

Maximum Credits: 3

This course focuses on the nursing care of adults, including older adults, with acute and/or chronic illnesses. Students will be guided in critical thinking exercises and the use of therapeutic interventions and research findings in the management of adults. Nursing process, critical thinking, and decision-making serve as the framework for acquisition of knowledge for the management of patients. Societal and cultural influences will be emphasized.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 0020 and 0080 and 0087; CREQ: NUR 0081

NUR 0086 - NURSING INFORMATICS

Minimum Credits: 2

Maximum Credits: 2

This course focuses on concepts relevant to the practice of nursing informatics. The course emphasizes information technology applications and the principles of nursing informatics from a current and historical perspective. Learners will examine the analysis of healthcare data and its transformation to nursing knowledge. Nursing language concepts and their importance in clinical information system development will be identified. Learners will examine information technologies that manage clinical information and support patient care. Social and ethical issues in the context of clinical information systems will be examined. The impact of evolving/emerging information technologies on healthcare provider and consumer roles will be discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

NUR 0087 - PHARMACOLOGY AND THERAPEUTICS ACROSS THE LIFESPAN

Minimum Credits: 3

Maximum Credits: 3

This course provides an introduction to pharmacology that integrates the concepts of physiology, pathophysiology, chemistry, and nursing fundamentals to build a foundation for administering drug therapy to patients. Using a simple to complex approach, key content areas are presented to help conceptualize the important components related to pharmacology. The basic concepts of pharmacology, such as drug testing and approval, pharmacokinetics and pharmacodynamics, pharmacotherapeutics and toxic effects, dosage calculations, and challenges related to drug therapy, provide the foundation from which drug therapy associated with specific body systems can be addressed. Discussion of the major drug groups focuses on therapeutic actions and indications, mechanism of action, pharmacokinetics, contraindications and precautions, adverse effects, clinically important drug-drug interactions and nursing implications which emphasize the nursing process and focus on patient care and education. Prototypes of the major drug groups are emphasized. Lifespan considerations, evidence for best practice, patient safety, and critical thinking are integrated throughout the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: CHEM 0910 and BIOSC 0970 and BIOSC 0971

NUR 0088 - INTRODUCTION TO BASIC STATISTICS FOR EVIDENCE-BASED PRACTICE

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to descriptive statistics and parametric and nonparametric statistical tests that are commonly used by researchers in the health sciences and appear in published research reports. Emphasis is placed on student mastery of concepts and principles that are fundamental to descriptive and inferential statistics, as well as interpretation and critical appraisal of their use in research studies. Opportunities are provided to manipulate data, perform basic statistical tests, and summarize findings in tabular, graphical, and narrative form.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: Enrollment not permitted if currently or previously completed STAT 0200 or STAT 1000 or STAT 1100

NUR 0090 - FOUNDATIONS OF NURSING PRACTICE 1 CLINICAL

Minimum Credits: 1

Maximum Credits: 1

This course is designed to provide clinical experiences related to the theory provided in Foundations of Nursing Practice 1. Techniques used in the assessment of the physical, psychological and development dimensions of the individual within an acute care setting are demonstrated. Variations of findings based on influences such as age and culture are identified. Emphasis is placed on the therapeutic interventions of safety, hygiene and comfort, health assessment and health promotion.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

Course Requirements: CREQ: NUR 0080

NUR 0092 - NURSING MANAGEMENT OF ADULT WITH ACUTE/CHRONIC HEALTH PROBLEMS CLINICAL

Minimum Credits: 3.5

Maximum Credits: 3.5

This course focuses on the nursing care of adults, including older adults, with acute and/or chronic illnesses. Students will be guided in critical thinking exercises and the use of therapeutic interventions and research findings in the management of adults with acute and/or chronic illnesses. During clinic, students will have the opportunity to practice clinical skills learned in the lab. Nursing process, critical thinking, and decision-making serve as the framework for acquisition of clinical psychomotor skills. Common concepts of care will be emphasized, including societal and cultural influences.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

Course Requirements: CREQ: NUR 0082

NUR 1020 - ADVANCED NURSING MANAGEMENT OF THE ADULT WITH ACUTE/COMPLEX HEALTH PROBLEMS CLINICAL

Minimum Credits: 2

Maximum Credits: 2

This clinical course focuses on the nursing care of adults with acute and complex illnesses in a hospital setting. Emphasis is placed on using the nursing process to assist students with the development of priority nursing goals and in applying critical thinking skills to patient care. The clinical nursing responsibilities include interpretation of diagnostic studies, medical/surgical patient management, evaluation of outcomes, health promotion, and support for individuals and families experiencing acute and complex health problems. This course includes application of cultural diversity awareness training to the nursing process. Clinical learning is focused on developing and refining the knowledge and skills to manage patient care as part of inter-professional teams. Clinical experiences are offered in acute care, critical care, and monitored units.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

Course Requirements: CREQ: NUR 1120

NUR 1042 - NURSING CARE OF CHILDREN AND THEIR FAMILIES CLINICAL

Minimum Credits: 2

Maximum Credits: 2

This course focuses on nursing practice for restoration and maintenance of health in children in various stages of development within their families and the broader social contexts in which children grow and develop. Nursing approaches used in the clinical setting are based on the use of best evidence, developmental perspectives, and cultural competence. The nursing process is applied to the child and family to minimize the effects of stressors which have resulted in a disruption of health. There is an emphasis on critical thinking and decision making as the student applies theory to nursing care.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

Course Requirements: CREQ: NUR 1052

NUR 1050 - NURSING CARE OF MOTHERS, NEWBORNS AND FAMILIES

Minimum Credits: 2.5

Maximum Credits: 2.5

This course provides an introduction to the process of childbirth and the dynamics of the childbearing family. It explores the areas of health promotion, physiologic changes associated with pregnancy, high risk conditions associated with pregnancy and the development of the fetus and newborn. Emphasis is on adaptation to the biopsychosocial needs of the childbearing family with sensitivity to the cultural needs and ethical issues of a diverse population. Critical thinking, problem solving, stress adaptation, role, family and nursing theories provide a major focus for understanding childbearing.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 0066 and 0082 and 0087

NUR 1050C - NURSING CARE OF MOTHERS, NEWBORNS AND FAMILIES CLINICAL

Minimum Credits: 2.5

Maximum Credits: 2.5

This course provides an introduction to the process of childbirth and the dynamics of the childbearing family. It explores the areas of health promotion, physiologic changes associated with pregnancy, high risk conditions associated with pregnancy and the development of the fetus and newborn. Emphasis is on adaptation to the biopsychosocial needs of the childbearing family with sensitivity to the cultural needs and ethical issues of a diverse population. Critical thinking, problem solving, stress adaptation, role, family and nursing theories provide a major focus for understanding childbearing. Clinical experiences reflect a diversity of settings including outpatient, inpatient, and community programs that provide services to the childbearing family.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

NUR 1052 - NURSING CARE OF CHILDREN AND THEIR FAMILIES

Minimum Credits: 2.5

Maximum Credits: 2.5

This course focuses on the unique health and developmental needs of infants, children and adolescents with an emphasis on family-centered care. The course incorporates principles of assessment, planning and implementation of nursing interventions appropriate for health promotion, wellness, health restoration and various complex health problems. Nursing approaches are based on the use of best evidence, developmental perspectives, and cultural competence with a focus on critical thinking.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 0066 and 0082 and 0087

NUR 1054 - NURSING CARE OF OLDER ADULTS

Minimum Credits: 2

Maximum Credits: 2

This course is designed to ensure competency in providing evidence-based nursing care to older adults and their families, across a continuum of health care settings. Attention is given to the complex interaction of acute and chronic co-morbid conditions, interdisciplinary collaboration, the recognition of risk factors, valid and reliable health assessment, and individualized and evidence-based care for older adults across a continuum of health care settings. The influence of attitudes, age, gender, race, culture, religion, language, lifestyle, technology, and health care policy on the biological, psychological, and social functioning of older adults is considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 0082

NUR 1057 - NURSING CARE OF MOTHERS, NEWBORNS AND FAMILIES CLINICAL

Minimum Credits: 2

Maximum Credits: 2

This course provides an introduction to the process of childbirth and the dynamics of the childbearing family. It explores the areas of health promotion, physiologic changes associated with pregnancy, high risk conditions associated with pregnancy and the development of the fetus and newborn. Emphasis is on adaptation to the biopsychosocial needs of the childbearing family with sensitivity to the cultural needs and ethical issues of a diverse population. Critical thinking, problem solving, stress adaptation, role, family and nursing theories provide a major focus for understanding childbearing. Clinical experiences reflect a diversity of settings including outpatient, inpatient, and community programs that provide services to the childbearing family.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

Course Requirements: PREQ: NUR 0082

NUR 1060 - NURSING CARE OF CLIENTS WITH PSYCHIATRIC MENTAL HEALTH PROBLEMS

Minimum Credits: 2.5

Maximum Credits: 2.5

This course is designed to teach basic psychiatric mental health nursing concepts and their application to clinical practice. Classroom learning is focused on developmental, psychological, and biological theories in order to enhance understanding of psychiatric illness. Major psychiatric illnesses throughout the lifespan as well as contemporary methods of treatment are addressed. Emphasis is placed on understanding the unique contributions of social and cultural factors to mental health.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 0066 and 0082 and 0087; CREQ: NUR 1120

NUR 1061 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 3

An independent study is a student-initiated experience planned to permit students to pursue an area of interest in nursing with guidance of a faculty preceptor.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SU3 Elective Basis

NUR 1066 - NURSING CARE OF CLIENTS WITH PSYCHIATRIC MENTAL HEALTH PROBLEMS CLINICAL

Minimum Credits: 2

Maximum Credits: 2

This course focuses on nursing practice of health promotion and restoration in individuals with mental health problems. Application of theoretical concepts and nursing interventions is the focus of the clinical experience in acute, chronic, and community mental health settings. Emphasis is placed on understanding the unique contributions of social and cultural factors in the development of treatment plans for clients experiencing psychiatric problems.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

Course Requirements: CREQ: NUR 1060

NUR 1085 - ETHICS IN NURSING AND HEALTH CARE

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to the domain of clinical ethics as a foundation for developing ethical expertise in nursing practice. The course focuses on contemporary nursing and health care issues that raise personal and professional ethical concerns. Emphasis is placed on cultural differences, current legislation, political and religious controversy, economic constraints, and professional commitment related to the resolution of the identified ethical dilemmas. The process of ethical analysis and reasoning is used to resolve representative patient and health care situations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 0082

NUR 1100 - SPECIAL TOPICS

Minimum Credits: 1

Maximum Credits: 3

Study of a special topic in nursing.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

NUR 1120 - ADVANCED NURSING MANAGEMENT ADULT ACUTE/COMPLEX HEALTH PROBLEMS

Minimum Credits: 2.5

Maximum Credits: 2.5

This course focuses on the patient centered nursing care of adults experiencing acute and complex illnesses. Emphasis is placed on the prioritization and decision making processes of nursing care and the nursing responsibilities associated with translating, integrating and applying medical/surgical management, evaluation of outcomes, health promotion, and support for individuals and families experiencing acute and complex health problems. This course will also discuss the increasing diversity of this nation's population as expressed through age, racial, ethnic, gender, cultural, spiritual and sexual orientation. Discussions will occur with the effect of socio-economic differences and how it may affect the patient's overall health care. Discussion of interdisciplinary collaboration healthcare professional is emphasized.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 0066 and 0067 and 0082 and 0087

NUR 1120C - ADVANCED NURSING MANAGEMENT OF THE ADULT WITH ACUTE/COMPLEX HEALTH PROBLEMS CLINICAL

Minimum Credits: 2.5

Maximum Credits: 2.5

This clinical course focuses on the nursing care of adults with acute and complex illnesses in a hospital setting. Emphasis is placed on using the nursing process to assist students with the development of priority nursing goals and in applying critical thinking skills to patient care. The clinical nursing responsibilities include interpretation of diagnostic studies, medical/surgical patient management, evaluation of outcomes, health promotion, and support for individuals and families experiencing acute and complex health problems. This course includes application of cultural diversity awareness training to the nursing process. Clinical learning is focused on developing and refining the knowledge and skills to manage patient care as part of inter-professional teams. Clinical experiences are offered in acute care, critical care, and monitored units.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

NUR 1121 - ADVANCED CLINICAL PROBLEM SOLVING

Minimum Credits: 3

Maximum Credits: 3

This course focuses on the nursing management of the adult who experiences an acute or complex illness with an alteration in multiple body systems. The students' ability to apply the nursing process, using critical thinking skills, is expanded through classroom and case study activities. Professional competence is enhanced through the utilization of high fidelity human simulation technology.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: NUR 1025 and 1054 and 1060

NUR 1121C - ADVANCED CLINICAL PROBLEM SOLVING CLINICAL

Minimum Credits: 2

Maximum Credits: 2

This course focuses on the nursing management of the adult who experiences an acute or complex illness with an alteration in multiple body systems. The students' ability to apply the nursing process, using critical thinking skills, is expanded through clinical activities. Collaboration with interdisciplinary health professionals in health promotion and restoration is fostered

Academic Career: Undergraduate
Course Component: Clinical
Grade Component: H/S/U Basis
Course Requirements: CREQ: NUR 1121

NUR 1128 - COMMUNITY HEALTH NURSING

Minimum Credits: 2.5

Maximum Credits: 2.5

The overall objective of this course is to provide the student with a broad introduction to community health and the role of nursing within this context. Students will explore epidemiology; health promotion and disease prevention within groups; individual and family case management; community assessment and intervention; environmental hazards; and factors influencing the delivery of and access to community health services. The health care needs of selected at-risk populations will be examined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: (NUR 1120 or 1220) and (NUR 1050 or 1250) and (NUR 1060 or 1260) and (NUR 1052 or 1252)

NUR 1134 - TRANSITION INTO PROFESSIONAL NURSING PRACTICE

Minimum Credits: 2

Maximum Credits: 2

Students synthesize knowledge about the professional nursing roles and increase their understanding of their responsibility and accountability for the nursing care of individuals, families and aggregates. Theory related to professional nursing roles, patient care management, and leadership is presented. In addition, health care policy related to specific nursing issues is examined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: (NUR 1120 or 1220) and (NUR 1050 or 1250) and (NUR 1060 or 1260) and (NUR 1052 or 1252)

NUR 1134C - TRANSITION INTO PROFESSIONAL NURSING PRACTICE CLINICAL

Minimum Credits: 6

Maximum Credits: 6

This course is designed to facilitate the transition into professional practice through preceptorship with registered nurses in a variety of settings. Students synthesize knowledge about the professional nursing roles and increase their responsibility and accountability for the nursing care of individuals, families and aggregates. Theory related to professional nursing roles, patient care management, and leadership is presented. In addition, health care policy related to specific nursing issues is examined.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

NUR 1135 - TRANSITION INTO PROFESSIONAL NURSING PRACTICE CLINICAL

Minimum Credits: 4.5

Maximum Credits: 4.5

This course is designed to facilitate the transition into professional practice through preceptorship with registered nurses in a variety of settings. Students synthesize knowledge about the professional nursing roles and increase their responsibility and accountability for the nursing care of individuals, families and aggregates. Theory related to professional nursing roles, patient care management, and leadership is presented. In addition, health care policy related to specific nursing issues is examined.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

Course Requirements: CREQ: NUR 1134

NUR 1138 - COMMUNITY HEALTH NURSING CLINICAL

Minimum Credits: 2

Maximum Credits: 2

The overall objective of this course is to provide the student with a broad introduction to community health and the role of nursing within this context. Students will experience independence and collaboration with community-based clinicians in a variety of settings. Students will have opportunities to apply epidemiology; health promotion and disease prevention within groups; individual and family case management; community assessment and intervention; environmental hazards; and factors influencing the delivery of and access to community health services at the individual, family, and aggregate levels.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: H/S/U Basis

Course Requirements: CREQ: NUR 1128

NUR 1212 - INTRODUCTION TO HEALTHCARE FINANCE AND POLICY

Minimum Credits: 0.5

Maximum Credits: 0.5

The aim of this course is to provide students with an overview of the healthcare financing system in the United States as well as key issues in healthcare policy. The course will focus on providing students with a basic introduction to: 1.) the health insurance system in the United States, 2) theoretical, conceptual, and philosophical basis of healthcare policy making, 3) the role of public policy in the finance and provision of healthcare in the United States, and 4) the process through which multiple branches of government create and implement policy. We will reference literature from economics, political science, nursing, and health services research throughout the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

NUR 1494 - UNDERGRADUATE FACULTY ASSISTANT

Minimum Credits: 1

Maximum Credits: 3

The undergraduate faculty assistant (UFA) serves as an assistant for a course or lab under the supervision of a faculty member. The experience develops students' communication and leadership skills, and their understanding of the learning process. The responsibilities of the UFA will vary by the faculty supervisor. Responsibilities might include (but not limited to): assisting students outside of class (e.g., conducting weekly review sessions), assisting with classroom demonstrations, or assisting faculty with delivery of labs.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Attributes: Undergraduate Internship

NUR 1680 - INTRODUCTION TO GENETICS AND MOLECULAR THERAPEUTICS

Minimum Credits: 3

Maximum Credits: 3

This is an introductory course that focuses on the fundamentals of genetics. The course is designed to give the student a basic understanding of genetic concepts so that this knowledge can be utilized to understand current and future genetic theories and therapeutics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

NUR 1710 - APPLIED ADULT CARDIOPULMONARY CRITICAL CARE

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to provide students with the opportunity to synthesize and apply concepts related to the cardiopulmonary assessment and multidisciplinary management of critically ill adults. Through the use of presentations and laboratory sessions, the student will explore the pathophysiologic basis of critical cardiopulmonary instability, physical and technologic assessment parameters, and treatment modalities commonly utilized in the care of these patients in the intensive care unit. Interactive laboratory demonstration of vasoactive drugs, arterial, central venous and

pulmonary artery monitoring, artificial airways, mechanical ventilation and rhythm strip interpretation will be provided. Critical clinical decision making and nursing responsibilities specific to dysrhythmia interpretation are addressed, including institution of appropriate immediate nursing intervention, pharmacological, and electrical therapeutic interventions based on advanced cardiac life support (ACLS) algorithms. Further, students will have the opportunity to synthesize and apply this information within patient care scenarios of respiratory and cardiac instability.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

NUR 1990 - SENIOR SEMINAR

Minimum Credits: 1

Maximum Credits: 1

The goal of this course is to support the senior student's successful progression to entry-level professional nursing practice. Classroom activities and self-directed learning will prepare students to attain the benchmarks associated with professional licensure and provide a foundation for the continuous self-evaluation and life-long learning required to support professional nursing practice (AACN, 2008).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: H/S/U Basis

Course Requirements: PREQ: NUR 1121 or 1134

Philosophy

PHIL 0026 - EASTERN THOUGHT

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to various schools of Eastern thought such as Hinduism (including Yoga), Buddhism (with an eye to its Indian, Chinese, and Japanese forms), Confucianism, and Daoism. Readings will include both primary texts in translation and Western applications.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 0080 - INTRODUCTION TO PHILOSOPHICAL PROBLEMS

Minimum Credits: 3

Maximum Credits: 3

An introduction to some classical problems of philosophy. Topics vary, but might include skepticism, free will, the existence of god, and the justification of ethical beliefs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, SCI Polymathic Contexts: Ethical/Policy GE. Req., West European Studies

PHIL 0200 - HISTORY OF ANCIENT PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

The aim of this course is to introduce students to some of the main achievements and leading ideas of ancient Greek philosophy up to classical times. Emphasis will be on understanding and evaluating the arguments and ideas of the Greek philosophical tradition.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Ethical/Policy GE. Req., West European Studies

PHIL 0210 - HISTORY OF MODERN PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

An introduction to the philosophical period from Descartes through Kant. Special attention is given to at least one rationalist, one empiricist, and Kant.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Ethical/Policy GE. Req., West European Studies

PHIL 0220 - INTRODUCTION TO EXISTENTIALISM

Minimum Credits: 3

Maximum Credits: 3

This introductory level course explores the central existentialist question of how to be a genuine individual or self through reading of several major authors, such as pascal, Kierkegaard, Dostoievski, Nietzsche, and Sartre.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Ethical/Policy GE. Req., West European Studies

PHIL 0270 - EAST-WEST PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

This introductory level undergraduate course examines selected traditions in Eastern Philosophy, and compares them with Western traditions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 0300 - INTRODUCTION TO ETHICS

Minimum Credits: 3

Maximum Credits: 3

This is an introductory course considering the question of one fundamental moral principle - right and wrong. The results are applied to moral problems of serious interest today.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, SCI Polymathic Contexts: Ethical/Policy GE. Req., West European Studies

PHIL 0310 - ETHICS, SCIENCE AND TECHNOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course examines the ethical implications of developments in science and technology--such as those involving gene cloning and splicing, prolonging life, prenatal testing, radiation and ozone depletion, purported climate change, environmental hazards and safety, and agricultural practices. Attention will be given to frameworks and perspectives for ethical analysis as well as methods for analyzing risk-benefit trade-offs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 0320 - SOCIAL PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

An introduction to some traditional philosophical perspectives on the nature of society. Philosophers studied might include Plato, Hobbes, Marx, and Twentieth-Century social theorists.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Ethical/Policy GE. Req., West European Studies

PHIL 0365 - MORAL PHILOSOPHY AND THE LAW

Minimum Credits: 3

Maximum Credits: 3

An exploration of moral perspectives on the law via an examination of such questions as the following: does law have a moral basis or justification? Is there a moral duty to obey the law? Are there objective standards of conduct that are morally binding on everyone? Is it morally proper to use the law in an attempt to coerce moral behavior?

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 0470 - PHILOSOPHY OF RELIGION

Minimum Credits: 3

Maximum Credits: 3

A critical examination of the rationality of faith in the existence of god. Traditional arguments both for and against the existence of god are considered, along with pragmatic justifications of faith based upon its beneficial consequences.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Ethical/Policy GE. Req.

PHIL 0500 - INTRODUCTION TO LOGIC

Minimum Credits: 3

Maximum Credits: 3

An introduction to the concepts and methods of modern deductive logic. Propositional logic is emphasized, but quantificational logic is touched upon.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement

PHIL 0600 - PHILOSOPHY OF FRIENDSHIP, LOVE AND SEX

Minimum Credits: 3

Maximum Credits: 3

Encourages students to develop philosophically rich and informed reflection on relationships and sex. Readings will include both classic texts and contemporary writings, inspiring discussion about the nature of friendship and love as well as more specific (and more controversial) topics like marriage, polyamory, prostitution, pornography, online dating, sexting, and hooking up.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 0790 - PHILOSOPHY OF ART

Minimum Credits: 3

Maximum Credits: 3

This course examines basic questions of aesthetics as they have been developed in the philosophical tradition. Questions include: what is art, beauty, and taste? How do we determine whether something is a work of art? How do we judge it? How much does the institutionalized world of art affect all of these issues? What is the value of art for society?

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 1020 - PLATO

Minimum Credits: 3

Maximum Credits: 3

This is an advanced undergraduate course examining Plato's main views both in their historical context, and as they influence our own thinking today; the relations between Socrates and the sophists are also studied.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: West European Studies

PHIL 1080 - MEDIEVAL PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

This advanced undergraduate course examines selected major figures in European philosophy during the middle ages.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 1120 - PHILOSOPHY OF FILM AND FILM THEORY

Minimum Credits: 3

Maximum Credits: 3

This course will investigate the aesthetic and social philosophical aspects of film. Topics include film as art, film language, film narrative, spectator, auteur, realism, feminism, and culture critique.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Any PHIL course or permission of instructor

PHIL 1195 - NIETZSCHE

Minimum Credits: 3

Maximum Credits: 3

This course is a study of "The Genealogy of Morality." It focuses in particular on Nietzsche's radical criticism of morality, and his proposal for a revaluation of all values.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: 3 credits in PHIL or instructor permission

Course Attributes: West European Studies

PHIL 1245 - AMERICAN PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

This course will survey major themes in American philosophy, with a concentration on pragmatism. It will begin with a study of early thinkers like Thoreau and Emerson, though the majority of course will be dedicated to the pragmatists Pierce, James and Dewey. The course will conclude with a look at one or more contemporary pragmatists, like Rorty.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 1304 - POLITICS AND PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

Political philosophy is a branch of philosophy devoted to assessing the authority, legitimacy, and justification of various kinds of political arrangements. Key concepts will be investigated in this course, including justice, rights, laws, and personal/public property. We will focus on the work of such thinkers as Plato, Machiavelli, Rawls, and Nozick.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: UPB Cultures General Ed. Requirement

PHIL 1340 - FEMINIST PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

A comparison of biological, psychological, and economic theories of the nature and causes of the oppression of women. Authors studied might include de Beauvoir, Freud, Marx, Veblen, and Emma Goldman.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Any PHIL course or permission of instructor

Course Attributes: Gender, Sexuality & Women's St, Global Studies

PHIL 1380 - BUSINESS ETHICS

Minimum Credits: 3

Maximum Credits: 3

This advanced undergraduate course considers a selection of ethical issues that arise in connection with business needs and practices, such as employer-employee relations, truth in advertising, responsibilities to consumers, fair and unfair competitive practices, environmental effects, contractual obligations, liability for damages, and governmental regulation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 1460 - THEORY OF KNOWLEDGE

Minimum Credits: 3

Maximum Credits: 3

This is an advanced undergraduate course in recent and contemporary epistemology. Topics vary somewhat, but generally include many of the following: skepticism, sense data and the myth of the given, induction and confirmation, definition of "knowing-that-p", holism and coherence, the status of common sense, and so on.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Any PHIL course or permission of instructor

PHIL 1640 - PHILOSOPHY OF PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This advanced undergraduate course covers such topics as mind-body reductionism, behaviorism, functionalism, cognitivism, and the relation of artificial intelligence research to psychological theory.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Any PHIL course or any PSY course

PHIL 1682 - FREEDOM AND DETERMINISM

Minimum Credits: 3

Maximum Credits: 3

This course analyzes three concepts of determinism--the logical determinism, logical determinism or fatalism, and physical determinism--and examines the various philosophical arguments designed either to show that determinism and free will do clash or alternatively that they are reconcilable.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, SCI Polymathic Contexts: Ethical/Policy GE. Req.

PHIL 1750 - SPECIAL TOPICS

Minimum Credits: 1

Maximum Credits: 3

The study of special topics in the discipline of philosophy.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

PHIL 1890 - ISSUES IN PHILOSOPHY (VARIOUS)

Minimum Credits: 3

Maximum Credits: 3

This intensive, advanced-level seminar is reserved for special philosophical topics that do not fit standard course-catalog categories. Issues discussed vary from year to year, but tend to be narrowly focused and specialized.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: (1 PHIL course or ENGCOMP 0020); LVL: Junior

PHIL 1901 - INDEPENDENT STUDY--UNDERGRADUATE

Minimum Credits: 1

Maximum Credits: 9

This course is a way of offering university credit in philosophy for relevant experiences or work undertaken independently, with little or no formal interaction with an instructor.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

PHIL 1969 - SPECIAL TOPICS - STUDY ABROAD

Minimum Credits: 1

Maximum Credits: 1

The study of special topics related to a study abroad experience.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Co-Ed Physical Education

PEDC 0108 - PHYSICAL CONDITIONING AND WEIGHT TRAINING 1

Minimum Credits: 1

Maximum Credits: 1

Weight training, aerobic, and flexibility techniques.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

PEDC 0179 - SELF DEFENSE

Minimum Credits: 1

Maximum Credits: 1

The physical skills and environmental awareness required for realistic self-defense are taught. Suggested methods for dealing with common types of assaults including escapes from positions on the ground are practiced. Emphasis is on simple motor skills not requiring extensive practice for learning and/or retention. Strategies for recognizing and avoiding trouble and the legal aspects of self-defense are also covered.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

PEDC 0261 - INTRODUCTION TO WELLNESS

Minimum Credits: 1

Maximum Credits: 1

This course will provide you with a personalized set of strategies and skills that promote wellness and resilience. By the end of this course, you will have knowledge and skills that you can apply to your life now and in the future. This course will use lectures, readings, videos, discussion forums, practice exercises, and coaching to assist and encourage you in meeting the course objectives while developing your more resilient and well self.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PEDC 0262 - YOGA 1

Minimum Credits: 1

Maximum Credits: 1

An elementary course on the practice and theory of the basic principles of yoga. This class will provide students with a plan to focus on their particular bodies' strengths and weaknesses plus increase flexibility.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: Letter Grade

PEDC 0310 - HEALTH SCIENCE

Minimum Credits: 3

Maximum Credits: 3

This course explores major physical and mental health issues including the physiological process underlying these health concerns and risk reduction

strategies. Topics include discussion of numerous infectious vs non-infectious diseases, physiology of stress, science of nutrition and weight control, and the physiological effects of alcohol, drugs, and tobacco.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Physics

PHYS 0110 - INTRODUCTION TO PHYSICS 1

Minimum Credits: 3

Maximum Credits: 3

This is the first term of a two-term, algebra-based sequence in introductory physics. This term deals with mechanics, heat and thermodynamics, and waves.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Any MATH greater than or equal to MATH 0031 (Min Grade 'C') or MATH PLACEMENT SCORE (61 or greater)

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

PHYS 0111 - INTRODUCTION TO PHYSICS 2

Minimum Credits: 3

Maximum Credits: 3

This is the second term of a two-term, algebra-based sequence in introductory physics. This term deals with electricity and magnetism, optics, and modern physics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PHYS 0110

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

PHYS 0174 - BASIC PHYSICS, SCIENCE AND ENGINEERING 1 (INTEGRATED)

Minimum Credits: 4

Maximum Credits: 4

The integrated curriculum version of PHYS 0104, the first part of a two-term sequence (0174-0175) introduces students to the basic principles of mechanics. An effort has been made to achieve a better integration of physics with the first term of calculus, engineering, and chemistry. The theory of waves and the kinetic theory of gases will be discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: MATH 0220

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

PHYS 0175 - BASIC PHYSICS, SCIENCE AND ENGINEERING 2 (INTEGRATED)

Minimum Credits: 4

Maximum Credits: 4

The integrated curriculum version of PHYS 0105, the second part of a two-term sequence (0174-0175), introduces students to the basic principles of physics. An effort has been made to achieve a better integration of physics with the first term of calculus, engineering, and chemistry. Modern physics (special relativity, elementary quantum mechanics, and atomic structure) will be discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PHYS 0174; CREQ: MATH 0230

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

PHYS 0212 - INTRODUCTION TO LABORATORY PHYSICS

Minimum Credits: 2

Maximum Credits: 2

This is an introductory physics laboratory associated with the physics 0110-0111 sequence.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PHYS 0110 or PHYS 0174

PHYS 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 9

This course gives students the opportunity to design and carry out an individual project not covered by any course offerings.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

Political Science

PS 0200 - AMERICAN POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course is, quite generally, designed to provide students with a basic working knowledge of the basic goals of the constitutional framers, giving students an understanding of the purposes of the American political system; the essential structures (or institutions) within the American political system, the behavior (broadly defined) of the actors within the American political system, the purpose and performance of the linkage institutions in the United States (possibly including political parties, elections, and interest groups); and the types of policies that are often produced by a system with the characteristics of those found in the United States. Depending on the interests, area of expertise, and inclinations of the particular instructor, some of these may be emphasized more heavily than others.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

PS 0300 - COMPARATIVE POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course provides students with basic information about a range of political systems outside the United States and teaches them to use that information to examine major theories about politics. The course is also designed to help students understand the government and the politics of the United States in comparative perspective and to develop some understanding of comparative methodology and the logic of comparison as a social science method. Depending on the interests, area of expertise, and inclinations of the particular instructor, some regions and topics might be emphasized more heavily than others.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Global Issues General Ed. Requirement, DSAS Social Science General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

PS 0335 - SOCIOLOGY OF POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course examines the relationship between political institutions and the institutions of the economy, family, education, religion, and stratification. With a major focus on American society and the conditions underlying stable democracy, these relationships are studied in historical and cross-societal comparative perspective as well as in terms of a society's location in the system of international relations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 0500 - INTERNATIONAL RELATIONS

Minimum Credits: 3

Maximum Credits: 3

This course aims to increase students' knowledge of the history of the modern state system and, in particular, political developments during the past few decades. It introduces students to basic concepts and analytic frameworks that political scientists employ to understand world politics, enhancing students' knowledge of international institutions that play important roles in world politics and exploring current issues in world affairs relating to human welfare and security. Depending on the interests, area of expertise, and inclinations of the particular instructor, some of these may be emphasized more heavily than others.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Global Issues General Ed. Requirement, DSAS Social Science General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

PS 0600 - POLITICAL THEORY

Minimum Credits: 3

Maximum Credits: 3

This course is designed to introduce students to the idea of normative political theory and to important authors and concepts in the western political theory tradition. Students will learn to understand both historical and contemporary debates surrounding important political concepts such as authority, justice, liberty, and democracy, and to appreciate the differences among normative, empirical, logical, and faith-based political claims. Students will learn to read critically and analytically, to make simple normative arguments, and to explain the specific role of normative arguments in political science and political life. Depending on the interests, area of expertise, and inclinations of the particular instructor, some of these may be emphasized more heavily than others.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Ethical/Policy GE. Req., West European Studies

PS 0802 - MUSIC FOR POLITICAL AND SOCIAL CHANGE

Minimum Credits: 3

Maximum Credits: 3

This course will explore and analyze the evolution of music as a tool in the quest for change in the United States and the world as a whole. Students will be introduced to music and artists that have addressed social and political aspects of the United States such as civil rights, war, poverty, class, the environment, and other issues. The course will also examine how music has addressed international and global political issues.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: LVL: Sophomore or greater

PS 1202 - AMERICAN CONSTITUTIONAL LAW

Minimum Credits: 3

Maximum Credits: 3

The course will serve as an in-depth introduction to the study of constitutional law. The class work and discussions will focus on the development and evolution of the law relating to the powers of each branch of government, the checks and balances limiting those powers and the rights of individuals protected by amendments to the Constitution. Students will be responsible for reading and being able to discuss court decisions addressing major constitutional issues confronted by government and society as a whole. Class members will also be encouraged to identify and discuss factors that may impact judicial decision making, such as current events, political forces, judges backgrounds and historical events.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1210 - RELIGION AND POLITICS

Minimum Credits: 3

Maximum Credits: 3

Religion and politics both wrestle with issues of justice, power, authority and liberty, and both offer to serve as sources of meaning in our lives. Inevitably then, religion and politics are intimately entwined. In the US, the most religious and religiously diverse nation in the world, founded by a religious people seeking religious liberty, religion plays prominently in politics and political culture and politics strongly influences religious belief and practice. This course will explore the intermingling of religion and politics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0300 or PS 0600

PS 1211 - LEGISLATIVE PROCESS

Minimum Credits: 3

Maximum Credits: 3

This course provides an analysis of the legislative process in modern democracies with primary attention devoted to the legislative process in the United States. The history and meaning of representation is analyzed as is the behavior of participants in the legislative process. The impact of social-economic forces on decision-making in the United States is studied as are the roles of interest groups, political parties, the executive branch, and the judiciary.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0300

PS 1212 - AMERICAN PRESIDENCY

Minimum Credits: 3

Maximum Credits: 3

This course provides an analysis of presidential leadership in the united states. The first part of the course deals with factors helping to explain presidential leadership; how presidents are nominated and elected, the constitutional framework within which the presidency operates, presidential relations with the bureaucracy, and presidential personality. This framework is then used for an intensive analysis of presidential leadership in foreign and domestic policy.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0300

PS 1231 - POLITICAL PARTIES AND ELECTIONS

Minimum Credits: 3

Maximum Credits: 3

This course examines the organization and character of American political parties, the impact of environmental factors on party processes and behavior, patterns of party competition, and the role of parties in shaping public policy and in providing a linkage between public and government. Attention is also given to the political behavior of the American public. Recent changes in the organization of party institutions are examined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0300

PS 1234 - ELECTORAL BEHAVIORS AND DEMOCRATIC PROCESS

Minimum Credits: 3

Maximum Credits: 3

This course examines the factors that affect national electoral outcomes in the U.S.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0300

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

PS 1241 - PUBLIC ADMINISTRATION AND POLITICAL SYSTEM

Minimum Credits: 3

Maximum Credits: 3

This course analyses the nature of the public bureaucracy in the United States and its role in governance. Special emphasis is placed on questions of accountability and responsibility.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1252 - STATE GOVERNMENT

Minimum Credits: 3

Maximum Credits: 3

This course will survey political processes and public policy outcomes in the fifty American states. Policy areas to be covered include the environment, era, taxation, crime and law enforcement, and welfare.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0300

PS 1261 - AMERICAN PUBLIC POLICY

Minimum Credits: 3

Maximum Credits: 3

This course will focus on a variety of public policy issues. The issues include social welfare programs, management of the economy, governmental regulation of business activities, environmental programs, urban problems, civil rights, civil liberties, crime control efforts, and foreign policy.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0300

Course Attributes: Urban Studies

PS 1314 - GERMAN GOVERNMENT AND POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course examines political institutions and developments in Germany following the second World War, first tracing them through the eras of postwar occupation, Cold War partition and consolidation of the two German states, through the East German revolution of 1989 that set the state for unification. The course will pay special attention to the domestic and international public policy challenges facing post-unification Germany.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0300 or PS 0500 or GEOG 0101 or HIST 0101 or HIST 0180 or HIST 1367

Course Attributes: SCI Polymathic Contexts: Global&Cross Cul GE. Req., West European Studies

PS 1318 - EUROPEAN GOVERNMENT AND POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course will encompass the comparative study of the political systems of Western Europe including the UK, France, Germany, Italy, Spain, Poland, and Scandinavia. The primary themes will include political development and institutions, security, European integration, political culture, political economy, and democratization.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0300 or PS 0500

Course Attributes: Hourly Final

PS 1321 - LATIN AMERICAN POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course compares and contrasts the governments and political processes throughout Latin America. It offers a detailed look at several countries, and also provides a comparative framework to discuss the rise, fall, and quality of democracy.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0300 or PS 0500 or HIST 0101 or HIST 0180 or HIST 0500 or HIST 0501 or HIST 1367 or GEOG 0101

Course Attributes: DSAS Cross-Cult. Awareness General Ed. Requirement, DSAS Geographic Region General Ed. Requirement, Latin American Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req.

PS 1369 - GOVERNMENT AND POLITICS OF IRELAND AND NORTHERN IRELAND

Minimum Credits: 3

Maximum Credits: 3

This course comparatively examines political developments and institutions in both the Republic of Ireland and Northern Ireland. Special attention will be focused on issues of the periods of troubles from the 1960s to 1990s, politics of and since the Good Friday Agreement of 1998, and current issues of policy, governance, and politics in Ireland and Northern Ireland.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: LVL: Sophomore

PS 1396 - REPRODUCTIVE POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course provides an overview of the cultural, social, and political dynamics that underpin reproductive choices and technologies cross-culturally. Some of the questions that are addressed in the course are: How is reproduction strategized? What are the inequalities of gender and class at play? Which types of technologies are utilized and accessible. What are the configurations and expectations of the family (however defined) and social roles? The course approaches the subject by using a limited number of ethnographic case studies representing the range of "traditional" small-scale and technologically "advanced" large-scale societies.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

PS 1503 - INTERNATIONAL ORGANIZATION

Minimum Credits: 3

Maximum Credits: 3

This course focuses on the interplay among states, intergovernmental organizations, civil society organizations, and multinational corporations. Cases are drawn from a broad range of issue areas, including economic relations, human rights, peace and security, and the environment. The objective is to better understand the dynamics and evolution of formal and informal international institutions and what difference they make, in light of globalization and emerging geopolitical changes.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0300 or PS 0500

Course Attributes: DSAS Global Issues General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., West European Studies

PS 1511 - AMERICAN FOREIGN POLICY

Minimum Credits: 3

Maximum Credits: 3

Provides a historical survey of American foreign policy from the end of World War II until the present, an analysis of the decision making process led by the president of the United States, and a discussion of the impact of both the international political system and American domestic politics on this process.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0300 or PS 0500 or GEOG 0101 or HIST 0600 or HIST 0601

Course Attributes: Global Studies

PS 1531 - NATIONAL SECURITY POLICY

Minimum Credits: 3

Maximum Credits: 3

National security is becoming a crucial issue with an impact both in the international system and in the domestic environment. This course will discuss the different approaches to national security and the policies through which they have been implemented, such as military buildup, political and military alliances, military and economic consequences, and nuclear policies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0300 or PS 0500

Course Attributes: SCI Polymathic Contexts: Global&Cross Cul GE. Req.

PS 1541 - POLITICS GLOBAL ECONOMIC RELATIONS

Minimum Credits: 3

Maximum Credits: 3

This course examines the connections between power and wealth, states and markets, and economics and politics in order to gain a better understanding of the political underpinnings of the global economy as well as the influences that international economics has on national and international politics. It is an introduction to what political scientists call international political economy (or simply IPE).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0300 or PS 0500 or GEOG 0101 or ECON 0110 or ECON 0130 or HIST 0711

Course Attributes: DSAS Global Issues General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req.

PS 1601 - ANCIENT AND MEDIEVAL POLITICAL THOUGHT

Minimum Credits: 3

Maximum Credits: 3

This course surveys the work of major thinkers in the Western political tradition from ancient Greece through the middle ages, such as Plato, Aristotle, Augustine, Aquinas, and others.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0600

Course Attributes: SCI Polymathic Contexts: Ethical/Policy GE. Req., West European Studies

PS 1603 - MODERN AND CONTEMPORARY POLITICAL THOUGHT

Minimum Credits: 3

Maximum Credits: 3

This course provides a three-part introduction to modern and contemporary political thought with a focus on identity and identity politics. The first third of the course will explore major modern and contemporary theories about how identities are formed and experienced. The second portion of the course will focus on the relationship between identity and law. The final third of the course will use case studies from U.S. history and current events to explore how identity shapes and is shaped by social movements and public policy. Throughout the semester, students will develop a research project that uses the case of their choosing to explore the ways in which identity affects and is affected by the political world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, SCI Polymathic Contexts: Ethical/Policy GE. Req.

PS 1607 - AMERICAN POLITICAL THOUGHT

Minimum Credits: 3

Maximum Credits: 3

This course provides a survey of American political thinking from the founding to the present.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 0200 or PS 0600

Course Attributes: DSAS Phil. Think or Ethics General Ed. Requirement, SCI Polymathic Contexts: Ethical/Policy GE. Req.

PS 1609 - AMERICAN POLITICAL THOUGHT: RECONSTRUCTION TO THE PRESENT

Minimum Credits: 3

Maximum Credits: 3

In this course we read and discuss a curated collection of primary sources in American Politics and American Political Theory from the Reconstruction to the present.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1611 - LIBERALISM AND DEMOCRACY

Minimum Credits: 3

Maximum Credits: 3

In this course, we shall attempt to think critically about liberalism and democracy, by means of conducting an historical and analytical examination of these concepts, with a special emphasis on contemporary criticisms of democratic capitalism.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: PS 0600

PS 1629 - TOPICS IN POLITICAL THEORY

Minimum Credits: 3

Maximum Credits: 3

This course focuses intensely on a specific topic or problem in political theory; topics vary by instructor and term.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1664 - POLITICS AND PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

Political philosophy is a branch of philosophy devoted to assessing the authority, legitimacy, and justification of various kinds of political arrangements, ideologies, and approaches to politics. Key concepts that will be investigated in this course include justice, rights, laws, and property.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1836 - POLITICS THROUGH FILM

Minimum Credits: 3

Maximum Credits: 3

This course uses cinema from a variety of countries to explore, in comparative perspective, central concepts and themes of politics, such as power, authority, conflict, leadership, ideology, propaganda, revolution, justice, and participation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 6

Independent study is normally associated with internships or special programs like the Washington center on learning alternatives.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

PS 1902 - DIRECTED READING

Minimum Credits: 1

Maximum Credits: 3

Readings on special topics for which courses are not currently offered.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

PS 1904 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 12

Practical experience in political science in a professional setting. Work is directed by the employer and evaluated jointly with the faculty supervisor.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

PS 1906 - UNDERGRADUATE TEACHING ASSISTANTSHIP

Minimum Credits: 1

Maximum Credits: 3

Open to senior Political Science majors, the teaching assistantship consists of providing instructional support to a faculty member as well as taking on some instructional responsibilities under faculty supervision.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: H/S/U Basis

PS 1954 - POLITICAL SCIENCE RESEARCH METHODS & WRITING

Minimum Credits: 3

Maximum Credits: 3

This course fulfills the final composition requirement for the degree (COMP3) and is a prerequisite to enrollment in the Political Science Capstone (PS1955) at Pitt Greensburg. The course seeks to engage students in understanding political science research methodologies, developing and matriculating research questions, best practices, and extensive development of writing, editing, and revision skills

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Senior and PREQ: ENGCOMP 0020

PS 1955 - POLITICAL SCIENCE CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Capstone course for senior political science majors.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PS 1954 or ENGCOMP 0030; LVL: Senior

PS 1969 - STUDY ABROAD CONFLICT AND PEACEBUILDING IN IRELAND AND NORTHERN IRELAND

Minimum Credits: 1

Maximum Credits: 1

This course explores the sources and development of conflict and subsequent peace-building in Ireland and Northern Ireland. The focus is on the development of the Irish state, the rise of conflict during the Troubles in Northern Ireland between the 1960s and 1990s, and finally the establishment of a peace process and system of governance from the 1990s to present. The course includes a one week study abroad component in Ireland and Northern Ireland during Spring Break.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

PS 1992 - MODEL EUROPEAN UNION & STATECRAFT

Minimum Credits: 1

Maximum Credits: 1

Provide students an opportunity to learn about and simulate the inner workings of the European Union institutions and the processes of statecraft

including negotiation, bargaining, and decisionmaking by member states in a diplomatic and international organization setting. Students will participate in regional and other Model European Union or other similar events as part of the experiential learning of the course.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: H/S/U Basis

Psychology

PSY 0004 - PSYCHOLOGY CAREER PLANNING SEMINAR

Minimum Credits: 1

Maximum Credits: 1

The psychology career planning seminar will acquaint you with some of the many opportunities for employment and graduate school after obtaining your bachelor's degree. This seminar will also familiarize you with the procedures necessary to pursue those opportunities with particular emphasis on identifying and applying to graduate programs.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Satisfactory/No Credit

Course Requirements: PLAN: PSY Major

PSY 0010 - INTRODUCTION TO PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

Summary of our present knowledge in fundamental areas of learning, sensation and perception, biological basis of behavior, developmental patterns, motivation, emotion, personality and adjustment, and measurement of behavior. Information and concepts are applied to problems in understanding human behavior. Additional out-of-class experiments or an equivalent research paper are a part of the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

PSY 0022 - INTRODUCTION TO EXISTENTIALISM

Minimum Credits: 3

Maximum Credits: 3

This introductory level course explores the central existentialist question of how to be a genuine individual or self through readings of several major authors, such as Pascal, Kierkegaard, Dostoevski, Nietzsche, and Sartre.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PSY 0032 - RESEARCH METHODS 1

Minimum Credits: 4

Maximum Credits: 4

Laboratory course dealing with research methods in the study of behavior, with particular attention toward understanding individual social behavior. Offers a combination of field and lab research.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: STAT 0200 or STAT 1000 or STAT 1100 or NUR 0088

PSY 0034 - RESEARCH METHODS

Minimum Credits: 3

Maximum Credits: 3

Research methods in the study of behavior, with particular attention toward understanding individual social behavior.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: STAT 0200 or STAT 1000 or STAT 1100 or NUR 0088

PSY 0105 - INTRODUCTION TO SOCIAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

An overview of social psychology. The scientific study of how one person's behavior and/or characteristics can influence the thoughts, feelings and behaviors of others. Topics covered include social perception, attitude formation and change; prejudice and discrimination; altruism and aggression; cooperation, competition, and bargaining; group decision making, leadership; and environmental effects on behavior.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

PSY 0160 - PSYCHOLOGY OF PERSONALITY

Minimum Credits: 3

Maximum Credits: 3

Survey of major approaches to the study of personality, focusing on their relative abilities to provide coherent explanations for individual behavior. Issues involved in the assessment of personality will also be discussed and several assessment procedures evaluated. Recent research in personality psychology is reviewed and analyzed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

Course Attributes: DSAS Social Science General Ed. Requirement

PSY 0175 - PSYCHOLOGY OF RELIGION AND SPIRITUALITY

Minimum Credits: 3

Maximum Credits: 3

Examines the scientific study of thoughts, behaviors, emotions, and experiences that relate to the sacred. Includes a comparison of the terms religion and spirituality, and explores research methods used in the field. Surveys research and theory concerning the following topics: religious development across the lifespan, religious motivations, spiritual and mystical experiences, conversion, cults, religious fundamentalism, images of and relationships with god, the neuroscience of religion, religious coping, and religion/spirituality in applied settings (i.e., psychotherapy, assessment, consultation).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 0177 - MINDFULNESS, MEDITATION, AND LIFE SKILLS

Minimum Credits: 1

Maximum Credits: 1

A study of mindfulness, mediation and other life skills that promote well-being. Students will learn about mindfulness, practice mindfulness exercises and participate in various mindfulness-promoting activities in and out of the classroom.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: Letter Grade

PSY 0184 - PSYCHOLOGY OF GENDER

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to psychological theories and research on the impact of gender on the human experience. Experiences of cisgender men and women as well as trans individuals and those who identify outside of the gender binary will be discussed. Although the focus will be on societal constructs within the United States, we will also discuss cross-cultural research. Intersections with race and sexual orientation and the influence of power will be considered in the discussion of the effects of cultural factors that determine the gendered nature of cognitive abilities, emotional expression, interpersonal relationships, victimization, labor, and health.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Social Science General Ed. Requirement, Gender, Sexuality & Women's St, Global Studies, SCI Polymathic Contexts: Soc/Behav. GE. Req.

PSY 0186 - CROSS CULTURAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

The systematic, scientific study of human behavior takes into account the diverse ecological and cultural settings in which we live. The course covers traditional topics in human psychology-perception, cognition, personality development, intergroup relations and impact of social change. Research data are emphasized. Approach is interdisciplinary, integrating material from anthropology as well as psychology.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 0205 - PSYCHOPATHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course provides an overview of the major issues in the area of mental illness. This course emphasizes the scientific approach to understanding the major psychological and behavioral disorders. The research and clinical literatures regarding the etiology, course and treatment of these disorders will be presented.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 AND ENROLLMENT NOT PERMITTED IF CURRENTLY OR PREVIOUSLY COMPLETED PSY 1205.

PSY 0310 - DEVELOPMENTAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

The course focuses on development of the child from birth to adolescence, the current theory and research concerning social, emotional, intellectual, perceptual and language development. The organization of the course is topical. Coverage is confined to normal development; what develops, how and why in the average child. Little attention to abnormal development.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 AND ENROLLMENT NOT PERMITTED IF CURRENTLY ENROLLED, OR PREVIOUSLY ENROLLED IN PSY 0311.

Course Attributes: Children's Literature

PSY 0311 - LIFESPAN DEVELOPMENT

Minimum Credits: 3

Maximum Credits: 3

This course follows human development from fetal stages until the end of life. The course includes theory, research and practical applications. Lecture topics include genetic/environmental influences; prenatal and birth factors; physical, cognitive, social, personality, and cultural variables which influence normal and abnormal development in infancy, childhood, adolescence, early-, middle-, and late adulthood.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 AND ENROLLMENT NOT PERMITTED IF CURRENTLY OR PREVIOUSLY COMPLETED PSY 0310.

PSY 0330 - EXPERIMENTAL CHILD

Minimum Credits: 4

Maximum Credits: 4

Introduces students to the scientific basis of theories and issues in child and developmental psychology. Students will learn about and apply basic methods of research in child development, including conducting a study and writing it up according to American psychological association (APA) style. Primarily organized around the child's cognitive development, but other topics will be discussed as well.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 0335 - CHILDREN, MEDIA, AND TECHNOLOGY

Minimum Credits: 3

Maximum Credits: 3

Children are exposed to a large variety of media. Using the scientific studies, we will examine how media affect children's intellectual, social, and personal development, reviewing several theories about how children and media interact

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 0402 - EXPERIMENTAL LEARNING

Minimum Credits: 4

Maximum Credits: 4

Laboratory course offering an overview of principles of learning and behavior. Topics include Pavlovian and operant procedures, vicarious learning, generalization, and discrimination. Individual behavior modification project and lab report required.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 0410 - HUMAN COGNITION

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to theory and research regarding human cognition. Topics covered include how humans: sense, perceive, and attend to objects in the environment, remember certain stimuli, events, and skills, form concepts, learn, and solve problems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 0505 - INTRODUCTION TO BIOPSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This is a survey course in which the biological bases of certain classes of behavior are explored. The behaviors studied are limb movement, sleep and wakefulness, feeding, sexual behavior and learning and memory. Each of these behaviors is considered from the point of view of which brain structures and which neurotransmitters are involved in the production of that behavior. Emphasis is also placed on experimental techniques used to obtain relevant data and on the type of inferences which can be made from these experiments.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 or any introductory BIOSC course

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

PSY 0510 - SENSATION AND PERCEPTION

Minimum Credits: 3

Maximum Credits: 3

This course examines the nature of the mechanisms that transform sensory input into our perceptual experience of the world. Topics include structure and function of sensory system, perception of color, object, motion, etc. Both information-processing and ecological approaches to the study of perception are considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0170 or PSY 0010

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

PSY 0680 - INTRODUCTION TO INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

A survey course of contemporary practice in the field of industrial psychology. Principal topics include employee selection, testing, performance appraisal, training and development, leadership, work motivation, organizational psychology, conditions at work, engineering psychology, employee safety and health, consumer and marketing psychology.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1001 - INTRO EDUCATIONAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

A survey of current problems in education which psychological theory and research can address. Topics include developmental approaches to teaching, educational applications of learning theory, classroom management, and testing strategies for teachers.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1025 - TESTS AND MEASUREMENT

Minimum Credits: 3

Maximum Credits: 3

This course reviews representative examples of current psychological tests and covers, in some detail, the nature of psychological measurement and the elements of test theory and test construction. Topics covered include item analysis, item selection techniques, reliability, validity and validation

procedures, standardization and norming, and the conceptual problems in test interpretation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 and STAT 0200

PSY 1035 - DRUGS AND BEHAVIORS

Minimum Credits: 3

Maximum Credits: 3

This course examines the influence of drugs on the brain and behavior. Topics covered include: the influence of drugs on brain functioning, the use of drugs to treat psychological abnormalities (e.g. schizophrenia, depression), and theories of drug addiction.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1056 - FORENSIC PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course will examine the unique subfield of forensic psychology that addresses the interface between psychologists and the legal system. Specifically, the course and its namesake generally refers to the assessment and treatment of psychological disorders within the legal system. As such, this course will cover topics including the history and development of forensic psychology, common assessments conducted by forensic psychologists (including competency to stand trial), their assistance with courts' verdict and sentencing decisions (including not guilty but mentally ill vs. Not guilty for reason of insanity), the treatment of offenders and ex-offenders, expert testimony by forensic psychologists on psychological issues, and their role in high-stakes death penalty cases. This material will emphasize the importance of the scientist-practitioner model which advocates for the application of psychological research to most effectively assess and treat individuals involved in the legal system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1062 - SOCIAL SCIENCE AND LAW

Minimum Credits: 3

Maximum Credits: 3

This course will examine the interplay between the social sciences (primarily psychology and criminal justice) and the legal system. Specifically, this course will initially provide an overview on social scientific and legal research. This course will then review the different roles played by and services provided by social scientists, and how they interface with the courts throughout the life cycle of criminal and civil cases. These roles and services include the writing and submission of amicus briefs, conducting research and surveys relevant to litigation, serving as experts, mental health practitioners, and trial consultants. Students should leave this course with a good understanding of social science research, but also the different ways in which social scientists interact with the courts and how the courts use social science to make legal decisions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1110 - PSYCHOLOGICAL ASPECTS OF HUMAN SEXUALITY

Minimum Credits: 3

Maximum Credits: 3

The course presents a social-psychological and psycho-biological orientation towards the study of human sexuality. Current research is emphasized. Topics such as sexual attitudes, hormones and behavior, changing sexual behavior, sex education, gender-role development, alternative forms of sexual expression, and violence and sex are covered.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: PSY 0010
Course Attributes: Gender, Sexuality & Women's St, Global Studies

PSY 1114 - LEGAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

Psychological theory and research has historically been relevant to legal policy and judicial decision-making. Although the legal system frequently ignored much of this research throughout the 20th century, the 21st century has seen a dramatic increase in the application of psycho-legal research within the legal system. Recognizing the burgeoning field of legal psychology, the purpose of this course is to illuminate the interaction between psychology and the legal system. Due to legal psychology's emphasis of integrating research with practice, this course covers a myriad of psychological research areas that have a direct bearing on the legal system, including: eyewitness testimony and identification, profiling, interrogations and confessions, jury selection, jury decision-making, competency to stand trial, investigative interviewing, sexual harassment, and punishment.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1131 - GENDER AND MENTAL HEALTH

Minimum Credits: 3

Maximum Credits: 3

Explores the experience, origins, and treatment of mental health problems affecting men and women in American society. Examines major approaches to understanding how gender affects mental health and relies on an exploration of personal accounts of illness or personal crisis.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 and one other PSY course

PSY 1132 - INTRODUCTION TO NEUROSCIENCE

Minimum Credits: 3

Maximum Credits: 3

This course studies the basic structure and function of the central and peripheral nervous system. There is an emphasis on the effects of lesions of the nervous system on human function and disability.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 or BIOSC 0180

PSY 1205 - ABNORMAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course provides an overview of the major issues in the area of mental illness. This course emphasizes the scientific approach to understanding the major psychological and behavioral disorders. The research and clinical literatures regarding the etiology, course and treatment of these disorders will be presented. PSY 1205 is only available to students who have taken it in the past and wish to improve their grade. Anyone who has not previously taken 1205 will not be allowed to enroll and should instead enroll in PSY 0205: Psychopathology (this is the same course as 1205; only the number and name have changed). If you have previously enrolled in PSY 1205 and wish to repeat it for grade improvement, you will need the permission of the Psychology Advising Office. To obtain a permission number, contact Jennifer Stapel, jstapel@pitt.edu, 3113 Sennott Square.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: PSY 0010

PSY 1210 - INTRODUCTION TO CLINICAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course is directed toward the student seriously interested in the major issues pertaining to clinical psychology. The course provides an overview of the major therapeutic approaches and incorporates other germane issues such as history of the field, assessment issues, interviewing approaches, community psychology, behavioral medicine, and clinical research and methodology. Present therapeutic approaches are placed in the context of an evolving discipline, anchored in an empirical-scientific approach to the subject matter.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PSY 1211 - CLINICAL PSYCHOLOGY WITH LAB

Minimum Credits: 4

Maximum Credits: 4

This laboratory course provides theoretical background and direct experience in practicing various clinical skills, such as building a relationship with a client, conducting therapeutic interventions, interviewing, and administering, scoring, and interpreting psychological measurements. The course also explores case conceptualization (addressing factors underlying mental health problems) and ethical issues in clinical and counseling psychology. The application of these skills and concepts are applied to such subfields as marriage and family counseling, drug counseling, group interventions, child psychology, and the prevention of mental health problems. Finally, clinical tasks such as consultation, program development, and program evaluation are explored.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Psy 0010 and Psy 1205

PSY 1215 - HEALTH PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course provides an introduction to the major questions and methods which have guided the research in health psychology. This field examines the role of psychological and social factors in the development and progression of medical disease. Three main topics are covered: (1) conceptual underpinnings of health psychology, (2) psychosocial factors and specific diseases, and (3) evaluating behavioral medicine interventions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 and one other PSY course

PSY 1252 - INDIVIDUAL COUNSELING AND THERAPY

Minimum Credits: 3

Maximum Credits: 3

Theories and techniques used to enhance mental well-being and recovery from mental illness, involving interactions between one client and one mental health professional. Lecture, experiential learning, and reflection are used to enhance knowledge and micro skills within the field of individual counseling and therapy.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 1205 or PSY 0205

PSY 1300 - CLINICAL SKILLS: UNDERSTANDING YOUR CLIENT

Minimum Credits: 3

Maximum Credits: 3

Concepts and application of psychological interviews and tests used in counseling and clinical psychology. Lecture, experiential learning, and reflection are used to enhance knowledge and micro skills within the field of applied psychological assessment.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 and (PSY 1205 or PSY 0205)

PSY 1302 - COGNITIVE DEVELOPMENT

Minimum Credits: 3

Maximum Credits: 3

Current theories about children's knowledge and the issues surrounding the development of that knowledge. Topics include memory development, perceptual development, language development, development of problem-solving abilities, and the development of intelligence.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1350 - COUPLES AND RELATIONSHIPS

Minimum Credits: 3

Maximum Credits: 3

This course explores couple dynamics, functioning, and development. Additional topics include systems theories, attachment theories, research on relationship success, predictors of divorce, conflict management, friend systems within couples, and causes of infidelity.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1370 - FAMILY PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

The course provides an overview of families, relationships, and marriage and its variations. Evolving perspectives on the family are considered, as are challenges and opportunities facing contemporary families. Specific topics include sexuality, gender, love, reproduction, parenting, work, uncoupling, and remarriage.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1425 - LEARNING AND BEHAVIOR

Minimum Credits: 3

Maximum Credits: 3

This course provides an overview of principles of learning and behavior. Topics include Pavlovian and operant conditioning, generalization, and discrimination.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1445 - BIOLOGICAL FOUNDATIONS OF BEHAVIOR

Minimum Credits: 3

Maximum Credits: 3

This course provides an introduction to animal behavior. It surveys fundamental concepts such as evolution, genetics, adaptation, and learning as well as research methods used to understand animal behavior. Primate species are emphasized.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Psy 0010; Sophomore

PSY 1475 - APPLIED BEHAVIOR ANALYSIS

Minimum Credits: 3

Maximum Credits: 3

This course examines the extension of basic behavioral research to problems of social significance. Among the topics covered are the concepts and terminology of behavior analysis, ethical considerations, and techniques for the collection and display of behavioral data, functional assessment of problem behavior, and the use of behavioral treatments to reduce problem behaviors and promote appropriate behaviors. Also surveyed are areas in which applied behavior analysis has been particularly successful, including autism, self-injurious behaviors, feeding disorders, and developmental disabilities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1485 - BEHAVIOR ANALYSIS: PRINCIPLES AND PRACTICE

Minimum Credits: 3

Maximum Credits: 3

This course is an upper-level class in behavior analysis that expands on the learning principles and their applications covered in the prerequisite classes. Students will also be exposed to methods of behavioral assessment, strategies for selecting intervention outcomes, behavior change procedures, systems supports, ethical guidelines, and various areas in which learning principles are applied.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010, PSY 0402, PSY 1475

PSY 1495 - ADVANCED BEHAVIOR ANALYSIS 2

Minimum Credits: 3

Maximum Credits: 3

This course is a continuation of PSY 1485 (advanced behavior analysis), and addresses a variety of behavior principles including stimulus control, generalization, motivating operations, verbal behavior, conditioned reinforcement, and self-control. The behavior principles are examined theoretically and in terms of their applicability to clinically-relevant problem behaviors, teaching new skills, instructional design, and industry. Particular attention is paid to selecting and implementing behavior-change techniques.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 and (PSY 0402 or PSY 1475)

PSY 1525 - NEUROPSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course examines the relationship between psychological and brain processes. Topics covered include: 1) environmental and genetic influences on the brain and psychological processes, 2) brain organization, development, and plasticity, and 3) the neural correlates of sensations, perceptions, thoughts, memories, stress, dreams, emotions, and motivations.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: PSY 0010

PSY 1527 - INTRODUCTION TO NEUROPSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course studies the basic structure and function of the central and peripheral nervous system. There is an emphasis on the effects of lesions of the nervous system on human function and disability.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PSY 1570 - HISTORY AND SYSTEMS OF PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

Designed as an interdisciplinary examination of the evolution of the field of psychology. Time is spent on obtaining a solid understanding of the philosophical underpinnings of the discipline of psychology. From the early Greek philosophers on the early emerging discipline of psychology is examined by tracing the development and historical lineage of different schools of thought up to the modern era. Emphasis is on the relationship of psychology to the fields of history and philosophy, and how schools of thought fit into empiricist and rationalist traditions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

Course Requirements: PREQ: PSY 0010

PSY 1620 - CONSUMER PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course examines the psychological factors that influence the way consumers select products and services. Ways to influence buying patterns are examined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PSY 1640 - PHILOSOPHY OF PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This advanced undergraduate course covers such topics as mind-body reductionism, behaviorism, functionalism, cognitivism, and the relation of artificial intelligence research to Psychological Theory.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: One PHIL or one PSY course

PSY 1720 - PSYCHOLOGICAL STUDY OF TRAUMA

Minimum Credits: 3

Maximum Credits: 3

An advanced course that addresses the importance of both single-blow and chronic forms of trauma, neglect and abuse in mental disorders and adjustment. The class provides an in-depth exploration of current theory and research on trauma; explores controversies or debates in the field surrounding diagnosis and treatment, memory, and selfhood; and encourages exposure to original research and writing in the professional literature. The holocaust is examined as an important example of trauma, remembrance, and healing.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 and one other PSY course; PLAN; Psychology (GPSY-BS)

PSY 1910 - SUPERVISED FIELD PLACEMENT

Minimum Credits: 1

Maximum Credits: 6

Field placement experience in psychology.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Requirements: PREQ: PSY 1205; LVL: junior; and permission of instructor

PSY 1911 - SUPERVISED FIELD PLACEMENT IN BEHAVIOR ANALYSIS

Minimum Credits: 1

Maximum Credits: 6

The purpose of this course is to provide students with hands-on experience in behavior analysis and to satisfy, in part, the requirements for the supervised independent fieldwork as outlined by the Behavior Analyst Certification Board (BACB). Students will gain experience collecting data, defining target behavior, conducting functional behavior assessments, identifying and selecting reinforcers, designing acceleration and deceleration procedures, creating and implementing treatment plans, and training staff and parents.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Requirements: PREQ: PSY 0402, PSY 1475

PSY 1912 - DIRECTED INDIVIDUAL READING

Minimum Credits: 1

Maximum Credits: 3

Under special circumstances, psychology majors can design an individual reading course with a member of the department and in consultation with the graduate advisor.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

PSY 1913 - DIRECTED INDIVIDUAL RESEARCH

Minimum Credits: 1

Maximum Credits: 3

This course involves student participation in individual experimental research supervised by a member of the department faculty.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

PSY 1920 - RESEARCH PRACTICUM

Minimum Credits: 3

Maximum Credits: 3

Students work on research projects or the analysis of data, acquiring advanced training or practice with literature searching and review procedures, data entry, statistical analysis, article preparation, article submission, etc.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

PSY 1925 - SENIOR THESIS

Minimum Credits: 3

Maximum Credits: 3

This course is intended as a capstone offering for all psychology majors, and is designed to give students practice in advanced skills useful for developing a final integrative psychology project. Students will develop competence in each of the following core areas: conducting literature searches on the internet, critically reading journal or research articles, and conducting simple computer data analysis. They will then use these skills and their general training in psychology to develop a final individual or group project. (In addition to the prerequisites associated with this course, students must have completed one of the two required writing-intensive Psychology courses prior to enrollment.)

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0034; LVL: Senior

PSY 1970 - UNDERGRADUATE TEACHING ASSISTANT EXPERIENCE

Minimum Credits: 1

Maximum Credits: 3

This course involves student participation as an undergraduate teaching assistant (UTA) for a psychology course under the supervision of a faculty member.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: Satisfactory/No Credit

Course Attributes: Capstone Course

PSY 1972 - TEACHING OF PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course is open only to psychology majors and is required of all undergraduate students fulfilling the departmental teaching practicum requirement.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

PSY 1976 - PSYCHOLOGY IN ACTION

Minimum Credits: 3

Maximum Credits: 3

This experiential learning course will serve to integrate prior theory and research in psychology, and apply it to service learning on campus or in the community. Students will set goals with a community supervisor and means of achieving those goals, log their hours, and relate their work to academic learning through oral and written forms of communication. Students will type a paper and present to the campus community their service learning experience and how it relates to prior academic knowledge. Students will meet weekly in a class setting with their peers and faculty supervisor to integrate their applied experience with their previous coursework, and practice their research and critical thinking skills.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Psychology in Education

PSYED 1001 - INTRO EDUCATIONAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

A survey of current problems in education which psychological theory and research can address. Topics include developmental approaches to

teaching, educational applications of learning theory, classroom management, and testing strategies for teachers.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: PSY 0010

Religious Studies

RELGST 0105 - RELIGIONS OF THE WEST

Minimum Credits: 3

Maximum Credits: 3

This course is a historical introduction to the religious traditions that developed in ancient Near East and the Mediterranean. Our major emphasis is on the history of the religious traditions that emerged in late antiquity which continue to as the major monotheistic religions: Judaism, Christianity and Islam. We focus on key concepts, historical developments, and contemporary issues. Throughout the course, we also examine interactions among these religious traditions and will make use of documentary film and sacred art to illustrate. In the final segment of the course we examine the issue of secularization and the rise of the category of the non-believer, or "none." The course also serves as an introduction to the academic study of religion and provides a foundation for further coursework in Judaism, Christianity, and Islam. No prior knowledge of any of the religions studied is expected or assumed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Global Issues General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

RELGST 1015 - ANCIENT & MEDIEVAL CHURCH HIST

Minimum Credits: 3

Maximum Credits: 3

A survey of the background and development of the Christian church from sub-apostolic times through the beginnings of the Protestant Reformation. Major developments in the life and thought of the church will be addressed through key persons and events.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

RELGST 1120 - ORIGINS OF CHRISTIANITY

Minimum Credits: 3

Maximum Credits: 3

This course presents a historical-critical investigation of Christian origins. Special attention is paid to varieties of 1st century Hellenistic and Palestinian Judaism within the Greco-Roman world. Primary readings include selected Biblical passages and apocrypha, 1st century historians and philosophers (Josephus, Tacitus, Suetonius, and Philo), the New Testament corpus (including Paul and the Pastorals), and selected readings from the Dead Sea Scrolls. In addition there will be assignments from various modern New Testament critics, historians, and theologians.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

RELGST 1460 - SPECIAL TOPICS

Minimum Credits: 3

Maximum Credits: 3

Detailed analysis of a particular topic not covered by regularly scheduled courses.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SU3 Elective Basis

RELGST 1475 - RELIGIOUS DIVERSITY

Minimum Credits: 3

Maximum Credits: 3

What is the best way to accommodate religious and cultural diversity within a nation-state and in civil society? How should individual rights to practice religion be balanced with communal needs? Should freedom from religion be protected as much or more than freedom of religion? These are pressing contemporary issues in many countries, including the United States, but issues of religious diversity and questions of whether and how to tolerate religious minorities have a long history. In this course, we will examine the toleration of minority religions in particular historical settings, and the issues and problems (both doctrinal and social/political) that societies grappled with as they confronted diverse religious landscapes. We will also use these historical precedents as a lens to examine contemporary examples of religious pluralism, diversity, and conflict. Case studies will mainly be drawn from pre-modern Europe and modern Europe and North America, but we will also look at Mughal and modern India and discuss religion in pre-modern China.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Global Issues General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req.

RELGST 1644 - CHRISTIAN MUSLIMS JEWS IN THE MIDDLE AGES: CONNECTION & CONFLICT

Minimum Credits: 3

Maximum Credits: 3

Was the world of Europe and the Middle East before the Enlightenment a period of unending religious conflict and intolerance? Were Jews the victims of severe persecution and violence everywhere during this period? Did Christians and Muslims engage in unceasing religious wars? The answer to all three of these questions is no. While the Middle Ages were a period of conflict and competition between the three major western religious groups, they were also a time of coexistence and cooperation. This class shifts from extreme dichotomies and simplistic stereotypes to deeply examine the period in all of its complexity: what were the theological, political, and legal contexts in which Christians, Muslims, and Jews interacted in both Christian Europe and the Muslim world? How did these deeply religious societies organize themselves to tolerate the religious "Other"? When and why did toleration break down and lead to expulsion, forced conversion, or violence? What kinds of cross-cultural exchanges and cooperation take place in economic, cultural, intellectual, and social life? We will also look at new ideas of toleration (and intolerance) that emerged at the end of the Middle Ages and examine aspects of inter-religious encounters and dialogues today. We will discuss not only the significance of Jewish-Christian-Muslim interactions in the Middle Ages but also assess these encounters as a case study in the broader history of religious diversity, pluralism, and conflict.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

RELGST 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 4

A variety of individual reading and research projects may be undertaken by students under the close supervision of a senior faculty member.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

Seton Hill College

SETHL 0101 - SETON HILL

Minimum Credits: 1

Maximum Credits: 6

Cross-registration with Seton Hill University.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SETHL 0102 - SETON HILL

Minimum Credits: 1

Maximum Credits: 6

Cross-registration with Seton Hill University.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Social Sciences

SOCSCI 0100 - SOCIAL SCIENCE CORNERSTONE

Minimum Credits: 3

Maximum Credits: 3

The purpose of this class is to help students develop the academic skills necessary to make a successful transition to college life. In addition to learning necessary skills such as time management, stress management, study skills, and using campus resources, students will develop critical thinking and problem solving skills, reflect on their values, beliefs, and attitudes, and gain a further appreciation for differences among people. This course is designed to be taken together with other designated courses in the Social Sciences Learning Community.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOCSCI 0105 - INTRODUCTION TO PUBLIC POLICY

Minimum Credits: 3

Maximum Credits: 3

The course introduces students to the fundamentals of public policy analysis, with a focus on the United States. Students will be exposed to the process of public policy development, analysis, and implementation. They will learn the tools used in public policy analysis, why governments and citizens make certain choices, as well as how to choose among policy alternatives.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOCSCI 0200 - RESEARCH METHODS IN THE SOCIAL SCIENCES

Minimum Credits: 3

Maximum Credits: 3

This course is designed for majors in AI, communication, political science, economics, sociology and anthropology. The course will familiarize students with basic empirical research methods and statistics typically used in the social sciences. The focus will be on learning how to evaluate existing research and reports and how to conduct and write research projects for the capstone courses.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

SOCSCI 1031 - DIGITAL STUDIES

Minimum Credits: 3

Maximum Credits: 3

This course emphasizes practical experience with digital resources and methods in the social sciences. Students will develop skills in evaluating and using existing digital sources, become familiar with a variety of software and internet technologies, gain experience in creating digital archives and databases, and learn about methods for exploring and organizing results from digital sources.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

SOCSCI 1040 - PROGRAM EVALUATION

Minimum Credits: 3

Maximum Credits: 3

This course will provide students with knowledge and skills necessary to perform program evaluation. Students will be introduced to the logic of scientific inquiry, the features and purpose of experimental design, and the concepts and limitations of measurement. In addition, students will perform data measure development and collection and basic data management, conduct descriptive data analyses, and communicate results orally and in writing. This will occur within the context of participating in an ongoing program evaluation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOCSCI 1051 - DIGITAL HUMANITIES: CODING AND DATA VISUALIZATION

Minimum Credits: 3

Maximum Credits: 3

This course involves preparing electronic texts for public access with systematic markup language, such as XML, with emphasis on data extraction and visual analysis of literary and historical texts; creating bar, line, and network graphs, and geographic and image mapping. (The emphasis in this alternative course is less on creating digital editions of texts and more on data extraction and visualization from digital texts prepared as information databases.)

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

SOCSCI 1900 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 6

Internship in the field of social sciences.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

SOCSCI 1901 - APPLIED RESEARCH INTERNSHIP

Minimum Credits: 1

Maximum Credits: 6

Academic Career: Undergraduate

Course Component: Internship

Grade Component: H/S/U Basis

SOCSCI 1902 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 6

Course content to be decided between the professor and the student.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

SOCSCI 1905 - POLICY PRACTICUM: SYSTEMS THINKING SEMINAR & EXPERIENCE

Minimum Credits: 3

Maximum Credits: 3

This practicum provides students with fundamental concepts of the "systems thinking" framework. Students will apply this framework through policy questions and public challenges. They will be exposed to the policy development process through real-world experiences by participating in an off-campus seminar and in-class symposiums.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

SOCSCI 1955 - SOCIAL SCIENCES CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Senior project or capstone course in the social sciences.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: SENIOR

Sociology

SOC 0003 - TECHNOLOGY AND SOCIAL CHANGE

Minimum Credits: 3

Maximum Credits: 3

To acquaint the student with major sociological concepts, approaches and theories that are applicable to the analysis of the interaction between technology and society. The discussions are organized around three issues; 1. The effects of technology upon various aspects of the social structure and functioning, 2. The social conditions which lead to innovations and the diffusion of innovations throughout society, and 3. Technology assessment and environmental impact statement processes as they bear on current national decisions bearing on technology/society interfaces.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0007 - SOCIAL PROBLEMS

Minimum Credits: 3

Maximum Credits: 3

The major aims of this course are to understand the nature of important social problems in American society and analyze their causes and consequences. The two competing perspectives, one, that social problems are created when individuals fail to conform to societal norms, and two, that social problems are caused when institutions fail to meet changing needs and aspirations of individuals will be used in our analysis. Future trends and policy alternatives toward amelioration will be examined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Social Science General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Soc/Behav. GE. Req.

SOC 0009 - AMERICAN SOCIETY

Minimum Credits: 3

Maximum Credits: 3

This course is designed around an examination of the country's traditional goals and ideals. We will explore those national purposes through the writings of major American figures and discuss whether or not the country has fulfilled those purposes. The course also explores the ways that America's diverse groups and social classes relate to each other.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0010 - INTRODUCTION TO SOCIOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course introduces the student to the discipline of sociology, its development, theories, major findings, and to the sociological interpretation of modern society. Emphasis will be given to the importance of careful empirical investigation for the understanding of recent social and cultural changes. Students should be prepared to encounter basic issues in sociological method and in theory; an inclination toward systematic and abstract reasoning will help.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

SOC 0020 - CRIME, LAW, AND PUBLIC POLICY

Minimum Credits: 3

Maximum Credits: 3

An introduction to crime, criminal law, the administration of justice process, and public policy as it pertains to crime and justice. Subject matter includes an introduction to the study of crime, a description of the sources, purpose, and application of the criminal law, and an examination of the interplay of politics, the problem of crime, and the implementation of public policies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0145 - DRUGS AND SOCIETY

Minimum Credits: 3

Maximum Credits: 3

This course examines the social implications of the use and abuse of psychoactive substances. Drawing on sociological, psychological, historical, and pharmacological research, questions about individual motivations and consequences, social problems, political and economic issues, and public policy will be explored. The primary focus will be on the United States, but the larger global context will also be considered

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0150 - SOCIAL THEORY

Minimum Credits: 3

Maximum Credits: 3

The aim of this course is to provide a survey of major developments in sociological theory in recent times. The classic background for these developments is included as part of the course. Lectures, readings and discussions help the student to acquire a grasp of the significance of theoretical analysis in sociology and of basic sociological problems addressed by a variety of theorists.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Social Science General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Soc/Behav. GE. Req.

SOC 0335 - SOCIOLOGY OF POLITICS

Minimum Credits: 3

Maximum Credits: 3

This course examines the relationship between political institutions and the institutions of the economy, family, education, religion, and stratification. With a major focus on American society and the conditions underlying stable democracy, these relationships are studied in historical and cross-societal comparative perspective as well as in terms of a society's location in the system of international relations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0352 - SOCIAL MOVEMENTS

Minimum Credits: 3

Maximum Credits: 3

This course offers ideological, structural, and functional treatment of dominant American movements for social and cultural change in our contemporary world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Social Science General Ed. Requirement, Gender, Sexuality & Women's St, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Soc/Behav. GE. Req.

SOC 0432 - WEALTH AND POWER

Minimum Credits: 3

Maximum Credits: 3

In this course we aim to understand the fundamental structure and workings of modern capitalist society. We will examine the distribution of wealth, income, and power in both the US and globally, and consider the notions of democracy and imperialism in the context of what we broadly call, "globalization". Can we have political equality in societies with high degrees of economic inequality? Are corporations too powerful? Whose side does government usually take the little guys' or the corporations'? Why? How is it possible that the richest nation in the world also has more poverty than any other "democratic" country? We will explore these and many other topics from the macro- to the micro- levels of analysis

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

SOC 0433 - SOCIAL INEQUALITY

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to provide the student with an introduction to the sociological study of social inequality in the United States. Course topics will include the causes and consequences of inequality in society, the universal and variable nature of institutionalized inequality, and understanding how social, demographic, economic, political, and historical forces impact the everyday lives of Americans. Further, the student will be provided with the opportunity to analyze and discuss the impact of public policy on issues that pertain to social inequality.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0455 - DIVERSITY IN AMERICA

Minimum Credits: 3

Maximum Credits: 3

This course will introduce students to the concept of culture, allowing them to see how one's culture affects and is affected by living in the United States. The first third of the class will focus on what culture is and allow students to explore their own culture in depth (including assumptions, language use, and world views). The second part of the class will explore the complexities of various cultural groups living in the United States;

guest speakers, writings, and videos will be used to study these cultures. The last part of the class will focus on how the cultures and language use affects and are affected by various social institutions, especially schools.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0477 - MEDICAL SOCIOLOGY

Minimum Credits: 3

Maximum Credits: 3

This is a course on socio-cultural aspects of health, illness, disease and (medical) treatment in American society. The historical transformation of American medicine into a powerful sovereign profession with unparalleled authority, autonomy and control over all aspects of health and illness will be examined. On the basis of this historical survey, recent empirical studies of distribution of health, disease and medical care will be examined as well as specific substantive issues and contemporary debates.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0490 - MASS MEDIA

Minimum Credits: 3

Maximum Credits: 3

This course deals with the many faceted roles of mass media in our society and explains how and why the media have achieved their present prominence and influence on our lives.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0600 - RACE AND ETHNIC RELATIONS

Minimum Credits: 3

Maximum Credits: 3

This is a course presenting the central sociological interpretations of majority/minority relations. The course includes consideration of selected racial, ethnic, sexual, political, economic, and religious minorities in the United States and around the world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

SOC 1030 - LATINOS IN THE UNITED STATES

Minimum Credits: 3

Maximum Credits: 3

Taught in Spanish. This course will explore the transformation of the American society, culture, and values as a consequence of the massive arrival of various ethnic groups from Latin America. First, students will explore the background of the first (native) Hispanics in the United States as well as those who arrived from Latin America as immigrants, refugees, and exiles. Then, students will learn about the ethnic and religious identity of Latinos in the United States, their influence in the media, politics, and sports, and their cultural contributions to music, films, literature, and the arts. Next, students will research and debate about three contemporary topics: 1) the Mexican-American border issues, 2) the political importance of Latin American communities, and 3) bilingualism and the use of 'Spanglish'. Lastly, during the Hispanic Heritage Month, students will have the opportunity to work as volunteers for the Latin American Cultural Union (LACU) in Pittsburgh.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

SOC 1050 - COMPARATIVE CRIMINOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to a global, comparative approach to the study of common law and civil law criminal justice systems and their respective legal traditions (Westernized, Islamic, ancient, socialist, public, private, constitutional, etc.). The course surveys global criminal issues such as the spread of transnational crimes like human, weapon and drug trafficking, terrorism, corporate fraud, war crimes violations and global organized crime. The course examines the organic criminal justice problems various nations face (politically, economically, religiously, socially, historically and geographically) in processing crime, as well as how these same nations respond differentially to problems shared around the globe.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 1114 - QUALITATIVE RESEARCH METHODS

Minimum Credits: 3

Maximum Credits: 3

Qualitative research methods (sociology 1114) provides an introduction to qualitative research methods. The course will focus on interviewing and participant observation, the two main "fieldwork" methods. Together, the class will select a topic and design a project that will allow students to practice these methods and gain practical experience in qualitative research and writing. Students will be taught how to engage in participant observation, conduct in-depth interviews, analyze data, and write qualitative research reports.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req., Undergraduate Research, Writing Intensive Course (WRIT)

SOC 1148 - DELINQUENCY AND JUVENILE JUSTICE

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to understand the nature of juvenile delinquency and the treatment of juveniles within the juvenile justice system. The course defines the term, juvenile delinquency, provides overview of theories of delinquency, as well as risk factors for delinquent behavior. It traces the history of the juvenile justice system and provides an overview of the various dispositions for adjudicated youth. Critical supreme court cases, involving juvenile offenders are also considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CJ 0002 or SOC 0020

SOC 1270 - MUSIC, CULTURE AND TECHNOLOGY

Minimum Credits: 3

Maximum Credits: 3

Students will engage with major social, historical, and cultural issues affecting music technology in the West from the phonograph in the 19th century to the iPhone in the 21st.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: SOPHOMORE

SOC 1305 - ORGANIZATIONAL BEHAVIOR

Minimum Credits: 3

Maximum Credits: 3

This course stresses the sociological approach to the study of organizations. Among topics covered are organizations' nature, internal dynamics, environments, strain and change, case study analysis is used extensively.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis

SOC 1396 - MUSIC IN SOCIETY

Minimum Credits: 3

Maximum Credits: 3

"Music in Society" is a multi-perspective humanities study of musical activity in the United States. It draws on techniques and perspectives of historical studies, ethnology, music business, and professional concerns to develop a cultural and historical understanding of music in American life. The course focuses on the types of organizations and environments in which music occurs, and the function of the music in the lives of the participants.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: LVL: Sophomore

SOC 1518 - WHITE COLLAR CRIME

Minimum Credits: 3

Maximum Credits: 3

This class examines the meaning, varieties, and extent of white collar crime in America. The course investigates the developmental history of this concept, theories of white collar crime causation, specific types of white collar crime empirical and theoretical controversies surrounding white collar crime, and the probable future directions for this type of criminal behavior.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 6

The student undertakes, under specific conditions, an independent program of study, research, or creative activity usually off-campus and with less immediate and frequent guidance from the sponsoring faculty member than is typically provided in directed reading and directed research courses.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

SOC 1910 - TEACHING OF SOCIOLOGY

Minimum Credits: 1

Maximum Credits: 3

Teaching assistantship opportunities in sociology.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Spanish

SPAN 0003 - INTERMEDIATE SPANISH 3

Minimum Credits: 3

Maximum Credits: 3

This course builds on the skills acquired during the elementary sequence (either Spanish 0001 and 0002 or Spanish 0015). It includes a functional review of the basic language structures and introduces even more complex structures. The course has a strong cultural component.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: SPAN 0002 or SPAN 0042 or SPAN 0043
Course Attributes: DSAS Second Language General Ed. Requirement

SPAN 0004 - INTERMEDIATE SPANISH 4

Minimum Credits: 3

Maximum Credits: 3

A continuation of Spanish 0003. Students continue to refine their language abilities and enhance their communicative competence. The course has a strong cultural component.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0003 or equivalent

SPAN 0020 - CONVERSATION

Minimum Credits: 3

Maximum Credits: 3

The goal of this fifth-semester course is to enhance fluency and the development of oral proficiency in Spanish. Although the emphasis is on speaking and listening skills, reading and writing assignments are an important part of the syllabus. This course helps students to improve their fluency, pronunciation, and strategic competence such as paraphrasing skills, and increases their vocabulary through readings, films, digital recordings and other authentic materials.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0004 or SPAN 0044

Course Attributes: Latin American Studies, West European Studies

SPAN 0025 - GRAMMAR AND COMPOSITION

Minimum Credits: 3

Maximum Credits: 3

This course reviews Spanish grammar, and, in addition, is designed to aid the students in vocabulary building, improving their knowledge of idiomatic usage, and their ability to translate from English to Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0004 or equivalent or SPAN 0044

Course Attributes: Latin American Studies, West European Studies

SPAN 0041 - ELEMENTARY SPANISH 1

Minimum Credits: 3

Maximum Credits: 3

First of three courses designed to develop skills in speaking, listening, reading and writing in Spanish. A systematic presentation of grammar will accompany language instruction. Understanding of Spanish culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SPAN 0042 - ELEMENTARY SPANISH 2

Minimum Credits: 3

Maximum Credits: 3

Second of three courses designed to develop skills in speaking, listening, reading and writing in Spanish. A systematic presentation of grammar will accompany language instruction. Understanding of Spanish culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0041

SPAN 0043 - ELEMENTARY SPANISH 3

Minimum Credits: 3

Maximum Credits: 3

Third of three courses designed to develop skills in speaking, listening, reading and writing in Spanish. A systematic presentation of grammar will accompany language instruction. Understanding of Spanish culture is emphasized as part of language skill.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0042 with grade of C- or better

SPAN 0044 - INTERMEDIATE SPANISH

Minimum Credits: 3

Maximum Credits: 3

This course helps students transition from elementary to advanced Spanish courses through exploring topics relevant to contemporary Spain and Latin America. Students will build the vocabulary they need to discuss politics, entertainment, social life, and cultural difference. The course is focused on communication, but students are offered targeted grammar review to help support their proficiency. Assignments include exams, presentations, and individual and group projects.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: SPAN 0043

SPAN 0326 - LATIN AMERICAN FILM AND LITERATURE IN TRANSLATION

Minimum Credits: 3

Maximum Credits: 3

This course pairs contemporary literature and film to offer an in-depth look at Latin America via authentic cultural forms. We will explore how Latin American writers and filmmakers distinguish themselves from European and North American traditions, particularly from the filmmaking of Hollywood. We will connect readings and viewings to contemporary political trends in Latin America, including the intellectual push for "decolonization." The course is taught in English, and readings are in English translation. Students seeking SPAN credit must read and write in Spanish.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SU3 Elective Basis

SPAN 1010 - INTRODUCTION TO MEDICAL SPANISH

Minimum Credits: 3

Maximum Credits: 3

This course will provide basic translation and interpreting training for those who desire experience in translating the types of medical documents professional translators handle "on-the-job". Course emphasizes acquisition of practical translation skills, and introduces basic medical principles and terminology, as they are used in medical texts.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: SPAN 0044

SPAN 1030 - LATINOS IN THE UNITED STATES

Minimum Credits: 3

Maximum Credits: 3

Taught in Spanish. This course will explore the transformation of the American society, culture, and values as a consequence of the massive arrival of various ethnic groups from Latin America. First, students will explore the background of the first (native) Hispanics in the United States as well as those who arrived from Latin America as immigrants, refugees, and exiles. Then, students will learn about the ethnic and religious identity of Latinos in the United States, their influence in the media, politics, and sports, and their cultural contributions to music, films, literature, and the arts. Next, students will research and debate about three contemporary topics: 1) the Mexican-American border issues, 2) the political importance of Latin American communities, and 3) bilingualism and the use of 'Spanglish'. Lastly, during the Hispanic Heritage Month, students will have the opportunity to work as volunteers for the Latin American Cultural Union (LACU) in Pittsburgh.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: SPAN 0044 or SPAN 0004

SPAN 1088 - CITIES OF THE HISPANIC WORLD

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to several important cities in the history of the Hispanic world: medieval Salamanca and Toledo (Spain), early modern Madrid (Spain), Tenochtitlan on the eve of conquest (Mexico), colonial Potosí (Bolivia), Tetuán during the Spanish Civil War (the Spanish protectorate in Morocco), and contemporary Barcelona (Spain). This course will discuss the urban development, cultural diversity, and problems of each time and place. Literary works that display problems and solutions in each location accompany the units. The course is taught in Spanish, with readings and assignments to be completed in Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: SPAN 0044, or SPAN 0025, or SPAN 0020, or placement exam score of 400, or instructor permission

SPAN 1101 - LITERATURE FOR ADOLESCENTS IN SPANISH

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to literature for young people from several different Hispanic countries. Students improve their reading comprehension skills through scaling up from readings for elementary school age children to readings for adolescents. The class requires response papers and a final project.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

SPAN 1102 - LITERATURE FOR CHILDREN IN SPANISH

Minimum Credits: 3

Maximum Credits: 3

Students will be introduced to Children's Literature from the Spanish-speaking world. Students will explore readings from famous authors of the Hispanic tradition. Students will learn about literary analysis, interpretation, and presentation of different topics, vocabulary, and types of books and stories for children. The course is taught in Spanish, with readings and assignments to be completed in Spanish.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: Letter Grade

SPAN 1150 - INTRODUCTION TO TRANSLATION

Minimum Credits: 3

Maximum Credits: 3

This project-based course introduces students to the theory and practice of formal translation in literature, journalism, and public life. The course covers both Spanish to English and English to Spanish translation, and a significant component of the course addresses the needs of U.S. Latino population. The course is conducted in Spanish and takes a communicative approach to translation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0004 or SPAN 0020 or SPAN 0044

SPAN 1300 - SPANISH PHONETICS AND PHONEMICS

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to the study and practice of the sounds of Spanish. The overall objective of this course is to understand the sound system of Spanish as compared to English. Successful students will develop good auditory perception of Spanish and awareness of their own pronunciation, which could help to improve it.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0044 or 0020 or Instructor Permission

Course Attributes: Latin American Studies, West European Studies

SPAN 1302 - ADVANCED COMPOSITION AND STYLISTICS

Minimum Credits: 3

Maximum Credits: 3

This writing course builds upon the student's knowledge of Spanish grammar and composition. In particular attention will be given to the many syntactical and lexical usages that the foreign language learner needs to incorporate in advanced writing. The teacher will help the student improve and polish his/her individual style, with some imitation of literary models.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Latin American Studies, West European Studies, Writing Intensive Course (WRIT)

SPAN 1306 - SPECIAL TOPICS IN APPLIED LINGUISTICS

Minimum Credits: 3

Maximum Credits: 3

The goal of this course is to further develop the oral proficiency of students through authentic materials including but not limited to interviews, movies, music, newspaper articles and role-playing. Emphasis on fluency and speaking skills, although reading and writing skills will not be ignored. We will review certain grammar points but communicative competence is not measured by grammatical competence alone. Pronunciation, comprehension skills, strategic competence such as paraphrasing skills, and an extensive active vocabulary are all equally important when it comes to becoming proficient in a foreign language. Students will often work in groups and pairs so it is imperative that they be willing to interact with one another and be tolerant of one another's opinions. The instructor will rate students' oral proficiency at the beginning and end of the semester based on the ACTFL speaking proficiency guidelines. These guidelines are used nation-wide as an assessment tool to identify an individual's level of speaking competence in a foreign language.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SPAN 1321 - BUSINESS SPANISH 1

Minimum Credits: 3

Maximum Credits: 3

This course is designed to acquaint students with the essential forms and documents utilized in the Spanish business world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SPAN 1335 - SPANISH IN THE COMMUNITY

Minimum Credits: 3

Maximum Credits: 3

'Spanish in the Community' is a course designed around the United Nations Sustainable Development Goals. It is relevant to the demands of the current digital and global world as well as in curricular experiential learning. Students will learn about and discuss the Goals as well as interact with the Spanish-speaking community by taking action through "glocal" ('glo'bal and 'loc'al) initiatives. The course is intended for students seeking a minor or a major in Spanish or for students who are native speakers of Spanish but pursuing other majors. The prerequisites are SPAN 0044, SPAN 04, SPAN 0020 or instructor permission.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0004 or SPAN 0044 or SPAN 0020 or Instructor Permission

SPAN 1345 - TELEVISION IN SPANISH

Minimum Credits: 3

Maximum Credits: 3

This course helps students work toward advanced proficiency in Spanish through watching, discussing, and writing about quality television series. Students will learn about the history and aesthetics of television production in Spain and Latin America, but the primary focus will be on viewing and analyzing contemporary Spanish-language series with high production values available through such platforms as Netflix. There will be in-class and out-of-class viewing components as well as in-class and out-of-class writing. The final project involves an oral presentation on a series we did not watch as a group. The course is taught in Spanish and is aimed at students with intermediate or higher Spanish proficiency; students should have studied the language for three college semesters or the equivalent before taking the class.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0004 or SPAN 0044 or SPAN 0020 or Instructor Permission

SPAN 1400 - SURVEY LATIN AMERICAN LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course surveys the development of Latin American literature from the Cronistas to the present. Taught in Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Latin American Studies

SPAN 1403 - LATIN AMERICAN NARRATIVE

Minimum Credits: 3

Maximum Credits: 3

This course deals with the development of Latin American prose narrative as it moves from 19th century realism and naturalism in the direction of modernista and vanguardista innovations, culminating in the narrative of the boom and the post-boom. Taught in Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SPAN 1404 - LATIN AMERICAN TOPICS

Minimum Credits: 3

Maximum Credits: 3

This course deals with literary, linguistic or cultural topics, or a combination of these. Its primary emphasis is on developing an understanding of contemporary cultures in Latin America. Taught in Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0020 and SPAN 0025

Course Attributes: Latin American Studies

SPAN 1406 - U.S. LATINO LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course will focus on U.S. Latino literature. While Mexican-Americans have roots in North America that go back to colonial times, the Latino explosion has happened mainly in the last thirty years, giving rise to new processes and forms of cultural expression, including an emerging literature that is neither a subset of U.S. Literature nor an extension of modern Latin American literature, though it has connections to both. To get an idea of what this literature involves and where it is going, we will look at some representative novels, poetry, memoirs, plays and films.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Undergraduate Research

SPAN 1410 - CINEMA OF THE HISPANIC WORLD

Minimum Credits: 3

Maximum Credits: 3

Analyzes and discusses audiovisual material as a cultural tool to study sociopolitical, literary and historical topics in the Hispanic world. A diversity of films, fiction and documentary, will be presented to examine the changes of today's society and its impact in the Spanish-speaking communities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0020 or SPAN 0044

SPAN 1450 - HISPANIC LEGENDS

Minimum Credits: 3

Maximum Credits: 3

This course will provide students with an insight into the rich cultural heritage of Mexico as they explore the legends drawn from Mexico's fascinating past. The legends will reflect events from approximately 1500 years of the country's history and folklore. Readings and discussions are at the intermediate level of Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0044 or 0020 or Instructor Permission

SPAN 1600 - SURVEY OF SPANISH LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course surveys the development of Spanish literature from the twelfth century to the present. Taught in Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0020 or SPAN 0044

SPAN 1745 - STUDY ABROAD- HISTORY AND IDENTITY OF SPAIN

Minimum Credits: 1

Maximum Credits: 1

This is a 1 credit study abroad course over spring break that studies the history and identity of what it means to be Spanish in Madrid, Segovia and Granada.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

SPAN 1901 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 6

This course allows students to work in-depth in areas of their choice; evaluation is by examination or by the production of a term paper.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

SPAN 1902 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 6

This course allows students to work in depth in areas of their choice, with the approval and supervision of a faculty member, who meets regularly with the student.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Course Attributes: West European Studies

SPAN 1903 - METHODOLOGIES AND CLASSROOM TRAINING

Minimum Credits: 1

Maximum Credits: 2

This course will focus on basic teaching strategies for teachers. It focuses on instructional planning, classroom management, models of instruction, instructional technologies, and the interactive skills of classroom teaching.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Satisfactory/No Credit

SPAN 1904 - PROJECTS IN PUBLIC HUMANITIES (SPANISH)

Minimum Credits: 3

Maximum Credits: 3

Students undertake a self-designed project in Spanish that communicates some aspect of their exploration of Hispanic culture, literature, language and media to public life. Examples of successful projects include blogs, YouTube videos, creative writing, lesson plans for secondary or higher education, and translations for community organizations. Group meetings provide support and mentoring, and each student works closely with the professor to develop the individual project.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

SPAN 1905 - SPANISH FOR LAW ENFORCEMENT

Minimum Credits: 3

Maximum Credits: 3

The course presents typical everyday situations that professionals may encounter when dealing with Spanish speakers in the United States at work settings such as police stations, prisons, and on the street. It includes several topics geared towards situations such as: stopping and interviewing

drivers, reporting an accident or a robbery, finding a translator for a police interview when detaining suspects, dealing with gang members, investigating domestic abuse, connecting someone to social services, supporting victims of crimes and their families, supporting a community through policing, Etc. The course introduces practical vocabulary, everyday on-the-job situations, and cross-cultural perspectives. It also provides opportunities to apply, in a wide variety of practical contexts, the grammatical structures learned in previous beginning and intermediate Spanish courses. During the course students will participate in realistic dialogues, personalized questions, situational role-plays, and realia-based activities. They will also examine criminal cases depicted in short films as well in primary sources (newspaper articles, YouTube videos, podcasts, etc.) with the purpose of critically analyzing them.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0043

SPAN 1950 - SPANISH CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Capstone course for senior Spanish majors.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Statistics

STAT 0200 - BASIC APPLIED STATISTICS

Minimum Credits: 4

Maximum Credits: 4

This course teaches methods of descriptive and inferential statistics. Topics include data collection and description, hypothesis testing, correlation and regression the analysis of variance, and contingency tables. Students will learn how to use a statistical computer package.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Enrollment not permitted if currently or previously completed STAT 1000 or STAT 1100 or NUR 0088

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement, SCI Quantitative: Statistics GE. Req.

STAT 1000 - APPLIED STATISTICAL METHODS

Minimum Credits: 4

Maximum Credits: 4

This course is an intensive introduction to statistical methods. It is designed for students who want to do data analysis and to study further ideas in applied statistics beyond this course. The topics covered include descriptive statistics, elementary probability, random sampling, controlled experiments, hypothesis testing, regression and the analysis of variance. Emphasis will be placed on the statistical reasoning underlying the methods. Students will also become proficient at the use of a statistical software package.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: Enrollment not permitted if currently or previously completed STAT 0200 or STAT 1100 or NUR 0088

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement, SCI Quantitative: Statistics GE. Req.

STAT 1100 - STATISTICS AND PROBABILITY FOR BUSINESS MANAGEMENT

Minimum Credits: 4

Maximum Credits: 4

This is a one-term introduction to statistics and probability. Both modeling and data analysis will be emphasized. Various probability models for discrete and continuous variables will be analyzed. Inferential, descriptive and data analysis techniques will be covered with examples from

management. A statistical package will be introduced and used to conduct data analyses.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: Enrollment not permitted if currently or previously completed STAT 200 or 1000 or NUR 0088

Course Attributes: SCI Quantitative: Statistics GE. Req.

STAT 1151 - INTRODUCTION TO PROBABILITY

Minimum Credits: 3

Maximum Credits: 3

This course presents at both a theoretical and applied level the basic probability concepts required for statistical inference. Topics include set theory and basic probability, independence and Bayes' theorem, discrete random variables and their distributions--Bernoulli, Binomial, Poisson, and geometric, continuous random variables and their distributions--uniform, exponential, gamma, beta, and normal, transformation of random variables, moment and moment generating functions, multivariate discrete distribution, marginal and conditional distribution and independent variables.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: MATH 0230

Course Attributes: SCI Quantitative: Statistics GE. Req.

STAT 1152 - INTRODUCTION TO MATHEMATICAL STATISTICS

Minimum Credits: 3

Maximum Credits: 3

This course is continued from STAT 1151, Introduction to Probability, and brings together the elementary concepts of statistical inference, which are essential for advanced statistical methods. A brief review of probability theory will be provided at the beginning. Topics include functions of random variables; sampling distributions and order statistics; methods of point and interval estimation for variances and differences in two means and proportions; properties of estimators and their applications; theory and applications of hypothesis testing including the Neyman-Pearson lemma, power function of a test, and likelihood ratio tests; regression; and analysis of variance.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: STAT 1151

Course Attributes: SCI Quantitative: Statistics GE. Req.

STAT 1221 - APPLIED REGRESSION

Minimum Credits: 3

Maximum Credits: 3

This course covers simple linear regression (one variable) and one way analysis of variance followed by more complicated regression models. More complex ANOVA models are treated if time permits. Some computer applications will usually be considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: STAT 0200 or STAT 1000 or STAT 1100 or NUR 0088

Course Attributes: Capstone Course

STAT 1251 - STATISTICAL QUALITY CONTROL

Minimum Credits: 3

Maximum Credits: 3

This course is involved with statistical methods for quality and process control. It is intended for all students who will use statistics in an industrial setting. Introductory topics include probability models and statistical estimation for quality. The main focus will be on control charts and tolerances. Acceptance sampling will also be discussed. A final but quite important topic will be Taguchi methods.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: STAT 0200 or STAT 1000 or STAT 1100

STAT 1261 - PRINCIPLES OF DATA SCIENCE

Minimum Credits: 3

Maximum Credits: 3

This course is a gentle introduction to data science. Data science is an emerging interdisciplinary field stemming from statistics, mathematics and computer science. At its core, data science involves using automated methods to analyze massive amounts of data and to extract knowledge from them. The objective of this course is to provide students with a principled introduction to data science that properly combines inferential thinking and computational thinking. Students will learn the fundamental pipeline of data science, ranging from data acquisition, data clean-up, data exploration and visualization, modeling and inference, to professional reporting.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: STAT 0200 or STAT 1000 or STAT 1100

STAT 1851 - PRACTICUM IN DATA ANALYTICS

Minimum Credits: 3

Maximum Credits: 3

Students will be introduced to learning modules, based on various topics in data analytics, in preparation for projects, internships, or job experiences. Students will develop the skills necessary to understand, interpret, and analyze data based on multi-disciplinary approaches in data analytics.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: STAT 1221 and CS 0405 and INFSCI 1022

STAT 1900 - INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Under faculty supervision the student participates in a statistics project.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: H/S/U Basis

Course Attributes: Capstone Course, Undergraduate Internship

STAT 1901 - INTERNSHIP FOR DATA ANALYTICS

Minimum Credits: 3

Maximum Credits: 3

Student participates in a related project or job experience through supervised work in a statistics/information science environment. This will provide a frame of reference for understanding and an opportunity to apply the skills, methodologies, and theories presented in data analytics courses.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Requirements: PREQ: STAT 1851 or INFSCI 1851 and Instructor Approval

STAT 1902 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 9

With approval from an instructor, the student will participate in a program of directed study in statistics or probability.

Academic Career: Undergraduate

Course Component: Directed Studies
Grade Component: LG/SNC Elective Basis
Course Attributes: Capstone Course

STAT 1951 - DATA ANALYTICS CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Students will be preparing and presenting research. This course is designed for students to learn how to solve real-world problems and see a project through from start to finish. The course will also allow students to gain hands-on experience, build skills in requirements, increase experience in project management, and develop interpersonal skills under the guidance of faculty. Performance will be evaluated and graded based on the overall project success and assessments from collaborators, faculty, and student peer reviews.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: INFSCI 1901 or STAT 1901

STAT 1955 - UNDGR TCHNG UNDGR INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Teaching assistantship opportunities in statistics.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Studio Arts

SA 0050 - INTRODUCTION 2D & 3D MODELING

Minimum Credits: 3

Maximum Credits: 3

Introduces the 2D and 3D modeling software Google SketchUp. Google SketchUp has a variety of applications, including: architecture, interior design, urban planning, 3D printing, landscape architecture, game design, film design, stage set and prop design, exhibit design, and models/reconstructions of art and architectural spaces. The goals of this class are for you to learn the basics of using Google SketchUp, its various applications, and possibilities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SA 0110 - VISUAL THINKING

Minimum Credits: 3

Maximum Credits: 3

Visual Thinking offers an introduction and insight into the process and practice of creating visual art. The subject is explored by making images supported by lectures, discussions, and critiques. Students are introduced to the dynamics of composition, relationships of form and content, principles of color, visual analysis, and creative problem-solving. The course also seeks to provide some experience with a variety of media, develop skills in observation and technique, and encourage personal engagement in solving visual problems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Creative Work General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

SA 0120 - PAINTING STUDIO 1

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to oil painting that emphasizes color mixing, painting techniques, and composition. The purpose of the course is to promote sensitivity to color interaction, advance technical and compositional skills, and provide a basis for creative growth and expression.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Creative Work General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

SA 0130 - DRAWING STUDIO 1

Minimum Credits: 3

Maximum Credits: 3

This course provides a comprehensive introduction to observational drawing. The coursework follows a sequence of exercises in various media that introduce basic drawing skills, techniques, and composition through observation and analysis of natural and manufactured forms. The course culminates with an introduction to the human figure.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Creative Work General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

SA 0180 - DIGITAL STUDIO: PHOTOGRAPHY 1

Minimum Credits: 3

Maximum Credits: 3

Digital Studio:Photography introduces students to the technical, conceptual, and expressive potential of digital photography as an art form. Emphasis will be placed on creative use of digital cameras and software to conceptualize and translate ideas into meaningful images. Projects will be assigned in order to advance technical skills and develop new insights and approaches to image making. Students will begin to develop an individual voice as an artist by exploring and questioning the use of photography in their work; giving special attention to its conceptual and historical underpinnings, and its material form.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Creative Work General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

SA 1050 - ADVANCED TOPICS IN 2D AND 3D MODELING

Minimum Credits: 3

Maximum Credits: 3

This class expands on the basic the 2D and 3D modeling principles found in the Trimble SketchUp software. The workplace SketchUp applications are numerous and can be utilized across disciplines to visually communicate a desired structure, object, landscape, gamescape, set design, or historic recreation. The goals of this class are for you to gain additional SketchUp knowledge and understand and utilize the continually evolving nature of extensions and high-level rendering packages to create realistic models, and to explore the functional efficiency of various applications and possibilities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SA 0050 or Instructor Permission

SA 1220 - PAINTING STUDIO 2

Minimum Credits: 3

Maximum Credits: 3

This course is a comprehensive exploration of painting techniques and concepts designed to expand awareness of the craft of painting and expose students to issues relevant to contemporary painting. Students have the option to work with either oil or acrylic paints. The course concludes with the development of a self-directed painting project.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

SA 1280 - DIGITAL STUDIO: PHOTOGRAPHY 2

Minimum Credits: 3

Maximum Credits: 3

Digital Studio: Photography 2 is centered around creating photographic images and an advanced inquiry into contemporary photographic practices and discourse. The course builds on the knowledge, skills, and ideas practiced in Digital Studio: Photography 1 while introducing advanced shooting techniques and an in-depth exploration of digital printing and modes of presentation. Early shooting exercises will ask you to experiment with different ways of seeing and thinking about image making and to discover uncharted photographic territory both literally and psychologically. You will be expected to create new images weekly, generating contact sheets and prints on a regular basis. The second half of the semester will give you the opportunity to develop a final project where content and form is determined by your personal interests.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Undergraduate Research

SA 1520 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 3

Course content to be decided between professor and student.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Theatre Arts

THEA 0100 - THEATRE PRACTICUM: BASIC STAGECRAFT

Minimum Credits: 3

Maximum Credits: 3

The technical work on a play. Students learn backstage jobs such as the following: assistant director, stage manager, lighting, sound, props, publicity, costumes, makeup, and set construction. A student needs no theatrical experience in order to take this course.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

THEA 0103 - THEATRE PRACTICUM: PERFORMANCE

Minimum Credits: 1

Maximum Credits: 3

Students learn how to perform in a theatrical production by developing a system for character development, line memorization, rehearsals, and all the other production systems. A student needs no theatrical experience in order to try out for a role.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

THEA 0104 - BASIC ACTING

Minimum Credits: 3

Maximum Credits: 3

The first part of this course is devoted to theatrical games and improvisation with the second part structured around scene work. Students are

introduced to beginning exercises, role analysis, and scene work.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

THEA 0110 - DRAMA ON FILM

Minimum Credits: 3

Maximum Credits: 3

This course examines the impact of theatre on film. By examining various films in the context of a particular theme or genre, students would examine and analyze the adaptations of dramatic works into film, or the use of certain themes in the creation of films.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

THEA 0270 - PRINCIPLES OF LIGHTING DESIGN

Minimum Credits: 3

Maximum Credits: 3

This course is a practical introduction to the equipment, theories, and application of lighting for the stage. Through classroom and hands on work students will learn the basic concepts of using theatrical lighting and the basic qualities of light to create mood, shift focus and enhance the overall theatrical experience. Students will gain practical experience through individual projects and by doing work on theatre department productions. No previous experience is necessary.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

THEA 0505 - ENJOY PERFORMANCES

Minimum Credits: 3

Maximum Credits: 3

We are always and everywhere performing. We produce plays and inhabit other places and times. We participate in religious rituals. We occupy public and virtual spaces to protest political injustice. We invest significant time, labor, and energy in managing our social identities. And when we work, if we work, we receive performance reviews. This course engages performance as lens for exploring embodiment, representation, identity, and history. Drawing upon the breadth and depth of performance studies as an interdisciplinary field of inquiry over the past half-century, this course will introduce students to performance as both a subject and method of humanistic inquiry. Through lectures, discussions, and performance analysis exercises we will explore what a performance studies perspective enables us to understand anew.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS The Arts General Ed. Requirement, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Humanistic GE. Req.

THEA 0725 - WOMEN IN THEATRE

Minimum Credits: 3

Maximum Credits: 3

This course examines the role of women in theater. By exploring the history of women in theatre, works by female playwrights of diverse backgrounds and the contributions of female performers, directors, critics and designers, students will analyze and examine the relationships among sexism, racism, classicism and how it plays out in the world of theatre.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

THEA 0805 - INTRODUCTION TO THEATRE ARTS - PART 1

Minimum Credits: 3

Maximum Credits: 3

A historical survey of theatre history and dramatic literature, focusing on the period of the Greeks to the renaissance. Students will be exposed to the major theatrical traditions and conventions, theatre practitioners and dramatic texts of world theatre history.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

THEA 0806 - INTRODUCTION TO THEATRE ARTS - PART 2

Minimum Credits: 3

Maximum Credits: 3

A historical survey of theatre history and dramatic literature, focusing on the period of the baroque to the modern. Students will be exposed to the major theatrical traditions and conventions, theatre practitioners, and dramatic texts of world theatre history.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

THEA 0850 - INTRODUCTION TO SHAKESPEARE

Minimum Credits: 3

Maximum Credits: 3

This course introduces the student to Shakespeare as a playwright, that is, a maker of plays for the stage. The objective of this course is to discover how they work on us as an audience. The actual work of the course is close reading of and interaction with the plays, observation and analysis of film and theatrical treatments of Shakespeare's work, as well as examining the cultural and historical context in which these plays were written and have been subsequently produced.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Literature General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

THEA 1103 - ACTING 2

Minimum Credits: 3

Maximum Credits: 3

Acting II builds on the work of Acting I with a deeper exploration of character development and advanced acting skills by challenging the student with texts from plays written and/or originally set during the Industrial era to the Modern era. This course goes beyond simply exploring the works of early twentieth century playwrights but also examines contemporary adaptations of the original work. Playwrights explored (but not limited to) are Ibsen, Chekhov, Regina Taylor, Aaron Posner, Oyama, Tanya Saracho and others. In addition, by using exercises developed by various practitioners and responding and reacting to the Stanislavski system, students will explore character through textual analysis and physicality. Students will perform character projects and strengthen rehearsal techniques by working on scenes that inhabit more complex language from an earlier period of history. Prerequisites: Introduction to Performance and/or Acting I

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: THEA 0104

THEA 1115 - DIRECTING ON THE STAGE

Minimum Credits: 3

Maximum Credits: 3

Through scenes and working with actors, students will learn about the overall responsibility of the director. How to bring unity to a production by coordinating the efforts of contributing artists. We will learn about artistic vision, different director's theories, styles and discover the choices that are made and changed throughout the rehearsal process. Their final work will be open to the public at the end of the semester.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis

THEA 1365 - PLAYWRITING 1

Minimum Credits: 3

Maximum Credits: 3

This is a beginning course in the craft of playwriting. Students will read eight outside plays, will write seven scripts--the last of which is a one-act--and will critique, read aloud, and discuss the work of others in the class. Seminar/workshop style. Attendance is mandatory. Recommended: two courses from among the following three areas performance, dramatic literature, creative writing.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Writing Intensive Course (WRIT)

THEA 1900 - INDEPENDENT STUDY

Minimum Credits: 1

Maximum Credits: 6

The terms of the student's independent study will be agreed upon by the instructor and the student.

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: LG/SNC Elective Basis

Course Attributes: Capstone Course

THEA 1955 - VISUAL AND PERFORMING ARTS CAPSTONE

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: HAA 0010 and 0030 and MUSIC 0222 and 0224 and THEA 0805 and 0806 and HUMAN 1140; LVL: Senior

Westmoreland Community College

WCC 0201 - WCCC

Minimum Credits: 1

Maximum Credits: 6

Cross-registration with Westmoreland County Community College.

Academic Career: UGRD

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

WCC 0202 - WCCC

Minimum Credits: 1

Maximum Credits: 6

Cross-registration with Westmoreland County Community College.

Academic Career: UGRD

Course Component: Lecture

Grade Component: LG/SNC Elective Basis