

University Catalog

2021-2022



University of
Pittsburgh
Titusville

Academic Calendar



University of Pittsburgh

ACADEMIC CALENDAR • 2021-22

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, and Joseph M. Katz Graduate School of Business, as well as graduate programs with specialized accreditation requirements 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 2021

Begins			Ends		Campus
8/7/2021	Saturday	Summer 12-WEEK, 6-WEEK-2, 4-WEEK-3 sessions end: Final examinations scheduled during last class meeting	8/7/2021	Saturday	All Campuses
8/11/2021	Wednesday	Summer 12-WEEK, 6-WEEK-2, 4-WEEK-3 sessions grades must be approved by instructors by 11:59 p.m.	8/11/2021	Wednesday	Pittsburgh Campus
8/14/2021	Saturday	Official date for awarding degrees	8/14/2021	Saturday	All Campuses
8/14/2021	Saturday	Summer Term Ends: Final examinations scheduled during last class meeting	8/14/2021	Saturday	All Campuses
8/15/2021	Sunday	Residence halls close	8/15/2021	Sunday	Pittsburgh Campus
8/16/2021	Monday	International Undergraduate Student Orientation	8/20/2021	Friday	Pittsburgh Campus
8/16/2021	Monday	Office of International Services (OIS) Graduate and Professional Student Orientation	8/16/2021	Monday	Pittsburgh Campus
8/18/2021	Wednesday	Summer Term grades must be approved by instructors	8/18/2021	Wednesday	

		by 11:59 p.m.			Pittsburgh Campus
8/19/2021	Thursday	New Faculty Orientation	8/19/2021	Thursday	Pittsburgh Campus
8/20/2021	Friday	New Teaching Assistant Orientation	8/20/2021	Friday	Pittsburgh Campus
8/22/2021	Sunday	Welcome Week	8/26/2021	Thursday	Pittsburgh Campus
8/24/2021	Tuesday	New Graduate and Professional Student Orientation	8/24/2021	Tuesday	Pittsburgh Campus
8/25/2021	Wednesday	New First-Year and Transfer Undergraduate Student Convocation	8/25/2021	Wednesday	Pittsburgh Campus
8/27/2021	Friday	Fall Term enrollment period ends for all students	8/27/2021	Friday	All Campuses
8/27/2021	Friday	Fall Term classes begin	8/27/2021	Friday	All Campuses

September 2021

Begins			Ends		Campus
9/1/2021	Wednesday	Faculty Assembly	9/1/2021	Wednesday	Pittsburgh Campus
9/6/2021	Monday	Labor Day (University closed)	9/6/2021	Monday	All Campuses
9/9/2021	Thursday	Senate Council	9/9/2021	Thursday	Pittsburgh Campus
9/10/2021	Friday	Fall Term add/drop period ends	9/10/2021	Friday	All Campuses
9/11/2021	Saturday	Fall Term extended drop period begins (Undergraduate Students Only)	9/11/2021	Saturday	All Campuses (Guidelines)
9/17/2021	Friday	Constitution Day	9/17/2021	Friday	Pittsburgh Campus
9/17/2021	Friday	Fall Term extended drop period ends (Undergraduate Students Only)	9/17/2021	Friday	All Campuses
9/23/2021	Thursday	Homecoming Activities	9/26/2021	Sunday	Pittsburgh Campus

October 2021

Begins			Ends		Campus
10/6/2021	Wednesday	Faculty Assembly	10/6/2021	Wednesday	Pittsburgh Campus
10/14/2021	Thursday	Senate Council	10/14/2021	Thursday	Pittsburgh Campus
10/15/2021	Friday	Fall Break for students (No Classes)	10/15/2021	Friday	All Campuses
10/22/2021	Friday	Spring Term enrollment appointments begin (Veteran Students)	10/22/2021	Friday	All Campuses
10/25/2021	Monday	Spring Term enrollment appointments begin (Non-Veteran Students)	10/25/2021	Monday	All Campuses
10/29/2021	Friday	Family Weekend	10/30/2021	Saturday	Pittsburgh Campus
10/29/2021	Friday	Fall Term deadline for students to submit Monitored Withdrawal forms to Dean's Office	10/29/2021	Friday	All Campuses
10/29/2021	Friday	Final Exam Conflict Form Submission Deadline	10/29/2021	Friday	All Campuses (Guidelines)

November 2021

Begins			Ends		Campus
11/3/2021	Wednesday	Faculty Assembly	11/3/2021	Wednesday	Pittsburgh Campus
11/5/2021	Friday	Last day for Spring Term enrollment appointments	11/5/2021	Friday	All Campuses
11/6/2021	Saturday	Spring Term open enrollment begins	11/6/2021	Saturday	All Campuses
11/11/2021	Thursday	Senate Council	11/11/2021	Thursday	Pittsburgh Campus
11/21/2021	Sunday	Thanksgiving Recess for students (no classes), all schools	11/28/2021	Sunday	All Campuses
11/25/2021	Thursday	Thanksgiving Recess for faculty and staff (University closed)	11/26/2021	Friday	All Campuses
11/29/2021	Monday	Classes resume (all schools)	11/29/2021	Monday	All Campuses

December 2021

Begins			Ends		Campus
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12/1/2021	Wednesday	Faculty Assembly	12/1/2021	Wednesday	Pittsburgh Campus
12/9/2021	Thursday	Senate Council	12/9/2021	Thursday	Pittsburgh Campus
12/10/2021	Friday	Fall Term: Last day for undergraduate day classes	12/10/2021	Friday	All Campuses
12/11/2021	Saturday	Reading Day	12/11/2021	Saturday	All Campuses
12/11/2021	Saturday	CGS, Saturday only, graduate, and evening classes will continue to meet during this time; final exams last class meeting	12/18/2021	Saturday	Pittsburgh Campus
12/13/2021	Monday	Final examination period for undergraduate day classes	12/17/2021	Friday	Pittsburgh Campus
12/18/2021	Saturday	Fall Term Ends: Official date for degrees awarded in Fall Term	12/18/2021	Saturday	All Campuses
12/19/2021	Sunday	Winter Recess for students (no classes), all schools	1/9/2022	Sunday	All Campuses
12/19/2021	Sunday	Residence halls close	12/19/2021	Sunday	Pittsburgh Campus
12/20/2021	Monday	Fall Term grades must be approved by instructors by 11:59 p.m.	12/20/2021	Monday	Pittsburgh Campus
12/23/2021	Thursday	Winter Recess for faculty, staff, & designated offices. Responsibility centers & research projects staffed as necessary.	1/2/2022	Sunday	All Campuses

January 2022

Begins			Ends		Campus
12/19/2021	Sunday	Winter Recess for students (no classes), all schools	1/9/2022	Sunday	All Campuses
12/23/2021	Thursday	Winter Recess for faculty, staff, & designated offices. Responsibility centers & research projects staffed as necessary.	1/2/2022	Sunday	All Campuses
1/3/2022	Monday	New Year's Day Observed (University Holiday)	1/3/2022	Monday	All Campuses
1/4/2022	Tuesday	All University offices and buildings reopen	1/4/2022	Tuesday	All Campuses
1/8/2022	Saturday	Residence halls reopen	1/8/2022	Saturday	Pittsburgh Campus
1/10/2022	Monday	Spring Term enrollment period ends for all students	1/10/2022	Monday	All Campuses

1/10/2022	Monday	Spring Term classes begin	1/10/2022	Monday	All Campuses
1/17/2022	Monday	Dr. Martin Luther King's birthday observance (University closed)	1/17/2022	Monday	All Campuses
1/21/2022	Friday	Spring Term add/drop period ends	1/21/2022	Friday	All Campuses
1/22/2022	Saturday	Spring Term extended drop period begins (Undergraduate Students Only)	1/22/2022	Saturday	All Campuses (Guidelines)
1/28/2022	Friday	Spring Term extended drop period ends (Undergraduate Students Only)	1/28/2022	Friday	All Campuses

February 2022

Begins			Ends		Campus
2/11/2022	Friday	Summer Term open enrollment begins (Veteran Students)	2/11/2022	Friday	All Campuses
2/14/2022	Monday	Summer Term open enrollment begins (Non-Veteran Students)	2/14/2022	Monday	All Campuses
2/25/2022	Friday	Faculty Honors Convocation	2/25/2022	Friday	All Campuses

March 2022

Begins			Ends		Campus
3/6/2022	Sunday	Spring Recess for students (no classes); offices and buildings remain open, except on Friday, Spring Holiday	3/13/2022	Sunday	All Campuses
3/11/2022	Friday	University's observance of Spring Holiday (University closed)	3/11/2022	Friday	All Campuses
3/18/2022	Friday	Fall Term enrollment appointments begin (Veteran Students)	3/18/2022	Friday	All Campuses
3/18/2022	Friday	Final Exam Conflict Form Submission Deadline	3/18/2022	Friday	All Campuses (Guidelines)
3/18/2022	Friday	Spring Term deadline for students to submit Monitored Withdrawal forms to Dean's Office	3/18/2022	Friday	All Campuses
3/21/2022	Monday	Fall Term enrollment appointments begin (Non-Veteran Students)	3/21/2022	Monday	All Campuses

April 2022

Begins			Ends		Campus
4/1/2022	Friday	Last day for Fall Term enrollment appointments	4/1/2022	Friday	All Campuses
4/2/2022	Saturday	Fall Term open enrollment period begins	4/2/2022	Saturday	All Campuses

4/5/2022	Tuesday	Graduate and Post-Doctoral Honors Convocation	4/5/2022	Tuesday	Pittsburgh Campus
4/22/2022	Friday	Spring Term: Last day for undergraduate day classes	4/22/2022	Friday	All Campuses
4/23/2022	Saturday	Reading Day	4/23/2022	Saturday	All Campuses
4/23/2022	Saturday	CGS, Saturday Only, graduate, and evening classes meet during this period; final exams held during last scheduled class	4/30/2022	Saturday	Pittsburgh Campus
4/25/2022	Monday	Final examination period for undergraduate day classes	4/29/2022	Friday	Pittsburgh Campus
4/30/2022	Saturday	Spring Term Ends: Official date for degrees awarded in Spring Term	4/30/2022	Saturday	All Campuses
4/30/2022	Saturday	Senior Honors Convocation	4/30/2022	Saturday	Pittsburgh Campus

May 2022

Begins			Ends		Campus
5/1/2022	Sunday	Annual Undergraduate Commencement Convocation	5/1/2022	Sunday	Pittsburgh Campus
5/1/2022	Sunday	Residence halls close (except for graduating seniors)	5/1/2022	Sunday	Pittsburgh Campus
5/4/2022	Wednesday	Spring Term grades must be approved by instructors by 11:59 p.m.	5/4/2022	Wednesday	Pittsburgh Campus
5/8/2022	Sunday	Summer Term Residence halls open	5/8/2022	Sunday	Pittsburgh Campus
5/9/2022	Monday	Summer Term enrollment period ends and classes begin	5/9/2022	Monday	All Campuses
5/16/2022	Monday	Summer 12-WEEK, 6-WEEK-1, 4-WEEK-1 sessions enrollment period ends and classes begin	5/16/2022	Monday	All Campuses
5/18/2022	Wednesday	Summer 4-WEEK-1 and 6-WEEK-1 sessions add/drop period ends	5/18/2022	Wednesday	All Campuses
5/20/2022	Friday	Summer Term add/drop period ends	5/20/2022	Friday	All Campuses
5/23/2022	Monday	Summer 12-WEEK session add/drop period ends	5/23/2022	Monday	All Campuses

5/28/2022	Saturday	Official date for degrees awarded in the School of Law and School of Dental Medicine	5/28/2022	Saturday	Pittsburgh Campus
5/30/2022	Monday	Memorial Day (University closed)	5/30/2022	Monday	All Campuses

June 2022

Begins			Ends		Campus
6/1/2022	Wednesday	Summer 4-WEEK-1 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	6/1/2022	Wednesday	All Campuses
6/3/2022	Friday	Summer 6-WEEK-1 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	6/3/2022	Friday	All Campuses
6/11/2022	Saturday	Summer 4-WEEK-1 session ends: Final examinations scheduled during last class meeting	6/11/2022	Saturday	All Campuses
6/13/2022	Monday	Summer 4-WEEK-2 session enrollment period ends and classes begin	6/13/2022	Monday	All Campuses
6/15/2022	Wednesday	Summer 4-WEEK-2 session add/drop period ends	6/15/2022	Wednesday	All Campuses
6/15/2022	Wednesday	Summer 4-WEEK-1 session grades must be approved by instructors by 11:59 p.m.	6/15/2022	Wednesday	Pittsburgh Campus
6/25/2022	Saturday	Summer 6-WEEK-1 session ends: Final examinations scheduled during last class meeting	6/25/2022	Saturday	All Campuses
6/25/2022	Saturday	Official date for awarding of degrees	6/25/2022	Saturday	All Campuses
6/27/2022	Monday	Summer 6-WEEK-2 session enrollment period ends and classes begin	6/27/2022	Monday	All Campuses
6/29/2022	Wednesday	Summer 6-WEEK-2 session add/drop period ends	6/29/2022	Wednesday	All Campuses
6/29/2022	Wednesday	Summer 6-WEEK-1 session grades must be approved by instructors by 11:59 p.m.	6/29/2022	Wednesday	Pittsburgh Campus
6/29/2022	Wednesday	Summer 4-WEEK-2 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	6/29/2022	Wednesday	All Campuses

July 2022

Begins			Ends		Campus
7/4/2022	Monday	Independence Day (University Closed)	7/4/2022	Monday	All Campuses
7/8/2022	Friday	Summer Term and 12-WEEK session deadline for students to submit Monitored Withdrawal forms to Dean's Office	7/8/2022	Friday	All Campuses
7/9/2022	Saturday	Summer 4-WEEK-2 session ends: Final examinations scheduled during last class meeting	7/9/2022	Saturday	All Campuses

7/11/2022	Monday	Summer 4-WEEK-3 session enrollment period ends and classes begin	7/11/2022	Monday	All Campuses
7/13/2022	Wednesday	Summer 4-WEEK-3 session add/drop period ends	7/13/2022	Wednesday	All Campuses
7/13/2022	Wednesday	Summer 4-WEEK-2 session grades must be approved by instructors by 11:59 p.m.	7/13/2022	Wednesday	Pittsburgh Campus
7/22/2022	Friday	Summer 6-WEEK-2 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	7/22/2022	Friday	All Campuses
7/27/2022	Wednesday	Summer 4-WEEK-3 session deadline for students to submit Monitored Withdrawal forms to Dean's Office	7/27/2022	Wednesday	All Campuses

August 2022

Begins			Ends		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
8/17/2022	Wednesday	Summer Term grades must be approved by instructors by 11:59 p.m.	8/17/2022	Wednesday	Pittsburgh Campus

Events calendar powered by 25Live

Printed: Wednesday, October 27, 2021 at 6:03 AM PDT

Calendar events displayed in Eastern Daylight Time

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Catalog Home

Search Programs, Courses & Policies

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, as fully explained in Policy 07-01-03, 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. This policy applies to admissions, employment, 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.

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 Policy 07-01-03. For information on how to file a complaint under this policy, please refer to Procedure 07-01-03.

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Catalog Help

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About the University of Pittsburgh at Titusville

The University of Pittsburgh at Titusville (Pitt-Titusville) is a regional campus of the University of Pittsburgh. Currently, it offers an Associate Degree in Nursing. Pitt-Titusville also provides a cultural event series, lecture series, and community service projects, as part of its mission to serve the region as an educational, cultural, and economic resource.

The campus is in northwestern Pennsylvania in the pleasant residential city of Titusville. The city's historic significance, as the site of the first commercially successful oil well, brings countless visitors to the area throughout the year. The University of Pittsburgh affiliation, the excellent physical environment, and the small class sizes combine to make Pitt-Titusville an especially favorable setting for new college students. Pitt-Titusville offers the unique combination of small-school atmosphere and the resources, diversity, and prestige of a major research university.

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.

Educational Mission

The University of Pittsburgh at Titusville provides students with a quality educational experience offered in a supportive environment conducive to learning, self-discipline, and mutual respect. Pitt-Titusville combines the advantages of a small college with the resources of an internationally renowned institution by:

1. Providing a point of access to the instructional and research facilities of the University of Pittsburgh for northwest Pennsylvania;
2. Offering an excellent undergraduate curriculum in Nursing with an emphasis on personalized attention to students;
3. Serving as an educational, cultural and economic resource for northwest Pennsylvania.

The Titusville Community

Titusville is a small city in the foothills of the Allegheny Mountains with a distinctive place in world history. Col. Edwin L. Drake drilled the first commercial oil well here in 1859, making Titusville the birthplace of the oil industry and the center of early developments in petroleum technology. The Drake Well Museum, within walking distance of campus, preserves that rich technological and cultural history.

Today, Titusville is permanent home to about 5,000 people. It is an attractive residential community. Its tree-lined streets and stately homes mark its heritage and provide a pleasant environment in which to study and work. Located about 40 miles south of Erie and 90 miles north of Pittsburgh, Titusville is a gateway to outdoor recreational activities such as hunting, fishing, boating, swimming, canoeing, skiing, golfing, hiking, biking, and horseback riding. Just minutes from campus, for example, is Oil Creek State Park, which covers 6,400 acres and offers a 10-mile paved biking path, and the city-owned par course exercise trail. Though small, Titusville is large enough to offer a variety of stores, banks, churches, restaurants, and lodging facilities.

Buildings and Facilities

The Titusville Campus, located on and adjacent to the former McKinney Estate, offers modern comfort and convenience in a traditional residential setting. The beautiful, compact campus is a vital academic and educational resource to the surrounding community. All facilities on campus offer wireless network access.

McKinney Hall, built in 1870, houses Hub administrative offices, as well as classrooms.

Bennett Davis Hall, formerly the carriage house of the estate, now houses the Pitt-Titusville Offices of Admissions, Financial Aid, Student Services, Office of Human Resources, and Office of Business Affairs.

The Haskell Memorial Library building is also on land originally part of the McKinney Estate. This building houses classrooms, faculty offices and the Haskell Library that houses the campus collection of books and periodicals. Currently, Haskell Library holds nearly 44,000 volumes and

subscribes to more than 200 periodicals, from professional journals to magazines of general interest. CD-ROM databases and workstations have been added to complement traditional library information resources. The library also offers microfilm reading and copying equipment. These represent only a small portion of the resources available to Pitt-Titusville students. Haskell Library is linked to the 27 libraries in the Pitt system through PITT CAT Plus, an online computer catalog that allows easy access to the University's collection of more than 6,700,000 volumes (including microforms) and over 25,000 subscriptions. Pitt-Titusville students can also access numerous computerized databases and, through interlibrary loan networks, can gather data from major research libraries in the United States and abroad.

The \$5 million **Broadhurst Science Center** opened in 1998. The 32,000-square-foot structure, renovated in 2021, offers state of the art Nursing laboratories and classrooms, science and computer laboratories and faculty offices, all with 21st century learning technologies. The building features a 417-seat theater/auditorium used for events that enrich the life of the campus and surrounding communities.

Adjacent to the above group of buildings is the **J. Curtis McKinney II Student Union/Gymnasium**. The building offers a full-size gymnasium and an auxiliary gym. The newest addition to the building is McKinney Commons, an 8,100 square-foot dining facility. The dining area includes a Wood Stone Oven and a cutting edge service area with cook-to-order stations offering a wide variety of food choices. The building also houses several classrooms and administrative offices.

Behind the student union/gymnasium stands **Spruce Hall**. The residence hall is under development to provide different types of housing for students.

Dining Services

Dining hall hours are Monday-Thursday, 10:00 a.m. to 6:00 p.m.; Friday 10:00 a.m. to 3 p.m.; closed on Saturday, Sunday, and holidays. Per meal food service is also available to commuter students, faculty and staff.

Student Organizations

The Student Organization of the Pitt-Titusville Nursing Program is the only recognized student organization on campus.

Recreational Activities

Recreational activities are available on campus and in the area. Options include the Auxiliary Gym with weight-lifting and exercise equipment, the Gym with basketball hoops, the Game Room, an outdoor sand volleyball court, as well as bicycles available to use on campus. There are trails in the area for walking, running, and biking.

Admissions

Bennett Davis Hall
504 East Main Street
Titusville, PA 16354
Phone: 814-827-4509
Phone toll-free: 888-878-0462
Fax: 814-827-4519
E-mail: uptadm@pitt.edu

The University of Pittsburgh at Titusville (Pitt-Titusville) seeks applicants interested in building a strong academic foundation in a personalized campus setting. University programs focus on the first two years of college and prepare students for direct career entry upon completion of associate degrees or successful relocation and completion of four-year, baccalaureate degree programs.

Each application to Pitt-Titusville is evaluated individually by the Admissions Committee. In addition to scholastic achievement, the Committee considers co- and extracurricular involvement, leadership, special interests and talents, performance on college entrance examinations, personal motivation, and perceived ability for success at Pitt-Titusville. The Admissions Committee seeks to identify and admit candidates who will benefit from and contribute to the diversity of the Pitt-Titusville student body.

Any student with a high school diploma or its equivalent may apply for admission to an associate degree program at Pitt-Titusville.

Admission Procedure

All high school graduates, equivalency diploma recipients, and transfer students interested in pursuing nursing education at Pitt-Titusville and applying for admission to full-time study or degree-seeking part-time study must file an application for admission. Applications are provided by the Office of Admissions, or they can be submitted electronically at www.titusville.pitt.edu. Once admitted, students will receive information about orientation and registration.

Applicants for admission to the University of Pittsburgh at Titusville should submit the following materials to the Pitt-Titusville Office of Admissions:

1. Pitt-Titusville application form
2. Official high school transcript
3. Scholastic Aptitude Test (SAT) or American College Testing Program (ACT) scores
4. **Transfer applicants** must also submit official academic transcripts from each college attended.

In addition, the following items, while not required, will be considered by the Admissions Committee, and applicants are encouraged to include these optional items:

1. Admissions interview
2. References/letters of recommendation
3. Essay/personal statements

Transfer Credits

Students who have taken credits at other colleges or universities may be able to apply them toward one of Pitt-Titusville's associate degrees. However, not all credits will transfer, and only a maximum of 30 credits will be accepted toward completion of the degree. Evaluation of transcripts for transfer into an associate degree program will be made by the Campus Dean on an individual basis. It should also be noted that the final 30 credits of the degree must be completed in residence at the Titusville campus.

Campus Visit

Appointments for interviews and campus visits, although not required, are encouraged. The purpose of the campus visit is to allow student candidates and their families an opportunity to gain first-hand knowledge of the programs, facilities, admission policies, and campus environment. Interviews and visits may be scheduled weekdays between 9 a.m. and 3 p.m. throughout the year.

Admission Requirements

All applicants for admission to the University of Pittsburgh at Titusville must graduate from an accredited secondary school or hold an equivalency diploma; submit 15 units of secondary school credit; and submit scores from one of the following: the Scholastic Aptitude Test (SAT) or the American College Testing Program (ACT). Test requirements may be waived in special circumstances where the student has been out of school for a number of years. Recommended preparation includes:

English	4 units
Algebra	1 unit
Plane Geometry or Algebra II	1 unit
History	1 unit
Laboratory Science	1 unit
Academic Electives	7 units
Total	15 units

Applicants for the Nursing program have additional admission requirements. Contact the Office of Admissions or the Nursing Program office for full details.

Advanced Placement

The University accepts advanced placement credits according to the following schedule:

Exam Code	Description	Score	Credits For	Credits
ADAP	Studio Art - Drawing	4,5	SA 0130	3
AHAP	Art History	3,4,5	HA&A 0010	3
AMAP	U.S. History	4,5	HIST 0600 or 0601	3
BSAP	Biology	4	BIOSC 0050, 0150	4
		5	BIOSC 0050, 0150, 0060, 0160	8
CAAP	Computer Science A	3, 4, 5	CS 0131	3
CBAP	Computer Science AB	3, 4, 5	CS 0131	3
CHAP	Chemistry	3, 4	CHEM 0110	4
		5	CHEM 0110, 0120	8

EEAP	Economics-Macroeconomics	4, 5	ECON 0110	3
EHAP	European History	4, 5	HIST 0100 or 0101	3
ESAP	Environmental Science	4, 5	BIOSC 0820	3
FRAP	French Language	4	FR 0101	3
FRAP	French Language	5	FR 0101, 0102	6
LAAP	English Language and Composition	4, 5	ENG 0101	3
LIAP	English Literature and Composition	4, 5	ENGLIT 0000 or ENG 0101	3
MAAP	Calculus AB	4, 5	MATH 0220	4
MBAP	Calculus BC	4, 5	MATH 0220, 0230	8
PHAP	Physics B	4	PHYS 0110	3
PMAP	Physics C Mechanics	4, 5	PHYS 0174	4
PSAP	Psychology	4, 5	Psychology 0010	3
SSAP	Statistics	4, 5	STAT 1000	4
UGAP	U.S. Government and Politics	4, 5	PS 0200	3
WHAP	World History	4, 5	HIST 0700	3

Academic Procedures and Policies

Course Load

To be considered full time a student must carry a minimum of 12 credits per term. In addition, a student will not be allowed to take more than 18 credits per term without special permission from the Vice President and Dean of Academic Affairs at Pitt-Bradford and Pitt-Titusville. A student will never be allowed to carry more than 21 credits per term. A course load above 18 credits carries an additional tuition charge.

Background Checks and Clearance for Certain Academic Programs

Please be advised that some programs or courses of study require that students complete rotations, fieldwork, internships/externships and/or teaching assignments at facilities external to the university, while other programs or courses of study may offer voluntary internships or externships at facilities external to the university. Depending on the program or course, such facilities will or may require a criminal background check, an act 33/34 clearance (if applicable), and perhaps a drug screen to determine participant qualification or eligibility. Additionally, in order to become licensed, many states will inquire as to whether the applicant has been convicted of a misdemeanor, a felony, or a felonious or illegal act associated with alcohol and/or substance abuse.

Course Changes and Resignation

Students may change their course schedule by adding and dropping courses according to the deadlines printed in that term's class schedule booklet (also see Dropping a Course[s] below). Before making such changes, the student should carefully check compliance with the course load requirements listed above. **Dropping below full-time status may adversely affect a student's financial aid and housing.** Students may also resign from the University following the deadlines listed in that term's class schedule booklet. A student will receive a W grade if dropping a course after a certain point in the term, and an R grade if resigning after a certain point. Neither grade, however, will affect a student's grade point average.

Dropping a Course(s)

Students who need to drop courses should log on to my.pitt.edu where they can change their schedule via adding or dropping a class through the end of the add/drop period. After the add/drop deadline established for the term or session, students cannot drop a course(s) but may withdraw through the Office of Student Services.

Specific dates for every add/drop period are published in the Schedule of Classes. Students who decide not to attend the University may drop all of the courses they are registered for during the add/drop period with no financial liability. Students who make this decision after the add/drop period must process a resignation form through the Office of Student Services.

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, effective with the Spring 2018 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.

Academic Standing, Probation, and Suspension

Academic Standing

Good Academic Standing: A student is in good academic standing so long as both the GPA in the previous term and the cumulative GPA are 2.00 or higher. Note: Minimum GPA requirements for some programs may be higher than 2.00.

Academic Probation: If the GPA for a given term is below 2.00, or if the cumulative GPA is below 2.00, a student is placed on academic probation.

Satisfactory Academic Progress: A student placed on academic probation must maintain satisfactory progress toward a degree in order to avoid suspension. Satisfactory academic progress is defined as a 1.00 or higher for first-term freshman and a 2.00 or higher for all other students.

Suspension

Students who are on academic probation for two consecutive regular (fall and spring) terms are subject to academic suspension from the University. First-term students who have completed only one term of full-time study and who have failed to attain a grade point average of at least 1.00 are subject to suspension. Factors such as academic motivation and campus citizenship will be considered in making such decisions for suspension after only one term.

Students who are suspended for academic reasons are not eligible to enroll for the following regular (fall or spring) term and are required to wait at least one full term before a reinstatement request will be considered. Students are either expected to take courses at another institution or do summer work at Pitt-Bradford to qualify for reinstatement. These requirements will be waived only for truly extraordinary circumstances.

Summer Course Work

Students who have been suspended may be allowed, with permission of the Vice President and Dean of Academic Affairs Pitt-Bradford and Pitt-Titusville, to enroll in course work at Pitt-Bradford during the summer sessions. A student who moves back to good academic standing through summer course work may request reinstatement to resume studies on continued probation in the following fall term.

Reinstatement

Reinstatement after suspension is not automatic. A suspended student seeking to resume studies in a subsequent term, after one or more terms on nonattendance, must request reinstatement in a letter to the Vice President and Dean of Academic Affairs at Pitt-Bradford and Pitt-Titusville. If the request is approved, the reinstatement letter will stipulate the conditions that must be met the following term, e.g., a limited load, repeats of courses, or change of major. Reinstatement does not cancel the suspension; rather, the reinstated continues to be on academic probation.

Dismissal

A student who has been reinstated after suspension and subsequently fails to remain in good academic standing is subject to dismissal. A student who is dismissed for academic reasons may not request reinstatement.

Re-admittance for Summer Course Work after Suspension

Students who have been suspended in the spring term may be allowed, with the permission of the Vice President and Dean of Academic Affairs at Pitt-Bradford and Pitt-Titusville, to enroll in course work at Pitt-Bradford during the summer sessions following that particular spring term. A student

who moves back to good academic standing through summer course work may request reinstatement to resume studies on continued probation in the following fall term.

Academic Honors

Dean's List

Full-time students who earn at least 12 credits in a term (excluding courses with S grades), with no grade lower than a C and no temporary grades, and with a term GPA of at least 3.50 or higher, are placed on the Dean's List at the end of each regular term. A Dean's List is also published annually, at the end of the spring term, for part-time students who have accrued 12 credits in the previous summer, fall, and/or spring semesters and meet the same academic criteria as stated for full-time students.

Graduation Honors

Those students of a graduating class who have attained an outstanding scholastic record may be graduated with honors. To qualify for honors, a student must have earned a minimum of 60 Pitt credits and attained a cumulative GPA of 3.25 for cum laude, 3.50 for magna cum laude, or 3.75 for summa cum laude.

Readmittance

A student who has left the University for any reason and remained unregistered for at least one year must apply and be readmitted before resuming his or her program. Students who attend another university during their absence from Pitt-Titusville must be readmitted and submit a transcript for evaluation. Reinstatement and readmission decisions are made by the Vice President and Dean of Academic Affairs at Pitt-Bradford and Pitt-Titusville. It should be noted that the University of Pittsburgh will not accept credits earned at another institution while the student is on academic suspension or probation at a Pitt campus.

Admittance of Students with Prior Pitt Degrees

Students who have received a prior degree from another University of Pittsburgh campus must reapply through the Admissions Office if pursuing an additional degree.

Academic Integrity

Academic integrity is a moral obligation of both students and faculty; it is expected that both students and faculty behave in a professional manner in the University setting. The following guidelines follow those established by the University of Pittsburgh for each group:

Student Responsibilities

The student must conduct himself or herself in an appropriate manner in and out of the classroom. Principally, this involves doing one's own work at all times and complying with each instructor's class guidelines and requirements, including class attendance. A student violates academic integrity when he or she is involved in any of the following:

1. Cheating (such as unauthorized use of a text or notes during an exam, copying the work of another student, or obtaining and using a copy of an exam in advance of its administration)
2. Plagiarism (presenting as one's own the work of another without proper acknowledgment)
3. Deceitful practice (such as knowingly allowing one's work to be submitted by another student)
4. Class conduct that is so disruptive as to infringe upon the rights of the instructor or fellow students

If a student is involved in any of the preceding, there is a specific set of guidelines explained in the *Student Handbook* for actions that may be taken by the University and for sanctions imposed. This may involve a hearing before the Academic Integrity Board and sanctions ranging from dismissal from the University to failing the course involved.

Faculty Responsibilities

Faculty members also have obligations under the academic integrity guidelines. These include the following:

1. Meeting classes as scheduled
2. Being available for, and keeping, established office hours and appointments
3. Making appropriate preparations for all classes
4. Grading and returning all tests and assignments promptly
5. Describing course goals, prerequisites, and grading procedures before the end of the add/drop period
6. Using good-faith professional judgment as the basis for all academic evaluations
7. Not considering, in academic evaluation, such factors as race, color, religion, ethnicity, national origin, age, sex, sexual orientation, marital, veteran, or disability status
8. Respecting the confidentiality of information regarding a student as stated in University guidelines
9. Not exploiting their professional relationship with a student for private or personal advantage
10. Respecting the dignity of students, individually and collectively, in the classroom and other academic settings

If a student feels that any of these have been violated by a professor, he or she should seek appropriate judgment of the grievance by the Vice President and Dean of Academic Affairs at Pitt-Bradford and Pitt-Titusville.

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.

Grades

The following is a list of grades used by the University of Pittsburgh at Titusville and their numerical value, which is used to calculate a student's grade point average:

A+ = 4.00

A = 4.00 Superior attainment

A- = 3.75

B+ = 3.25

B = 3.00 Meritorious attainment

B- = 2.75

C+ = 2.25

C = 2.00 Adequate attainment

C- = 1.75

D+ = 1.25

D = 1.00 Minimal attainment

D- = 0.75

F = 0 Failure

A final grade in a course represents the cumulative evaluation and judgment of the faculty member placed in charge of that course. If a student feels the final grade or an academic decision in a course was not determined in accordance with university policies or was determined arbitrarily, the student may appeal by adhering to the procedure described in the Student Handbook.

It is the responsibility of the student, before seeking to have a grievance adjudicated, to attempt to resolve the matter by personal conference with the faculty member concerned, and, if such attempts are unsuccessful, to call the matter to the attention of the Vice President and Dean of Academic Affairs at Pitt-Bradford and Pitt-Titusville for consideration and adjustment by informal means. If a matter remains unresolved after such efforts have been made, the grievance procedures shall be employed.

This grievance procedure must be initiated by the student and the written statement of charges must be received by the Vice President and Dean of Academic Affairs at Pitt-Bradford and Pitt-Titusville within the first ten (10) regularly scheduled class meeting days of the term immediately following the term in which the appealed grade was received. The written statement must be an accurate and complete statement of all facts pertaining to the matter.

Complete details pertaining to this policy can be found in the Policy Manual of the University of Pittsburgh, Academic Affairs, Academic Integrity, Guidelines on Academic Integrity-Student and Faculty Obligations and Hearing Procedures, Document Number 02-03-01.

Other Grades

The following entries may also be made on a student's transcript:

G	Work incomplete for reasons beyond the control of the student. Proper forms must be filed in the Office of Student Services explaining why a G grade should be given and what work must be made up to complete the course. The student must make up the course work during his or her next fall or spring term. Failure to complete the course work will result in loss of the credits earned in the course.
N	Noncredit audit. If a student wishes to audit a course, then he or she must file the appropriate grade option form with the Office of Student Services no later than one week after the end of the add/drop period.
W	Withdrawal from a course with no penalty and no credit
R	Resignation from all courses and the University
S	Satisfactory completion of course requirements
U	Unsatisfactory completion of course requirements
LG	Letter Grade option
S/NC	Satisfactory/Audit option

Transfer Credits

A student who has earned credits at another college, university, or post secondary educational institution may have the credits evaluated for transfer into the University of Pittsburgh at Titusville. Official transcripts are evaluated and are subject to the individual requirements of the program to which a student is applying. Credit cannot be given for courses taken at another university while the student is on probation or suspension from any University of Pittsburgh campus. The following general rules will apply in most cases:

1. Credits will be considered for transfer based on course equivalencies. The University will not refuse to consider transfer credit based on accreditation of the sending institution.
2. Course work must have been completed in the last 12 years prior to matriculation (courses in some programs require a shorter time frame)
3. Course work must have been completed with a grade of C or better (C- is not acceptable)
4. Transfer courses that are part of a sequence may or may not be transferrable depending on requirements of the specific program for which the student is enrolling
5. The maximum number of credits that the University of Pittsburgh at Titusville will transfer toward an associate degree is 30.
6. The number of credits granted for a course cannot exceed those on the transcript from the school where they were earned; nor can they exceed the number of credits for the corresponding course at UPT.
7. Quarter credit hours are considered as follows: 5 quarter credit hours = 3 semester credit hours; 3 quarter credit hours = 1 UPT semester credit hour

Cross Registration

Only students who are on unrestricted academic standing at Pitt-Titusville will be allowed to cross register during the fall and spring terms. Cross registration is limited to two courses or eight credits per term or session. Students enrolled at Pitt-Titusville wishing to take courses at another University or at another University of Pittsburgh campus must receive written permission of the Director of Student Services.

Course Repetitions

In general, students are allowed to repeat courses at the University of Pittsburgh at Titusville. The last grade earned is the one used in calculating credits to be awarded and in computing the GPA. In other words, grades are not averaged when a course is repeated. Course repetitions are limited in the Nursing program. Contact the program office for more specific information about the course progression requirements. Students are encouraged, and sometimes required, to repeat courses in which they have earned less than a C- grade. This policy is limited, however, by the following exceptions:

1. No sequence course may be repeated for credit after a higher-numbered course in the same area has been passed.
2. No course may be repeated more than twice except by special permission of the instructor and the Vice President and Dean of Academic Affairs at Pitt-Bradford and Pitt-Titusville. In no case will a student be allowed to repeat a course more than three times. *NOTE: If the student has received a W or an R in a course, this rule does not apply.*
3. No course may be repeated for credit at another institution outside of the University of Pittsburgh system. Nursing students enrolled in the Associate of Science in Nursing degree program are subject to additional curriculum policy requirements including the policy that no course may be repeated more than once. See the Nursing Program Curriculum Policy for more details.

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.)

Other University Policies

University Policies

Affirmative Action and 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, as fully explained in Policy 07-01-03, 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. This policy applies to admissions, employment, 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.

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 Policy 07-01-03. For information on how to file a complaint under this Policy, please refer to Procedure 07-01-03.

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 Ethical Guidelines for Computing, available in campus computing labs or online at <http://technology.pitt.edu/security/compliance/acceptable-use.html> for details.

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

Drug-free Workplace/Drug-free Schools 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 within 30 days, 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.

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.

Faculty-Student Relationship Policy

The University of Pittsburgh'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 relationships between a faculty member and a student whose academic work, teaching, or research is being supervised or evaluated by the faculty member.

If an intimate relationship should exist or develop between a faculty member and a student, the University requires the faculty member to remove himself/herself from all supervisory, evaluative, and/or formal advisory roles with respect to the student.

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.

Family Educational Rights and Privacy Act

In compliance with the Family Educational Rights and Privacy Act of 1974, 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 procedure. 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.

For more information, students may contact the Office of Student Services, 504 East Main Street, Titusville, PA 16354, or call 814-827-4431.

Harassment Policy

No University employee, student, or individual on University property may intentionally harass or abuse a person (physically or verbally) with the purpose or effect of unreasonably interfering with such person's work or academic performance, or of creating an intimidating, hostile, or offensive work or academic environment.

Immunization Policy

All incoming full-time students must submit proof of immunization as required against Measles (Rubella), German Measles (Rubella) and Mumps. Two doses of the MMR (Measles, Mumps, and Rubella) vaccine or a current MMR (within three years) satisfies the University of Pittsburgh immunization requirement; however, resident students must also provide proof of meningitis vaccine or sign a waiver. All full-time students must provide to the University Student Health Center a copy of their immunization record, that includes month, day, and year the immunizations were administered and the physician signature stamp must be on the record. Once received, it must be kept on file in the Student Health Center. A student may be granted a medical exemption from immunization based on health or religious beliefs. Incoming full-time students, who after receipt of notification by the University that their immunization records are incomplete and fail to provide proof of immunization or written request for exemption as described above, will be prohibited from registering for any classes and will not be assigned housing.

Students enrolled in the Nursing program have additional health screening requirements and immunization requirements. Contact the Office of the Nursing Program for more details.

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 patent rights and technology transfer 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 the University policy are available from the Office of Technology Transfer and Intellectual Property.

Research Integrity

The University of Pittsburgh seeks excellence in the discovery and dissemination of knowledge. Excellence in scholarship requires all members of the University community to adhere strictly to the highest standards of integrity with regard to research, instruction, and evaluation. Research misconduct carries potential for serious harm to the University community, to the integrity of science, and to society as a whole.

Sexual Harassment Policy

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. For information regarding sexual harassment policy at the University of Pittsburgh, see <http://www.cfo.pitt.edu/policies/documents/policy06-05-01web.pdf>. Additional information and reporting options of sexual harassment and sexual assault are available at <http://www.upt.pitt.edu/sexual-assault-awareness-and-prevention-0>.

Smoking Policy

This policy is in compliance with University of Pittsburgh regulations effective February 1, 1991, "restricting smoking in University of Pittsburgh facilities at all campuses."

Policy: Smoking is prohibited in all University owned and leased facilities, and in all University vehicles and has been revised to prohibit smoking within fifteen (15) feet of all University building primary entrances and Heating, Ventilation, and Air Conditioning (HVAC) intake vents.

The Human Resources directive provides the following details:

"Primary entrances shall be defined as the common public access points to each building, and is not intended for doors exclusively designated as emergency exits only or as service entrances. Note: portions of loading docks that are under building cover and interior garages shall be considered as inside the building and smoking shall be prohibited."

Contact the Affirmative Action Officer at 412-648-7860 for questions on the policy or its application.

Student Code of Conduct

The Student Code of Conduct is an outline of the non-academic rights and responsibilities of University students. The code defines offenses by and against students. A student or University official may file a complaint of violation of the the Student Code of Conduct in the Office of Student Affairs, located in Room 211 of the Frame-Westerberg Commons, 814-362-7651. A copy of the code is printed in the Student Handbook, published in August of each year, and available in the Office of the Assistant Executive Director.

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.

Financial Information

Bennett Davis Hall
504 East Main Street
Titusville, PA 16354
Phone: 814-827-4495
Fax: 814-827-4522

Pitt-Titusville has established a program of financial aid to provide assistance to students whose resources cannot meet the total cost of education. Students are encouraged to apply for financial aid and to explore all potential sources of financial assistance including state, federal, and community sources, as well as the University.

Students may receive various types of financial assistance from a variety of government, university, and privately-sponsored programs including grants and scholarships (direct awards with no repayment required), loans (normally offered at relatively low interest with repayment due in small installments after the student leaves college), and/or campus-based employment. Additional information and appropriate applications may be obtained from the Office of Financial Aid.

Students should also check with their high school guidance office for additional grants and scholarships that may be available locally.

Financial Aid Application Procedure

To be considered for financial aid, students must file the Free Application for Federal Student Aid (FAFSA). A variety of factors are typically considered in determining eligibility, including college costs, family contributions, student earnings, family size, savings, and date of submission of all appropriate financial aid materials.

Financial aid awards are made for one academic year, and eligibility must be determined on an annual basis. Therefore students must file a FAFSA each year. Students must show continued need, and must submit all appropriate applications each year within established deadlines, as well as meet all federal regulations regarding verification if selected (this may include submitting tax transcripts and other supporting documents). In addition, students must be in good academic standing and must show satisfactory academic progress toward their degree, as defined below, to be eligible to receive, or to continue to receive financial aid.

Detailed information about all financial aid programs, including financial aid policies, application procedures, and deadlines, in addition to financial aid applications, can be obtained from the Office of Financial Aid. Individual appointments can be made Monday through Friday, 8:30 a.m.-5 p.m.

Satisfactory Academic Progress Policy

Federal regulations require that the University of Pittsburgh at Titusville's Office of Financial Aid monitor the Satisfactory Academic Progress of all students applying for, or receiving financial aid. The programs governed by these regulations are known as Federal Title IV Aid and include: Federal Direct Parent PLUS Loan, Federal Direct Loan (Subsidized/Unsubsidized), Federal Supplemental Educational Opportunity Grant (SEOG), Federal Work-Study, Federal Pell Grant, and most University aid. This standard does not apply to tuition remission for dependents of Pitt employees, some outside scholarships, or state student incentive grants (i.e., PA State Grant). State agencies awarding state grants establish their own academic standard.

All students who meet the Satisfactory Academic Progress requirements will be assigned a Satisfactory Academic Progress indicator for the upcoming school year.

Satisfactory Academic Progress is checked once a year, after spring term and determines a student's status for the next academic year.

Satisfactory Academic Progress (SAP) standards include three components:

- 1. GPA Requirement.**

Students must achieve a 1.50 minimum cumulative GPA if below 30 credits, and a 2.00 cumulative GPA if the student has earned 31 or more credits.

2. **Pace of Completion.**

Students must maintain a minimum 67% cumulative course completion rate based on cumulative credits attempted and cumulative credits completed. All courses with a passing or failing grade will be counted as credits attempted.

3. **Attempted Credits/Program Length.**

Credits attempted by a student cannot exceed 150% of the credits required as defined by the University's published length of the specific program. For example, for a 2 year degree (60 credits), a student must complete their program within 90 credits.

All courses with a passing or failing grade will be counted as credits attempted. All courses with a grade designated as G, I, R, or W will be counted as credits attempted. Credits on all repeated courses will be counted as credits attempted. Transfer credits from another school will be counted both in terms of hours attempted and hours completed in SAP evaluation. Reinstated students do not have prior attempted credits excluded from the determination for student aid eligibility, as required by federal regulations.

Unsatisfactory Progress

Those not making progress will be dropped to "not meet progress" and be denied student aid for any upcoming enrollment period until they have met the requirements for satisfactory academic progress. Students academically dismissed are automatically ineligible for further financial aid.

The student can regain Satisfactory Academic Progress after being placed on Not Meet Progress by:

- Registering and paying for classes using his/her own funds. Students may wish to consider the PittPAY Payment PLAN or certain alternative loans that do not require SAP. Upon meeting financial aid satisfactory academic progress criteria as stated above, the student must request financial aid reinstatement and complete a Free Application for Federal Student Aid (FAFSA), OR
- The student may appeal the loss of financial aid eligibility if a student has experienced circumstances beyond control that have kept them from maintaining satisfactory academic progress. After review by the Financial Aid Office, if an appeal is reviewed favorably, the student will be granted one term of Probation for financial aid and eligibility will be reinstated for one payment period. Students on probation must be able to demonstrate that they will be able to meet SAP standards at the end of the next payment period. In cases where it is not possible for a student to meet minimum requirements for Satisfactory Academic Progress in one term, the student can be placed on an academic plan. If the academic plan is approved, the student's financial aid eligibility will be reinstated for one payment period. Students must meet the requirements of the academic plan at the end of the payment period to be eligible to receive aid for subsequent terms. The student will remain on the academic plan until they have met the Satisfactory Academic Progress requirements. Please contact the Financial Aid Office for more information on the appeals process.

PA State Grant Program

In addition to the general Satisfactory Academic Progress guidelines, undergraduate students receiving a PA State Grant are subject to a separate satisfactory academic progress review. Students that receive the PA State Grant are required to complete a minimum of 12 credits for each full-time PA State Grant received or a minimum of 6 credits for each part-time PA State Grant received in the most recent completed academic year.

For more specific information, please contact the Office of Financial Aid.

Financial Assistance Programs

By completing the FAFSA application process outlined above, students are applying for:

Federal Pell Grant-federal entitlement program providing assistance to qualified applicants;

Federal Supplemental Opportunity Grant (SEOG)-institutionally controlled federal grant program awarded on the basis of significant financial need and available funding (must be Federal Pell Grant eligible to receive);

Federal Work Study-on-campus employment program supported by federal and institutional funds;

PA State Grant-state-sponsored grant program available to eligible Pennsylvania residents;

In addition, students are eligible to apply for Federal Direct Subsidized and/or Unsubsidized Loans and Federal Direct Parent PLUS loans. Students who receive loans are reminded of their repayment obligations. Promissory notes will detail these obligations.

Veterans' Educational Benefits

For questions and information regarding educational benefits for veterans or spouses and children of service connected disabled veterans, visit our Web site at: <https://titusville.pitt.edu/admissions/veterans> and click on Veterans under the Admissions index tab. You may also call the Titusville Certifying Official at 814-827-4495.

University Scholarships and Grants

Donor Scholarships -- Pitt-Titusville awards several scholarships made possible by gifts from private donors and direct institutional funds based on a student's high school academic achievements. Admitted students are considered for assistance from all sources offered by the college.

All donor scholarships require the student complete a FAFSA application and be enrolled full-time and continuously during the academic year. These scholarships are awardable for a maximum of two academic years (August-April) - Summers not included. In order to renew for a second year, a student must have a minimum cumulative 2.85 GPA. The following are the specific awards and their additional specific eligibility criteria:

The DeFrees Family Foundation Scholarship-awarded to students enrolled at Pitt-Titusville from Warren County

Ruth R. Gilson Scholarships-awarded to Titusville High School graduates

Betty Root Scholarships (in memory of Delbert Proper and Jessie Lamberton Proper)-awarded to students who are accepted into our Nursing Program who are graduates of Maplewood High School

The Campbell and Panizza Family Scholarships-awarded first to graduates of Fort Cherry or Monesson High Schools, then to students from Monessen or McDonald, PA, then to students from Fayette, Washington and Westmoreland counties.

Ben McEnteer Scholarship Fund-awarded to deserving full-time students

John Hugh Erickson II Memorial Scholarship-awarded to deserving full-time students

Marshall A. Fisher Scholarship-available to graduates of Titusville Area High School (application forms are available in the high school guidance office)

Walter Scott Kriner Family Scholarship-awarded to deserving full-time students

Ki R. Shim, PhD. and Chungja C. Shim M.D. scholarship fund-awarded to deserving full-time students

Emil M. and Kathleen M. Spadafore Endowed Fund for Student Resources-awarded to deserving full-time students

UPT Nursing Grants-All students admitted full-time to UPT Nursing program are awarded \$2500/year grant. It is renewable for the second year only at the Titusville campus if the student remains a full-time with minimum 2.0 overall GPA.

For more specific details on each of these scholarships, please visit <https://www.titusville.pitt.edu/admissions/financial-aid/types-financial-aid/upt-scholarships>.

Tuition, Fees, and Other Charges

The following are the costs for the 2019-2020 academic year (subject to change each academic year).

The University of Pittsburgh reserves the right to change the tuition rate and fees at any time without advance notice.

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.

Graduate students registered for 9 to 15 credits in the Fall and Spring Terms are regarded as full-time students, and are assessed the current graduate "flat" tuition rate for their academic center.

Graduate students registered for fewer than 9 credits are considered part-time, and 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 with the exception of students in the School of Dental Medicine Dental Hygiene Certificate Program; the Swanson School of Engineering undergraduate program; the Katz Graduate School of Business Full-time MBA, MBA/MS and EMBA Programs; and the School of Nursing Accelerated Nursing Program.

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 Cooperative Engineering Program and 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 at the Greensburg Campus.

Application fee (non refundable)	\$45 one time
Tuition deposit (non refundable) (applied to first term's tuition)	\$100

The difference between in-state and out-of-state tuition is provided through an appropriation from the Commonwealth of Pennsylvania (see Eligibility for Reduced Tuition).

Course Fees	
Chemistry lab fee	\$50 per course
Biology lab fee	\$50 per course
Nursing lab fee	\$75 per course

An additional charge for excessive breakage will be made in all lab courses.

Service Fees	
Late registration fee	\$25
Late add or drop fee	\$25 each transaction
Late graduation application fee	\$25
Official Transcript preparation fee	\$6 per transcript

Late payment fee	\$50
Returned check fee	\$30 per check
Challenge Exam fee	\$75 per exam
ID card replacement	\$20 each time
Student Parking Permit Fee	\$10

Eligibility for Reduced Tuition

Tuition rates for the University of Pittsburgh 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 attending any college or university in the state may be eligible for reduced tuition rates. To be eligible, the student must be a citizen of the United States or have an immigrant or permanent resident visa. For a student under 21 years of age, both the student and parents or legal guardian must reside in Pennsylvania.

Copies of Guidelines and Procedures for Determining Eligibility for Reduced Tuition Rates are available upon request in the Office of Admissions. Any admitted student may petition for reduced tuition rates by supplying convincing evidence to be reviewed by the Office of Student Services.

To be effective for a particular term, petitions must be submitted within the first 30 calendar days of the term. **NO DUE DATES WILL BE EXTENDED, NOR WILL LATE PAYMENT OR LATE REGISTRATION FEES BE WAIVED FOR ANY REASON RELATED TO THE DETERMINATIONS OF ELIGIBILITY FOR REDUCED TUITION.**

Only the Director of the Office of Student Services may evaluate eligibility for tuition purposes. Students who change their domicile from Pennsylvania to another state must promptly give written notice to the Office of Student Services.

Students under 21 years of age must report a change in their parents' or legal guardians' address.

Students who are found eligible for resident tuition rates at the time of initial classification due to an error in classification are subject to retroactive reclassification as nonresidents and are responsible for the payment of all related tuition and fees.

Students who are found eligible for reduced tuition rates as a result of facts concealed or falsified at the time of initial classification are subject to University discipline and legal action and are responsible for the payment of all nonresident tuition and fees, including legal fees.

Payment Policies

Students and their Authorized Users will be notified by email periodically before the due date if there is a balance due on the student account. Monitor the Account Summary and Account Activity tabs in PittPAY to see your account activity, account balance, and due date.

Pending loans will be counted as a credit to the student's account as Anticipated Aid on the Account Activity tab in PittPAY for 60 days. If the loans are not finalized by the end of 60 days, the loan amount(s) will be added back into the total amount due and become the responsibility of the student.

Any payments made by check should include the student ID on the check.

REGISTRATION FOR ANY SUBSEQUENT TERM WILL NOT BE PERMITTED UNTIL AN ACCOUNT IS COMPLETELY SETTLED.

Payment Plan Option

You may pay your balance due in full by your due date, or you can elect to enroll in an optional PittPAY Payment Plan and pay in installments over time instead. Our optional Payment Plan is designed to help families spread out balance due on the student account over a series of regular installments.

Depending on the date you enroll in a Payment Plan, you may be eligible for 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 payment plan. Monthly installment payments are automatically debited each month from the bank account or credit card you designate when you enroll in a plan. There is a 2.75% nonrefundable convenience fee if you elect to make installment payments by Discover Card, MasterCard, or VISA; installments paid by eCheck are processed for no additional charge.

Late Fees

If a balance due is not paid by the due date, late payment fees will be charged. Repeated failures to pay will also incur financial holds and withholding of transcripts and/or grades. **No student will be allowed to register for a subsequent term until the current term's account is fully settled.** Past due accounts will also be referred for collection.

Registration Status

A student who is registered for 12 or more credits, or the equivalent, during the fall, spring, and/or summer term is considered to have full-time status for that term. Students registered for less than 12 credits are considered part-time.

A student's registration status is active when admitted and enrolled in the term of admission. A student must register for at least one credit in a 12-month period in order to maintain active status.

Termination of Registration by the Add/Drop Process

Students may terminate registration for all classes by informing the Office of Student Services of their intent to do so **prior** to the end of the add/drop period for the term.

Termination of Registration by the Resignation Process

After the end of the add/drop period for the term, students must resign through the Office of Student Services.

An official resignation occurs when the student notifies the Office of Student Services of his or her intent to terminate his or her registration for all classes after the end of that term/session's add/drop period, but no later than the 60 percent point (in time) of the term or session.

After the 60 percent point of the term or session, students can only terminate their registration by withdrawing through the Office of Student Services.

Failing to attend the classes for which a student is registered or failing to notify the appropriate academic and 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.

The effective date of resignation is determined by one of the following: (1) the date of in-person contact with the Office of Student Services, (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 notification by telephone or e-mail.

Charges When Dropping a Course(s)

When a student drops a course or courses, there is no tuition charge if the course(s) is/are dropped before the add/drop period ends. After the add/drop period ends, no refund of tuition or fees will be given unless a student resigns (drops all courses); then a prorated refund may be given during a limited time frame.

Title IV Refund Policy

Adjustments to tuition charges resulting from official resignations are based on the effective date of the 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%. If the resignation occurs after 60% of the term is completed, the percentage is equal to 100%. 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%. 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. Funds are returned to the following Title IV sources in order of priority: 1. Unsubsidized Federal Family Education Loans (FFEL) or Direct Loans 2. Subsidized Federal Family Education Loans (FFEL) or Direct Loans 3. FFEL or Direct PLUS loans 4. Federal Pell Grants 5. Federal Supplemental Educational Opportunity Grant (SEOG) program 6. Other Title IV assistance for which a return of funds is required 7. Other federal, state, private, or institutional financial assistance.

1. Title IV Programs
 1. Federal Direct Unsubsidized Loans
 2. Federal Direct Subsidized Loans
 3. Direct Plus Loans
 4. Federal Pell Grants
 5. Federal Supplemental Ed. Opportunity Grants (FSEOG)
 6. Any other Title IV program
2. Non-Title IV Programs (refunded according to resignation percentage)
 1. Institutional Loans
 2. Institutional Scholarships and/or Grants
 3. Private Scholarships
 4. Private Loans
 5. State Grants

Tuition and Mandatory Fees

Pennsylvania Resident Tuition Rates

School	Full-Time Per Academic Year	Full-Time Per Term	Part-Time Per Credit
Titusville Campus (except Nursing)	\$11,342	\$5,671	\$472
Nursing	\$16,496	\$8,248	\$687

Out-of-State Resident Tuition Rates

School	Full-Time Per Academic Year	Full-Time Per Term	Part-Time Per Credit
Titusville Campus (except Nursing)	\$21,432	\$10,716	\$893
Nursing	\$30,688	\$15,344	\$1,278

Mandatory Fees

Undergraduate

Fee	Full-Time Per Academic Year	Full-Time Per Term	Part-Time Per Term
Student Activity Fee	---	---	---
Wellness Fee	\$100	\$50	---
Computing and Network Services Fee	\$350	\$175	\$100
Student Recreation Fee	---	---	---
	----	----	----
TOTAL	\$450	\$225	\$100

Note: The mandatory fees exhibited are applicable to Fall Term 2021 and are subject to change in subsequent terms of Academic Year 2021-2022.

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 2021	April 21, 2021	May 19, 2021
	May 20, 2021	June 16, 2021
Fall 2021	July 21, 2021	September 15, 2021
Spring 2022	November 24, 2021	January 26, 2022

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.

Past Due Accounts & Late Fees

Periodic notifications will be sent to students and their Authorized Users from pittpay@pitt.edu when there is a balance due on the student account. Late fees and financial holds are placed on past due accounts. In addition, accounts that remain seriously past due are referred to University Collections and may be assessed an additional \$100 Collection Fee.

A financial hold prevents registration for classes for a new term and prevents access to grades, transcripts, and diplomas. The hold is automatically released once the past due balance is paid in full.

Please note, dates provided here are for planning purposes. The 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. Fees and Financial Holds are placed the day after the due date

Term	Due Date	Fees and Financial Holds
Summer 2019	May 22, 2019	May 23, 2019 \$50 late fee and financial hold.
	June 19, 2019	June 20, 2019 \$50 late fee and financial hold. Account may be referred to University Collections.
Fall 2019	September 18, 2019	September 19, 2019 \$50 late fee and financial hold.
		October 17, 2019 \$200 late fee and financial hold.
		November 14, 2019 Account is referred to University Collections and may be assessed \$100 Collection Fee.
Spring 2020	January 22, 2020	January 23, 2020 \$50 late fee and financial hold.
		February 20, 2020 \$200 late fee and financial hold.
		March 19, 2020 Account is referred to University Collections and may be assessed \$100 Collection Fee

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Stephanie Fiely, EdD, *Assistant Executive Director*

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Lois J. Hayweiser, *Associate Professor, Psychology (Deceased)*

Herbert W. Kitson, *Professor, English*

James R. Messmer, *Associate Professor of Physics*

Margaret H. Peaslee, *Vice President for Academic Affairs and Professor of Biology (Deceased)*

Ki R. Shim, *Associate Professor, Economics*

Michael A. Worman, *President*

Faculty

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

Atteberry, Phillip D., PhD, English, Washington University (1983), *Associate Professor, English*

Daugherty, Mary Jane, MSN, Carlow University (2009). *Instructor of Nursing.*

Flickner, Elizabeth, MSN, Robert Morris University (2015), *Instructor of Nursing*

McClain, Patricia A., MSN, Carlow University (2010). *Instructor of Nursing and Director of the Nursing Program.*

Mulcahy, Richard P., PhD, American History, West Virginia University (1988); *Professor, History and Political Science.*

Patterson, Sherri, MSN, Carlow University, (2012); *Instructor of Nursing*

Reynolds, Kristen, MA, Teaching, Secondary Biological Sciences, Miami University (1999), *Visiting Instructor of Biology*

Tress, Nancy Barsic, PhD, Biochemistry, University of Pittsburgh (1994); *Associate Professor, Biology and Natural Sciences Area Chairperson.*

Adjunct Faculty

Last, Kerri, MSN, CRNP, Nursing

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University of Pittsburgh Board of Trustees

The Board of Trustees is responsible for advancing the purposes of the University; promoting and protecting its independence, academic freedom, and integrity; and enhancing and preserving its assets for the benefit of future students and society at large. In addition, because the University of Pittsburgh is a state-related institution, the trustees ensure that Pitt meets its obligations both to the Commonwealth of Pennsylvania and to society generally.

General administrative, academic, and management authority is delegated to the chancellor. However, the board retains ultimate responsibility for all University affairs.

There are three or more regular meetings of the Board of Trustees each year, including an annual meeting. Special meetings also may be called. Much of the board's work is carried out by committees; many of these committees include faculty, staff, and students as non-voting representatives.

Thomas E. Richards, *Chairperson*

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**Ex Officio

Source: Office of the Secretary, July 1, 2021

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 Popular 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	Other Instructional Site Butler County Community College

345 Court Street Pittsburgh, PA 15108 Opened: 10/30/2017	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.	Other Instructional Site Pymatuning Laboratory of Ecology

Titusville, PA 00000 OPEID: 00337901	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

Nursing

Major

Nursing, AS

The Unit in Nursing prepares professional nurses for entry to practice at the associate degree level. This includes advanced clinical skills and preparation for independent leadership and management roles in a variety of settings.

The Associate of Science in Nursing degree program (ASN) is approved by the Commonwealth of Pennsylvania and accredited by ACEN - Accreditation Commission for Education in Nursing (formerly NLNAC). ASN graduates are required to take the national examination for registered nurse licensure. A person with criminal convictions may be prohibited from licensure as a registered nurse by the boards of nursing in various states. Prospective students in that situation should call the board of nursing in the state where they plan to practice.

ACEN - Accreditation Commission for Education in Nursing (formerly NLNAC)
3343 Peachtree Road, NE, Suite 850
Atlanta, Georgia, 30326
1-800-669-1656

Fall Term - 1st year

- BIOL 0212 - HUMAN ANATOMY AND PHYSIOLOGY 1
- BIOL 0222 - HUMAN ANATOMY AND PHYSIOLOGY LAB 1
- ENG 0101 - ENGLISH COMPOSITION 1
- NUR 0106 - SUCCEEDING IN NURSING EDUCATION
- NUR 0109 - CLINICAL CALCULATIONS
- NUR 0111 - FUNDAMENTALS OF NURSING

Credits Term: 16

Total Hrs/Wk: 21

Spring Term - 1st year

- BIOL 0213 - HUMAN ANATOMY AND PHYSIOLOGY 2
- BIOL 0223 - HUMAN ANATOMY AND PHYSIOLOGY LAB 2
- NUR 0112 - COMPREHENSIVE NURSING 1
- NUR 0113 - PHARMACOLOGY IN NURSING
- PSY 0010 - INTRODUCTION TO PSYCHOLOGY

Credits Term: 18

Total Hrs/Wk: 25

Fall - 2nd year

- NUR 0211 - COMPREHENSIVE NURSING 2
- CHEM 0103 - BIOLOGICAL CHEMISTRY
- Human experience elective - 3 credits

Credits Term: 16

Total Hrs/Wk: 24

Spring - 2nd year

- NUR 0212 - COMPREHENSIVE NURSING 3
- BIOL 0202 - MICROBIOL FOR ALLIED HEALTH PROFESSIONALS
- Human experience elective - 3 credits

Credits Term: 16

Total Hrs/Wk: 23

Human Experience Electives:

(choose 6 credits from two of the following three areas)

Arts and Letters; Behavioral, Economic, and

Political Sciences; History, Cultures, and

Philosophical Inquiry

66 Total Credits

1 credit = 15 theory hours	38 credits in Nursing
1 credit = 45 clinical hours	28 credits in General Education
	832.5 Total Clinical Hours

Please be advised

Please be advised that some programs or courses of study require that students complete rotations, fieldwork, internships/externships and/or teaching assignments at facilities external to the university, while other programs or courses of study may offer voluntary internships or externships at facilities external to the university. Depending on the program or course, such facilities will or may require a criminal background check at act 33/34 clearance (if applicable), and perhaps a drug screen to determine participant qualifications or eligibility. Additionally, in order to become licensed, many states will inquire as to whether the applicant has been convicted of a misdemeanor, a felony, or a felonious or illegal act associated with alcohol and/or substance abuse.

Course Information

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.*

Accounting

ACCT 0111 - FINANCIAL ACCOUNTING

Minimum Credits: 3

Maximum Credits: 3

An introduction to the accounting functions used by businesses to accumulate, use, and analyze financial data. Emphasis is placed on the preparation, use, and interpretation of financial statements.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: COREQ or PREREQ: MATH 0031

ACCT 0112 - MANAGERIAL ACCOUNTING

Minimum Credits: 3

Maximum Credits: 3

Deals with the significance and use of basic accounting concepts as they relate to the principal items contained in financial statements. Includes an introductory survey of the various cost components encountered in accounting for the manufacturing enterprise.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ACCT 0111

ACCT 0221 - INTERMEDIATE ACCOUNTING 1

Minimum Credits: 3

Maximum Credits: 3

Blends the theory and current practice of financial accounting for the business enterprise. Emphasis is placed on current accounting theory, valuation of assets and liabilities, and the impact of private, professional, and governmental agencies on financial accounting.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ACCT 0112

ACCT 0222 - INTERMEDIATE ACCOUNTING 2

Minimum Credits: 3

Maximum Credits: 3

Continuation of ACCT 0221 which covers such topics as accounting theory related to the liability and stockholders equity sections of the balance sheet, the cash flow statement, and earnings per share computation.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ACCT 0221

ACCT 1303 - STRATEGIC COST MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

This course focuses on advanced topics in cost and managerial accounting. Emphasis is on standard cost systems and variance analysis; absorption and variable costing; capital budgeting techniques and income tax impact assessment; and short and long range forecasting and reporting.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ACCT 0112

ACCT 1304 - FEDERAL INCOME TAXES

Minimum Credits: 3

Maximum Credits: 3

This course is an in-depth analysis of the federal income tax statutes and regulations relating to the taxation of individuals and sole proprietorships. Topics include: concepts of revenue and expenses, tax methods and treatment of the disposition of property (including capital gains and losses and tax research).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ACCT 0112

ACCT 1399 - ACCOUNTING INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Selected topics in an identified area of study in accounting.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: Sophomore or higher; 2.5 GPA; Division Consent

Administration and Policy Studies

ADMPS 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

Administration of Justice

ADMJ 0100 - INTRODUCTION TO LAW, CRIMINAL JUSTICE, & SOCIETY

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to socio-legal theory related to the nature of crime, criminalization, and the purpose of punishment in the American

criminal justice system. We use theory to explore and evaluate the workings of criminal justice institutions in a broader societal context, including how criminal justice compares with other institutions of social control/welfare (e.g. the education system). We also learn and apply major approaches to law & society in order to interrogate broader issues concerning law's intersection with societal values, power, and inequality. In so doing, we explore the nature, strengths, and limitations of legal reasoning and its application to the criminal justice issues examined throughout the semester.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ADMJ 0203 - PROBATION AND PAROLE

Minimum Credits: 3

Maximum Credits: 3

An examination of the nature of parole, the factors influencing probation decisions, adult and juvenile probation services, and how probation and parole impact on the criminal justice system and on society.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ADMJ 0204 - POLICE AND SOCIETY

Minimum Credits: 3

Maximum Credits: 3

The law enforcement agencies of the federal, state, and local levels that are responsible for the control of crime and protection of society via maintenance of order, law enforcement, and peacekeeping functions within our social environment will be examined. Major topics include the evolution, development, functions and effects of law enforcement of crime in society. Emphasis is on the theory and practice of social control in society by traditional and emerging forms of policing responding to social and public policy.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ADMJ 1225 - THE JUVENILE JUSTICE PROCESS

Minimum Credits: 3

Maximum Credits: 3

Presentation, discussion and analysis of the nature of the juvenile justice process, legal steps required in processing juveniles, nature and operation of juvenile justice institutions, interrelationships between parts of the system, and problems and prospects for their solution.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ADMJ 1450 - CRITICAL ISSUES IN CRIMINAL JUSTICE

Minimum Credits: 3

Maximum Credits: 3

Analyzes contemporary issues relating to policies, goals, and procedures of all criminal justice agencies. Topics covered include trends and controversies regarding law enforcement activities, the changing role of police, police court controversies, standards and goals, future trends in criminal justice, manpower utilization, organizational changes, long-range planning, and projections for future of police agencies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ADMJ 1900 - PRESERVICE INTERNSHIP

Minimum Credits: 1

Maximum Credits: 6

This course is a supervised placement with specific agencies in the criminal justice system and is offered through the College of General Studies for

student interns in the CGS Administration of Justice and Legal Studies majors and minors. Students enrolled in this internship engage in formal and reflective writing, journaling, and analysis about their work experience and how it relates to their academic and career pursuits. Class workshops and group discussions provide further opportunities for debriefing and consolidation of ideas and skills. This is a hybrid course with three in-person workshops and faculty authorization is required. Students must be registered for the internship course at the time they are completing the internship in order to earn credit.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Satisfactory/No Credit

Course Attributes: Undergraduate Internship

LCJS 1100 - CRIMINOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course provides an overview of the study of the causes and social responses to crime. It examines legal definitions and elements of crime; surveys major categories of crime, i.e., Predatory and non-predatory acts; reviews major measures of crime; identifies major correlates and theories of crime; differentiates types of offenders and evaluates the working of the criminal justice system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

LCJS 1400 - THE SYSTEM OF CRIMINAL JUSTICE

Minimum Credits: 3

Maximum Credits: 3

This course examines the criminal justice system as a set of interlocking institutions that have dynamic inter-relationships with one another and the larger society. We explore the history, structure, and function of policing, prosecution, the courts, and corrections. Special attention is given to trends in and contemporary problems of the criminal justice system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Africana Studies

AFRCNA 0031 - INTRODUCTION TO AFRICANA STUDIES

Minimum Credits: 3

Maximum Credits: 3

This is a survey course for Africana studies. An Afrocentric approach will be used to review the eight basic subject areas of the multidisciplinary focus; black history, black religion, black creative productions, black politics, black economics, black social organizations, black psychology and black education. Two alternative views will be pursued; a theoretical review of the literature and a summation of the practical experiences of black life.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

AFRCNA 0120 - AFRICAN AMERICAN EXPERIENCE SPORTS

Minimum Credits: 3

Maximum Credits: 3

This course examines blacks in sports. It focuses on sport as a microcosm of the larger society and also addresses sport's relationship to politics, economics, race relations, and South African apartheid. It looks at the history of blacks in sports as well as three aspects of sports that appear to be racially biased; position allocation, performance differentials, and rewards and authority structure.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

AFRCNA 0150 - AFRICAN AMERICAN LITERATURE

Minimum Credits: 3

Maximum Credits: 3

Introduction to black American literature from its oral traditions to the written form from the 18th to 20th century interrelated to historical social and political movements. Special emphasis will be placed upon the Harlem Renaissance period, the literature of the 1960's, and a work by the Pulitzer Prize winners (Gwendolyn Brooks, James Alan McPherson, Alice Walker, or Toni Morrison).

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Diversity General Ed. Requirement, DSAS Literature General Ed. Requirement

AFRCNA 0318 - HISTORY OF AFRICA BEFORE 1800

Minimum Credits: 3

Maximum Credits: 3

Surveys history of Africa from earliest times to eve of European colonization. Looks at Africa from the inside out and aims at promoting an appreciation of Africa's contribution to world civilization and an understanding of the historical processes that have shaped modern Africa. Major themes and topics include the ancient kingdoms, Islam, the slave trade and the European contact.

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.

AFRCNA 0629 - AFRICAN AMERICAN HISTORY 1877

Minimum Credits: 3

Maximum Credits: 3

This course examines African American history and culture from its inception with the Transatlantic Slave Trade to its transformation during the Civil War. Topics discussed include the African and Native American captivity practices that served as the precursors to African chattel slavery; the origins and rationale behind the creation of the social category of "race;" the differences between African chattel slavery in the French, Spanish, and British colonies; the regional variances in slavery in the southern and northern United States and in Indian nations; methods of resistance used by African American women and men; and the multifaceted ways in which African Americans played a part in the abolitionist movement and in their own emancipations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: African Studies, DSAS Diversity General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Soc/Behav. GE. Req.

AFRCNA 0630 - AFRO-AMERICAN HISTORY 2

Minimum Credits: 3

Maximum Credits: 3

This course surveys the development of black Americans from the time of the Civil War to the present.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: African Studies, SCI Polymathic Contexts: Soc/Behav. GE. Req.

AFRCNA 0639 - HISTORY OF JAZZ

Minimum Credits: 3

Maximum Credits: 3

The course focuses on the chronological development of jazz from its beginnings on the plantation to its present state as a world concert music. Various styles such as ragtime, blues, gospel, spirituals, rhythm and blues, rock, soul, etc., are examined.

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, DSAS The Arts General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req.

AFRCNA 1725 - SOCIAL AND HEALTH ISSUES IN EAST AFRICA

Minimum Credits: 3

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: Letter Grade

Anthropology

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

ANTH 0680 - INTRODUCTION TO PHYSICAL ANTHROPOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course is designed to introduce the undergraduate to the issues, theories and methods of physical 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

ANTH 0681 - INTRODUCTION TO HUMAN EVOLUTION

Minimum Credits: 3

Maximum Credits: 3

This is an introduction to human evolution and, in general, the evolution of the larger group to which we belong, the order primates. We will survey first the development of evolutionary ideas and modern developments in biology and geology and then review the diversity of living and fossil primates, dwelling especially on the discoveries and controversies surrounding our own evolutionary past.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ANTH 0710 - SPECIAL TOPICS IN CULTURAL ANTHROPOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course will be on a topic in the area of specialization of a visiting scholar yet to be determined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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

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

ANTH 1602 - HUMAN SKELETAL ANALYSIS

Minimum Credits: 4

Maximum Credits: 4

This is an introduction to the study and analysis of the human skeleton, which will be based on lectures and lab. Topics include: development of teeth and bone, identification of whole bones and fragments and determination of sex, age, and stature (and other metric analyses), disease, and populational features. Real bony materials will be used in lab.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0150, BIOSC 0160, anthropology, or permission of instructor

ANTH 1619 - SPECIAL TOPICS IN PHYSICAL ANTHROPOLOGY

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

ANTH 1725 - SOCIAL AND HEALTH ISSUES IN EAST AFRICA

Minimum Credits: 3
Maximum Credits: 3
Academic Career: Undergraduate
Course Component: Seminar
Grade Component: Letter Grade

ANTH 1737 - SPECIAL TOPICS IN CULTURAL ANTHROPOLOGY

Minimum Credits: 3
Maximum Credits: 3
This course will be on a topic in the area of specialization of a visiting scholar yet to be determined.
Academic Career: Undergraduate
Course Component: Seminar
Grade Component: LG/SNC Elective Basis

ANTH 1761 - PATIENTS AND HEALERS: MEDICAL ANTHROPOLOGY 1

Minimum Credits: 3
Maximum Credits: 3
This course surveys the field of medical anthropology and its history within the discipline of anthropology as a whole, from the perspective of social-cultural theory. Topics dealt with include ethnomedicine, ethnographic cases, cross-cultural studies of healing practices and connections between medicine and religion. Reference is also made to applied research in contemporary situations.
Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: ANTH 0780

ANTH 1787 - SPECIAL TOPICS IN CULTURAL ANTHROPOLOGY

Minimum Credits: 1
Maximum Credits: 4
This course will be on a topic in the area of specialization of a visiting scholar yet to be determined.
Academic Career: Undergraduate
Course Component: Directed Studies
Grade Component: LG/SNC Elective Basis

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

Astronomy

ASTRON 0089 - STARS, GALAXIES AND THE COSMOS

Minimum Credits: 3

Maximum Credits: 3

This course deals primarily with astronomical objects lying outside our solar system. The level is appropriate for non-science students.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Biology

BIOL 0202 - MICROBIOL FOR ALLIED HEALTH PROFESSIONALS

Minimum Credits: 4

Maximum Credits: 4

Principles of medical microbiology and immunology. Control of infectious disease and host-parasite relationships will be emphasized using a systemic approach to the study of infectious disease.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOL 0212 - HUMAN ANATOMY AND PHYSIOLOGY 1

Minimum Credits: 3

Maximum Credits: 3

A study of the gross and microscopic anatomy, physiology, and homeostatic mechanisms of the human body, stressing the relationship of structure to function. This semester covers cell types and tissues and the cellular processes of osmosis, diffusion, and active and passive transport; the integumentary system; the skeletal system and joints and bone metabolism; the muscular system and mechanisms of muscular contraction; the nervous system, mechanism of nerve impulse conduction, and the special and somatic senses. Three hours of lecture per week.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOL 0213 - HUMAN ANATOMY AND PHYSIOLOGY 2

Minimum Credits: 3

Maximum Credits: 3

A continuation of the study of human anatomy and physiology. This semester covers the cardiovascular system and regulation of heart rate, blood pressure and volume, blood typing, and exchange between blood and somatic cells; the respiratory system and mechanisms of acid-base balance; the endocrine system and the regulation of hormone action and release; the digestive system and control of digestive enzymes; the urinary system and electrolyte balance; the immune system, defense mechanisms, and the inflammatory process; nutrition and anabolic and catabolic processes; the reproductive system and its hormonal regulation; and growth and development. Three hours of lecture per week.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOL 0222 - HUMAN ANATOMY AND PHYSIOLOGY LAB 1

Minimum Credits: 1

Maximum Credits: 1

A study of the gross and microscopic anatomy, physiology, and homeostatic mechanisms of the human body, stressing the relationship of structure to function. This semester covers cell types and tissues and the cellular processes of osmosis, diffusion, and active and passive transport; the integumentary system; the skeletal system and joints and bone metabolism; the muscular system and mechanisms of muscular contraction; the nervous system, mechanism of nerve impulse conduction, and the special and somatic senses. Three hours of lab per week.

Academic Career: Undergraduate

Course Component: Credit Laboratory
Grade Component: LG/SNC Elective Basis

BIOL 0223 - HUMAN ANATOMY AND PHYSIOLOGY LAB 2

Minimum Credits: 1

Maximum Credits: 1

A continuation of the study of human anatomy and physiology. This semester covers the cardiovascular system and regulation of heart rate, blood pressure and volume, blood typing, and exchange between blood and somatic cells; the respiratory system and mechanisms of acid-base balance; the endocrine system and the regulation of hormone action and release; the digestive system and control of digestive enzymes; the urinary system and electrolyte balance; the immune system, defense mechanisms, and the inflammatory process; nutrition and anabolic and catabolic processes; the reproductive system and its hormonal regulation; and growth and development. Three hours of lab per week.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Biological Science

BIOSC 0031 - MICROBIOLOGY

Minimum Credits: 3

Maximum Credits: 3

Designed for nursing or other health care professions. Three major areas included are the microorganisms, the immune mechanism of the host, and the interaction of the host and the microorganisms in the disease process and in homeostasis. Major emphasis is placed on infectious diseases and infection control at the nursing level.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: CREQ: BIOSC 0032

BIOSC 0032 - MICROBIOLOGY LAB

Minimum Credits: 1

Maximum Credits: 1

Content is devoted to the development of student's basic laboratory skills and application of microbiological methods, and the course emphasizes performance, scientific investigation, and safety.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: Letter Grade

Course Requirements: CREQ: BIOSC 0031

BIOSC 0050 - FOUNDATIONS OF BIOLOGY LABORATORY 1

Minimum Credits: 1

Maximum Credits: 1

This is the first course in a two-course sequence on the study of organisms in the laboratory and the field. We will work with techniques that are important in biology and apply these techniques to illustrate basic biological principles, with an emphasis on living organisms. The laboratory exercises focus on cell structure and function, basic cellular processes, plant structure and function, and basic animal anatomy and physiology.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: BIOSC 0150 or 0715 or 0170 or 0190 or BIOL 0101 or 0110 or BIOENG 1070

BIOSC 0060 - FOUNDATIONS OF BIOLOGY LABORATORY 2

Minimum Credits: 1

Maximum Credits: 1

This one-credit laboratory course is the second in a two-course sequence designed to be an introduction to scientific inquiry in the biological sciences for majors in biology and related fields. You will use genetics, biochemistry, and molecular biology to undertake authentic research exploring the evolution of metabolic pathways in different species.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

BIOSC 0096 - INTRODUCTION TO HUMAN SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

Introduces the general principles of human structure and function to students who intend to enter the health related professions. The study begins at the cellular level and proceeds through tissues to organ systems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: BIOSC 0097

BIOSC 0097 - INTRODUCTION TO HUMAN SYSTEMS LABORATORY

Minimum Credits: 1

Maximum Credits: 1

Laboratory exercises designed to illustrate the principles of human structure and function.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: BIOSC 0096

BIOSC 0100 - PREPARATION FOR BIOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course is intended for students who have not had high school biology in the past five years to prepare them for taking Foundations of Biology 1 (BIOSC 0150) and 2 (BIOSC 0160). The lecture will cover a subset of topics from Foundations of Biology 1 and 2, including a discussion of basic chemistry used in biology, cell biology including mitosis and meiosis, an introduction to genetics and molecular biology. The weekly recitations will explore topics covered in lecture in more depth and integrate problem solving and study skills. Some laboratory exercises may also be included in the recitation period to re-enforce the lecture topics by giving students the opportunity to investigate the experimental aspect of biology. The laboratory exercises and assignments will focus on data analysis, problem-solving and writing skills.

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.

BIOSC 0150 - FOUNDATIONS OF BIOLOGY 1

Minimum Credits: 3

Maximum Credits: 3

This introductory course in biology is 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 to accomplish these basic functions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: BIOSC 0050

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

BIOSC 0160 - FOUNDATIONS OF BIOLOGY 2

Minimum Credits: 3

Maximum Credits: 3

This introductory course covers the basic principles of 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: CREQ: BIOSC 0060

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

BIOSC 0212 - HUMAN ANATOMY AND PHYSIOLOGY 1

Minimum Credits: 3

Maximum Credits: 3

The first course of a two-part sequence covering gross and microscopic anatomy and physiology of the human body with particular emphasis on the relationships between structure and function. Included in the two courses are cell biology, histology, and 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 system, endocrine, and reproductive systems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: 0214

BIOSC 0213 - HUMAN ANATOMY AND PHYSIOLOGY 2

Minimum Credits: 3

Maximum Credits: 3

This second course of the two-part sequence continues the study of gross and microscopic anatomy and physiology of the human body with particular emphasis on the relationships between structure and function.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0212; CREQ: BIOSC 0215

BIOSC 0214 - HUMAN ANATOMY AND PHYSIOLOGY LABORATORY 1

Minimum Credits: 1

Maximum Credits: 1

Laboratory exercises illustrating the anatomy and physiology of the human.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: 0212

BIOSC 0215 - HUMAN ANATOMY AND PHYSIOLOGY LABORATORY 2

Minimum Credits: 1

Maximum Credits: 1

Laboratory exercises illustrating the anatomy and physiology of the human.

Academic Career: Undergraduate
Course Component: Credit Laboratory
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: 0213 or CREQ: 0213

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 0160 and CHEM 0120; CREQ BIOSC 0351

BIOSC 0351 - GENETICS LABORATORY

Minimum Credits: 1

Maximum Credits: 1

Laboratory exercises designed to illustrate the major principles of genetics.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0160 and CHEM 0120; CREQ: BIOSC 0350

BIOSC 0370 - ECOLOGY

Minimum Credits: 3

Maximum Credits: 3

The objective of the course is to provide a broad introduction to the study of ecology at the undergraduate level, through the presentation of lectures dealing with organismal, population, community, and ecosystem levels of hierarchical organization. The contributions of laboratory and field investigations to the development of ecological knowledge will be considered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0160 or 0165 or 0716 or 0191 or 0180 or BIOL 0102 or 0120; Min Grade 'C' for all classes listed.

Course Attributes: Global Studies

BIOSC 0390 - ECOLOGY LABORATORY

Minimum Credits: 1

Maximum Credits: 1

The objective of the laboratory course is to provide students with practical experience in ecological methods and in the design, conduct, and analysis of ecological studies. Laboratory exercises are designed to correspond with major lecture topics presented in BIOSC 0370. Exercises will include laboratory and field studies.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0060 or 0067 or 0068 or 0080 or 0191 or BIOL 0102 or 0121; CREQ: BIOSC 0370 or 0371 or BIOL 1430 or 1515; Min Grade 'C' for all classes listed. LVL: Junior or Senior

BIOSC 0810 - BIOLOGY FOR NON-MAJORS 2

Minimum Credits: 3

Maximum Credits: 3

At an ever-increasing pace, issues of biological relevance are confronting the citizenry of this country and the world. Ranging from personal through political to global, these issues require that individuals have at least a rudimentary knowledge of basic biological phenomena in order to make informed decisions. The major goal of this course, together with its companion, BIOSC 0800, is to provide students (citizens) with the intellectual tools needed to approach these issues as they arise.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BIOSC 0820 - ENVIRONMENTAL SCIENCE

Minimum Credits: 3

Maximum Credits: 3

A course for non-science majors utilizing basic scientific principles to investigate human interactions with the environment. The social, political and economic effects of these interactions will also be studied. Topics include scientific principles; populations and health concerns; food, land, and biological resources; and society and the environment. Through an understanding of science and the possible consequences of human decision-making regarding the environment, students are equipped to become better citizens.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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 0160 or 0716 or 0191 or 0180 or BIOENG 1071 or BIOENG 1072 or BIOL 0102 or 0120 and (CHEM 0120 or 0102 or 0112 or 0420 or 0720 or 0770 or 0970) (Min Grade 'C' for these courses) and (CHEM 0310 or 0350 or 0730 or 0206 or 0231)

BIOSC 1590 - SPECIAL TOPICS IN BIOLOGICAL SCIENCE

Minimum Credits: 1

Maximum Credits: 3

A single major topic in biology will be developed and explored by students in the form of student presentations of current and/or historical literature.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

Business Information Systems

BIS 0015 - HARDWR MAINTEN & SOFTWR SUPPORT

Minimum Credits: 3

Maximum Credits: 3

Instructs students in basic pc hardware maintenance. Software support is also covered; students deal with trouble shooting software problems, logical resolutions of problems, and logging problems and solutions into a database for reference. Students are required to volunteer for 25 hours in the computer lab assisting students with problems.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: PREQ: CS 0131

BIS 1317 - NETWORK AND OPERATING SYSTEMS

Minimum Credits: 3

Maximum Credits: 3

Introduces students to the basics of computer network setup. Provides the core foundation to install, configure, customize, optimize, network, integrate, and troubleshoot windows client software. Setup of a peer-to-peer network is reviewed, as well as integrating windows clients into an existing server environment.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Business

BUS 0102 - PRINCIPLES OF MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

Examines the systems philosophy in business and industry and the importance of the systems concept for supervisors. Includes discussions of values, attitudes, employee and organizational development, and kindred matters.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BUS 0103 - INTRODUCTION TO BUSINESS

Minimum Credits: 3

Maximum Credits: 3

An introduction to business utilizing a "practical application" approach rather than the usual theoretical method. Students will observe the roles in business of the organization and management of contemporary business, production fundamentals, human resources, marketing, finance, insurance, accounting, decision making and computers and management information systems.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BUS 0106 - BUSINESS LAW

Minimum Credits: 3

Maximum Credits: 3

A survey of those areas of the law which are of particular importance to the individual in the business world. A framework will be developed based on the law of contracts and will deal with a number of topics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BUS 0108 - SMALL BUSINESS MANAGEMENT

Minimum Credits: 3

Maximum Credits: 3

Course provides an overview of the role of small business in the free enterprise system. Covers entrepreneurship, opportunities and trends, starting a new venture, franchising, business planning, legal aspects, financing, and managing an ongoing venture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

BUS 1111 - CORPORATE FINANCE

Minimum Credits: 3

Maximum Credits: 3

An introductory finance course designed for basic understanding of business finance and investments. It covers financial institutions, markets, investments, and business financing.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ACCT 0111

BUS 1301 - PRINCIPLES OF MARKETING

Minimum Credits: 3

Maximum Credits: 3

The concepts of marketing management are introduced through discussion of the four P's of marketing - the right product in the right place, properly priced, and effectively promoted.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ACCT 0111

BUS 1398 - BUSINESS SPECIAL TOPICS

Minimum Credits: 1

Maximum Credits: 1

Academic Career: Undergraduate

Course Component: Independent Study

Grade Component: Letter Grade

BUS 1399 - BUSINESS MANAGEMENT INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Selected topics in an identified area of study in business.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

Course Requirements: BUS 1399 requires 2.5 GPA, Sophomore Status, Division Consent

Civil Engineering

CE 0109 - COMPUTER METH IN CIVIL ENGRG 1

Minimum Credits: 3

Maximum Credits: 3

An introduction to the use of computers in civil engineering. Topics covered include: personal computers; the mainframe system; word processing; spreadsheets; graphics; cad system; numerical analysis; and civil engineering software packages.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Chemical Engineering

CHE 0035 - INTRODUCTRY CHEMICAL ENGINEERING

Minimum Credits: 4

Maximum Credits: 4

The principles of conservation of mass and energy are applied to the analysis of chemical processes. Included are material balance for multiple unit processes with recycle, p-v-t properties of gases and gas-vapor mixtures, thermochemistry, combined material and energy balances, and vapor-liquid equilibrium.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

CHE 0036 - CHEMCL ENGRNG THERMODYNAMICS 1

Minimum Credits: 3

Maximum Credits: 3

Development of the laws of thermodynamics using a macroscopic approach. Fundamental concepts are stressed. Emphasis is placed on chemical engineering applications in problem recitation sessions. Concepts of work, heat, internal energy, potential energy, kinetic energy, enthalpy, entropy, and free energy are developed. Thermodynamic properties and equations of state are defined.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

Chemistry

CHEM 0100 - PREPARATION GENERAL CHEMISTRY

Minimum Credits: 3

Maximum Credits: 3

This course is designed for those students who intend to take chemistry 0110 and 0120, but whose science and mathematical backgrounds are judged by their advisors to be relatively weak. The course emphasizes stoichiometry (chemical calculations), chemical equations, gas laws, elementary atomic structure and periodic properties of elements.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CHEM 0103 - BIOLOGICAL CHEMISTRY

Minimum Credits: 4

Maximum Credits: 4

A survey of inorganic chemistry, and carbohydrate, lipid, and protein chemistry. The course covers atomic structure, properties of matter, nature of chemical bonds and valence, chemical reactions and equilibria, acid-base and oxidation reduction reactions, elementary radiochemistry and some chemical arithmetic.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: UPB Life or Physical Sci. General Ed. Requirement

CHEM 0106 - CHEMISTRY OF THE ENVIRONMENT

Minimum Credits: 3

Maximum Credits: 3

A global view of the environment and its impact on our changing way of life is presented. How chemistry works and how chemistry is interconnected

with other areas of life are studied. Environmental and resource problems and possible solutions are examined. Accurate and up-to-date material is presented using scientific analysis and mathematics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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: CREQ: 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 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 or 0710 or 0760 or 0960 or 0101) or (CHEM 0410 and 0430) or (CHEM 0111 and 0113)

Course Attributes: DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req., SCI Polymathic Contexts: Science Seq.GE. Req.

CHEM 0187 - DRUGS AND SOCIETY

Minimum Credits: 3

Maximum Credits: 3

The course intended for non-science majors provides facts about drug sources, history, action in the body, side-effects, interactions; tolerance, abuse potential, dependency; drug delivery systems and alternatives will be covered. All major classes of drugs will be covered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CHEM 0197 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 6

Independent study in a topic in chemistry.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

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 and 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: CREQ: CHEM 0250 or 0201 or 0325

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 0720 or 0770 or 0970 or 0102 or CHEM 0420) or (CHEM 0112 and 0114)

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 and CREQ: 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: CREQ: CHEM 0310 or 0730 or 0206 or 0231

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: PREQ: 0330 and CREQ: 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

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

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

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

CLASS 0500 - 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 traditions of Turkey and the near east, Egypt, Greece and Rome. Special attention will be paid to (1) the relationship between the artistic traditions of individual 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

CLASS 1130 - CLASSICAL MYTHOLOGY AND LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course examines how authors of classical antiquity used the traditional figures and stories of their culture's mythology as material for works of literature.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Childrens Literature, DSAS Geographic Region General Ed. Requirement, DSAS Literature General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

CLASS 1210 - GREEK HISTORY

Minimum Credits: 3

Maximum Credits: 3

A survey of the history of ancient Greece, with special emphasis on political and social developments during the fifth century B.C.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CLASS 1220 - ROMAN HISTORY

Minimum Credits: 3

Maximum Credits: 3

A survey of the history of Rome from the earliest times through the late empire, with particular emphasis on political and social developments during the late republic and early empire.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CLASS 1430 - 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

Engineering, Computer

COE 0031 - LINEAR CIRCUITS AND SYSTEMS 1

Minimum Credits: 4

Maximum Credits: 4

The analysis of linear circuits. Electric variables and circuit elements; kirchoff's and ohm's law; mesh and node equations; thevenin and norton equivalent circuits; first and second-order circuits; time domain analysis.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: (MATH 00150 or 0230 or 0231 or 0235) and (PHYS 0152 or 0175 or 0202 or 0476); PLAN: Computer Engineering (BSE)

COE 0041 - LINEAR CIRCUITS AND SYSTEMS 2

Minimum Credits: 3

Maximum Credits: 3

Sinusoidal steady-state analysis, network functions, real and reactive power, three-phase circuits, laplace transform method, two-port networks, and fourier series.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: ECE 0031 OR COE 0031

COE 0132 - DIGITAL LOGIC

Minimum Credits: 3

Maximum Credits: 3

Introduction to digital systems, boolean algebra, minimization of logic functions, combinational and sequential circuit design.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: (MATH 00150 or 0230 or 0231 or 0235) and (PHYS 0152 or 0175 or 0202 or 0476); PLAN: Computer Engineering (BSE)

COE 0401 - INTERMEDIATE PROGRAMMING USING JAVA

Minimum Credits: 4

Maximum Credits: 4

This course is a rigorous introduction to the fundamental concepts and techniques of computer programming using the java programming language. This is a first course for students who intend to major in computer science or computer engineering.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COE 0441 - DISCRETE STRUCTURES FOR COMPUTER SCIENCE

Minimum Credits: 3

Maximum Credits: 3

The purpose of this course is to understand and use abstract discrete structures that are the 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 0031

COE 0445 - DATA STRUCTURES

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 which use recursion, reference variables, and dynamic memory allocation. Students in this course are also introduced to various searching and sorting methods and are 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: COE 0401 or CS 0401

COE 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: CREQ: COE 0445 or CS 0445; PLAN: Computer Engineering

Communication

COMM 0101 - INTRO TO HUMAN COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

An introduction survey course designed to familiarize students with the many contexts of human communication, such as interpersonal, small-group, organizational, public speaking and media communication.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COMM 0201 - MASS MEDIA AND SOCIETY

Minimum Credits: 3

Maximum Credits: 3

Survey of the role of the mass media in American society and exploration of the uses of these media in public relations. Special emphasis will be given to methods of examining the control, content, audience, and effects of the press, radio, television, and motion pictures.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COMM 0205 - SMALL GROUP COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

Designed to help students improve leadership and membership skills within the small group environment. A major research project is required.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Communication: Rhet & Comm

COMMRC 0320 - MASS COMMUNICATION PROCESS

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

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

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 0540 - DISCUSSION

Minimum Credits: 3

Maximum Credits: 3

This course is designed to increase skills in critical thinking, decision making, and small group discussion. Students are introduced to theories of

group process and practice step-by-step group problem solving related to contemporary issues.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

COMMRC 1106 - SMALL GROUP COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

Principles of small group communication are examined in this course. In particular, the examination will reveal the principles of group entry, group formation, group cohesiveness, group verbal and nonverbal message exchanges, group leadership, group problem solving and discussion, and group performance and satisfaction. Individual beliefs, attitudes and behaviors will be compared and contrasted with group beliefs, attitudes and behaviors.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: (COMMRC 0300 or 0030 or 0100 or 7300 or COMM 0101) and [ENGCOMP 200 or (ENGCOMP 0203 or 0205 or 0207 or 0208 or 0250 or FP 0003 or 0006 or ENGCOMP 0004 or 0006 or 0020 or ENG 0102)]

Computer Science

CS 0004 - INTRODUCTION TO COMPUTER PROGRAMMING-BASIC

Minimum Credits: 3

Maximum Credits: 3

This is a first course in computer science. It is designed to be of special interest to students majoring in one of the social sciences or humanities. Objectives of this course include use of the computer in an interactive environment; problem analysis and the development of algorithms; learning the basic language; designing; coding; and documenting programs using techniques of good programming style.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

CS 0007 - INTRODUCTION TO COMPUTER PROGRAMMING

Minimum Credits: 3

Maximum Credits: 3

This is a first course in computer science programming. It is recommended for those students intending to major in computer science who do not have the required background for cs 0401. It may also be of interest to students majoring in one of the social sciences or humanities. The focus of the course is on problem analysis and the development of algorithms and computer programs in a modern high-level language.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement

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 0131 - SOFTWARE FOR PERSONAL COMPUTING

Minimum Credits: 3

Maximum Credits: 3

An intermediate-level course in computer science for students majoring in areas other than computer science. Objectives include a non-technical study of the windows NT operating system; development of applications using software selected from the principal areas of applications for personal computing. These include word-processing (MS Word), spreadsheets (MS Excel), and relational databases (MS Access).

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 0135 - ADV SOFTWARE-PERSNL COMPUTING

Minimum Credits: 3

Maximum Credits: 3

Advanced study of the application and efficient use of software tools. Advanced word, advanced excel, access, PowerPoint, basic publisher, and basic FrontPage will be reviewed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: CS 0131

CS 0180 - DATABASE DESIGN

Minimum Credits: 3

Maximum Credits: 3

Programming in a high-level language (such as visual basic). Integration of data collected into a database (such as access). Designed for business students.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

CS 0334 - INTERMEDIATE WEB SITE DESIGN AND DEVELOPMENT

Minimum Credits: 3

Maximum Credits: 3

The course will consist of advanced implementations of both markup as well as scripting languages. In addition, students will be introduced to a graphical interface application that will allow them to explore concepts of server side web development. A reflective programming language and database application will be used to introduce the server side web development concepts.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: CS 0007 or CS 0134

CS 0401 - INTERMEDIATE PROGRAMMING USING JAVA

Minimum Credits: 4

Maximum Credits: 4

This course is a rigorous introduction to the fundamental concepts and techniques of computer programming using the java programming language. This is a first course for students who intend to major in computer science.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement

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 0031

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 COE 0401 or 0422 or CIST 0150 (MIN GRADE 'C' or Transfer)

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: CREQ: CS 0445 or COE 0445 or 0458 (Min Grade 'C' or Transfer)

CS 1399 - COMPUTER SCIENCE INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Academic Career: Undergraduate

Course Component: Internship

Grade Component: Letter Grade

Course Requirements: GPA greater or equal to 2.5; LVL: Sophomore

Electrical Engineering

ECE 0031 - LINEAR CIRCUITS AND SYSTEMS 1

Minimum Credits: 4

Maximum Credits: 4

The analysis of linear circuits. Electric variables and circuit elements; Kirchhoff's and Ohm's Law; Mesh and Node Equations; Thevenin and Norton equivalent circuits; first and second-order circuits; time domain analysis.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: (MATH 0150 or 0230 or 00231 or 0235) and (PHYS 0152 or 0175 or 0202 or 0476); PROG: Swanson School of Engineering

ECE 0041 - LINEAR CIRCUITS AND SYSTEMS 2

Minimum Credits: 3

Maximum Credits: 3

Sinusoidal steady-state analysis, network functions, real and reactive power, three-phase circuits, laplace transform method, two-port networks, and Fourier series.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: ECE 0031 or COE 0031; PLAN: Electrical Engineering or Computer Engineering

ECE 0132 - DIGITAL LOGIC

Minimum Credits: 3

Maximum Credits: 3

Introduction to digital systems, Boolean algebra, minimization of logic functions, combinational and sequential circuit design.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: (MATH 0150 or 0230 or 0231 or 0235) and (PHYS 0152 or 0175 or 0202 or 0476); PROG: Undergraduate Swanson School of Engineering

ECE 0142 - COMPUTER ORGANIZATION

Minimum Credits: 3

Maximum Credits: 3

Digital computer data representation, instruction formats, control, memory and input-output units, microprocessors, minicomputers.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: ECE 0132 or COE 0132; PROG: Swanson School of Engineering

EE 0132 - DIGITAL LOGIC

Minimum Credits: 3

Maximum Credits: 3

Introduction to digital systems, Boolean algebra, minimization of logic functions, combinational and sequential circuit design.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

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 Requirements: PREQ: MATH 0031 or permission of instructor

Course Attributes: DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

ECON 0200 - GAME THEORY PRINCIPLES

Minimum Credits: 3

Maximum Credits: 3

This course introduces the basic concepts of game theory. The emphasis is on the unifying perspective that game theory offers to questions in economics, other disciplines, and everyday life. The course draws on a wide range of substantive and intellectually stimulating applications of game theory across areas in economics, other disciplines, and beyond. It will enable students to view social interactions as strategic games, to use game theoretic concepts to predict behavior in these interactions and to conceive of ways in which altering the game affects social outcomes.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ECON 0206 - INTERMEDIATE MICROECONOMICS

Minimum Credits: 3

Maximum Credits: 3

The theories and techniques of price and output are studied. Topics include the theory and measurement of demand, production functions, cost output relationships, pricing practices in competitive and oligopolistic markets, the roles of prices and profit in resource allocation and the functioning of a decentralized economic system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ECON 0100, CS 0135, STAT, algebra proficiency, or permission of instructor

ECON 0230 - INTRODUCTION TO PUBLIC ECONOMICS

Minimum Credits: 3

Maximum Credits: 3

The objectives of this course are - to illustrate how basic economic principles can be used to determine the economic effects of government expenditure and tax policies; to develop the students' ability to analyze issues and to recognize the value judgments which lie behind various positions taken in current policy debates.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ECON 0100 or ECON 0800

ECON 0280 - INTRODUCTION TO MONEY AND BANKING

Minimum Credits: 3

Maximum Credits: 3

The course is directed toward giving the student an insight into the role that monetary policy and financial markets play in the economy. It will cover both the theoretical and institutional aspects of banking necessary to function successfully in the business world. One object of the course is to give the student the ability to analyze and appraise critically the monetary policy of federal reserve system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ECON 0400 - LABOR AND THE ECONOMY

Minimum Credits: 3

Maximum Credits: 3

An introductory survey of contemporary labor developments and issues. Readings and lectures have a more historical and institutional perspective and less emphasis on analytical techniques than other labor offerings.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ECON 0500 - INTRODUCTION TO INTERNATIONAL ECONOMICS

Minimum Credits: 3

Maximum Credits: 3

Provides an introduction to international economics. Half the topics are pure theory, half international monetary economics. Topics from the real world are analyzed. Topics include alternative pure trade theories; effects of trade barriers; U.S. commercial policy; forms of regional integration; balance of payments; elimination of balance of payments disequilibrium; international monetary system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

ECON 0800 - INTRODUCTION TO ECONOMICS

Minimum Credits: 3

Maximum Credits: 3

A one-term course designed primarily for the non-major. The main goals are to create interest in the study of economics and introduce some basic tools economists use to analyze social issues. Issues range from farm subsidies to changes in income tax rates to changes in spending on crime reduction.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

ECON 1307 - ECONOMICS OF ENERGY & ENVIRONMNT

Minimum Credits: 3

Maximum Credits: 3

The course will examine the role of energy in economic development, models of efficient energy management, OPEC behavior and world oil crisis. Coverage extends into environmental issues (air pollution, solid waste, acid rain) and government policies.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ or COREQ: MATH 0031

Educational Psychology

EDPSY 0006 - INTRO TO EDUCATIONAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

Deals with the psychological aspects of the educational process. Theories and research from both psychology and educational psychology are examined in the areas of cognitive and social development, individual differences, culture, cognitive processes, learning, motivation, classroom management, and measurement.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

English

ENG 0100 - INTRODUCTION TO COLLEGE COMPOSITION

Minimum Credits: 3

Maximum Credits: 3

Designed to build self-confidence in the use of standard written English, including the ability to compose clear and correct standard English prose in sentences, paragraphs, and short essays.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ENG 0101 - ENGLISH COMPOSITION 1

Minimum Credits: 3

Maximum Credits: 3

The first of two required competency courses in English composition, this course focuses on the writing process and on the kinds of writing common in the academic disciplines.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREREQ: C- or better in ENG 0100 or by placement exam or SAT

ENG 0102 - ENGLISH COMPOSITION 2

Minimum Credits: 3

Maximum Credits: 3

This is an extension of the skills mastered in ENG 0101, this course focuses on the processes of researching, writing, and presenting a term paper.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: ENG 0102 Requires PREQ of C- or better in ENG 0101

ENG 0218 - INTRO TO LITERATURE & ENVIRON

Minimum Credits: 3

Maximum Credits: 3

An introduction to some of the ways nature and the environment have been represented in poetry, fiction, film, and essays. Students will read some of the major literary statements about the environment by such writers as Aldo Leopold, John Muir, Henry David Thoreau, William and Dorothy Wordsworth, and others. The course will also look at nature writing as an exploration of religious, ethical, aesthetic, and other human concerns not obviously related to the non-human world.

Academic Career: UGRD

Course Component: Lecture

Grade Component: Letter Grade

English Composition

ENGCOMP 0150 - WORKSHOP IN COMPOSITION

Minimum Credits: 3

Maximum Credits: 3

This course is designed to give students who have had limited experience with writing an opportunity to increase their control of written language and their confidence in performing academic inquiry, analysis and argument. Students write in response to weekly assignments, and instruction focuses on helping students to extend, revise, and edit their work.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Workshop in Comp. General Ed. Requirement

ENGCOMP 0200 - SEMINAR IN COMPOSITION

Minimum Credits: 3

Maximum Credits: 3

This introductory course offers students opportunities to improve as writers by developing their understanding of how they and others use writing to interpret and share experience, affect behavior, and position themselves in the world. Specific reading and writing assignments may vary from section to section, but student writing will be the primary focus in all sections. The course is designed to help students become more engaged, imaginative, and disciplined composers.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0150 or ENGCOMP 0152

Course Attributes: DSAS Seminar in Comp. General Ed. Requirement, DSAS Workshop in Comp. General Ed. Requirement, SCI Expression: Intro Composition General Ed. Req.

ENGCOMP 0211 - LIBRARY RESEARCH METHODS

Minimum Credits: 1

Maximum Credits: 1

Provides the opportunity for students to acquire skills in library research techniques. Professional librarians instruct students in developing search strategies for gathering information using such resources as the online catalog, periodical indexes, electronic resources, and others.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis
Course Requirements: ENGCOMP 0211 requires PREQ or COREQ ENG 0101

ENGCOMP 0400 - WRITTEN PROFESSIONAL COMMUNICATION

Minimum Credits: 3

Maximum Credits: 3

This course explores the methods of inquiry, analysis and composition characteristic of written communication in professional settings. The course will examine such writing's specialized use of language, conventions and formats, premises, motives, and purposes. By preparing letters, resumes, proposals, reports, etc. Students will get a feel not only for what "professional" communication is, but also for how and why it does, or can, or should function.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0200

Course Attributes: SCI Expression: Tech/Bus/Res writing Gen. Ed. Req., Writing Requirement Course

ENGCOMP 0440 - CRITICAL WRITING

Minimum Credits: 3

Maximum Credits: 3

Students in this course will be trained in the responsible development and articulation of written opinions. Material drawn from various media will be used to help students increase their powers of observation and analysis that they may learn the art of making discriminating evaluations of situations, events, issues, controversies, artifacts and objects.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: ENGCOMP 0200 or equivalent

Course Attributes: Writing Requirement Course

ENGCOMP 0600 - INTRODUCTION TO TECHNICAL WRITING

Minimum Credits: 3

Maximum Credits: 3

This introductory course is for students in various technical fields. Representative technical reports will be studied, as well as abstracts, the presentation of visuals and oral communication. Writing assignments will emerge from case studies reflecting on-the-job challenges.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

English Film

ENGFLM 0400 - INTRODUCTION TO FILM

Minimum Credits: 3

Maximum Credits: 3

This is a basic course on the visual arts that offers the student abroad introduction to the medium of film. As part of this overview, the class will consider such issues as: the process of contemporary film production and distribution; the nature of basic film forms; selected approaches to film criticism; comparisons between film and the other media.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS The Arts General Ed. Requirement, Film Studies, SCI Polymathic Contexts: Humanistic GE. Req.

English Literature

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 Requirement Course

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 Requirement Course

ENGLIT 0345 - LITERATURE AND THE ENVIRONMENT

Minimum Credits: 3

Maximum Credits: 3

In this course, students will read and write about the environment and its issues as expressed through literature. Readings in fiction, poetry, and non-fiction will explore how the geography of a location influences the character of its inhabitants, and how the forces of nature affect their lives and fortunes. Writing will consist of personal and critical short essays as well as a longer essay/project involving independent readings and research.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

ENGLIT 0354 - WORDS AND IMAGES

Minimum Credits: 3

Maximum Credits: 3

This interdisciplinary course explores the relationships between language and the diverse kinds of images that often accompany it (film, video, photography, book illustration, painting, etc.). The goal is to study the parallels and differences between images and words (as systems of communication) and to understand how they can productively interrelate within creative works such as literature, films, videos, and photographic studies.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: C- or better in ENGCOMP 0150

ENGLIT 0370 - LITERATURE AND IDEAS

Minimum Credits: 3

Maximum Credits: 3

This course studies invention and interpretation, and explores the various ways writers produce texts and readers make them make sense. Though texts may change from section to section and instructor to instructor, they always stimulate investigation into reading and writing as ways of knowing.

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 Requirement Course

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

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 Requirement Course

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 Requirement Course

ENGLIT 0590 - FORMATIVE MASTERPIECES

Minimum Credits: 3

Maximum Credits: 3

This course will study in some detail eight or nine of those masterpieces which form the largest part of what we now regard as the Western tradition of literature. The works chosen will come from various genres--epic poetry, drama, the novel, and satire. They will span the centuries from the classical periods of ancient Greece and Rome through the Renaissance and into the nineteenth century.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

ENGLIT 0597 - BIBLE AS LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This introductory course acquaints students with what is in the bible and provides background information drawn from various disciplines about the elements and issues that give it its distinctive character. Attention is necessarily given to its religious perspectives, since they govern the nature and point of view of the biblical narratives, but no specific religious view is urged.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

ENGLIT 0610 - 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 Requirements: C- or better in ENGCOMP 0150

ENGLIT 0617 - CHANGING FAMILIES

Minimum Credits: 3

Maximum Credits: 3

This course will explore varying literary representations of unconventional families including families made by adoption, foster families resulting from migration, multiracial families, and families involving gay, lesbian, or transgender parents or children. Considering different points of view, it will examine plots involving search for family, search for identity, construction of family, loss, conflict, poverty, prejudice, and reconciliation. The course will explore how these works portray and relate to changing attitudes toward childhood, parenthood, heredity, nurture, race, class, nation, and sexuality. As a literature course, it will train students in close reading and critical analyses of texts.

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 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 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: PREQ: C- or better in ENGCOMP 0150

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

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

Engineering

ENGR 0011 - INTRO 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: PREQ or COREQ: MATH 0220 and ENGR 0081

ENGR 0012 - INTRO 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 0011 and CREQ: MATH 0230 and ENGR 0082

ENGR 0020 - PROBABILITY AND STATISTICS FOR ENGINEERS 1

Minimum Credits: 4

Maximum Credits: 4

An introductory course in statistics. Topics covered include: data analysis, probability, random variables, selected discrete and continuous probability distributions, one sample and two sample estimation, hypothesis testing, experiments with two factors and introduction to regression analysis.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: MATH 0150 or 0230 or 0231 or 0235; PROG: Swanson School of Engineering

ENGR 0022 - MATERIALS STRUCTURE AND PROPERTIES

Minimum Credits: 3

Maximum Credits: 3

An introduction to the basic concepts of materials science and engineering. The concepts of atomic, crystal, micro- and macro-structure, their control and effects on chemical, electrical, magnetic, optical, and mechanical properties. Modification of properties by heat treatment and control of processing. Fundamental considerations in materials selection.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: (MATH 0150 or 0230 or 0231 or 0235) and (PHYS 0150 or 0174 or 0201 or 0475); PROG: School of Engineering

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

Course Requirements: CREQ: ENGR 0011 or 0711

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

Course Requirements: PREQ: ENGR 0081; CREQ: ENGR12

English Writing

ENGWRT 0400 - INTRODUCTION TO CREATIVE WRITING

Minimum Credits: 3

Maximum Credits: 3

This course offers the opportunity to experiment with forms of poetry and fiction and to read and discuss from a writer's point of view contemporary writing in these genres.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: C- or better in ENGCOMP 0200

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: C- or better in ENGCOMP 0200

French

FR 0001 - ELEMENTARY FRENCH 1

Minimum Credits: 3

Maximum Credits: 3

This course will introduce the student to the oral-aural and reading-writing skills in the language. From the outset, students learn to use the spoken language and begin to work on good pronunciation, while at the same time developing the listening comprehension, reading, and writing skills.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

FR 0002 - ELEMENTARY FRENCH 2

Minimum Credits: 3

Maximum Credits: 3

This course introduces the students to the oral-aural and reading-writing skills in the language. From the outset, students learn to use the spoken language and begin to work on good pronunciation, while at the same time developing the listening comprehension, reading, and writing skills. This course is a logical continuation of elementary French 0001.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: FR 0001

FR 0101 - ELEMENTARY FRENCH 1

Minimum Credits: 3

Maximum Credits: 3

A study of the grammar and vocabulary of elementary spoken and written French. Stresses grammatical structure and its correct application.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: UPB Global General Ed. Requirement, UPB Language General Ed. Requirement

FR 0102 - ELEMENTARY FRENCH 2

Minimum Credits: 3

Maximum Credits: 3

A continuation of elementary French 1. A study of the grammar and vocabulary of elementary spoken and written French. Stresses grammatical structure and its correct application.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: FR 0102 requires pre-requisite of FR 0101

Course Attributes: DSAS Second Language General Ed. Requirement, UPB Global General Ed. Requirement, UPB Language General Ed. Requirement

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

Geology

GEOL 0024 - METEOROLOGY

Minimum Credits: 4

Maximum Credits: 4

This course will provide students with an overview of the earth's weather systems. Emphasis will be on lab-centered, hands-on activities designed to demonstrate weather phenomena through a holistic approach. Topics will include, but are not limited to, structure and composition of the atmosphere, global patterns of circulation, pressure systems, fronts, air masses, weather maps and weather prediction, and climate systems. Students will be required to complete weekly assignments; there will be a semester project; at least one class session will be a field trip.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

GEOL 0101 - PHYSICAL GEOLOGY

Minimum Credits: 4

Maximum Credits: 4

This course serves as an introduction to the earth sciences. The lectures and laboratory exercises will cover a broad range of topics related to the physical geology, but also minor aspects of the historical geology. The topics covered include, but not limited to, Maps, Minerals, Rocks, Tectonic activity, Volcanoes, Sediments, Geologic time, Natural resources, Landscapes, Hazards, Life through time, and Evolution, etc. The course has a three (3) hour lab component during which you will be conducting a variety of laboratory exercises which will allow you to review and understand important geologic concepts and processes. Physical Geology is a laboratory science course and satisfies the Physical Science (PH) and science lab requirement for the General Education (GE). The lecture and the laboratory elements are integrated.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

GEOL 0800 - GEOLOGY

Minimum Credits: 3

Maximum Credits: 3

Geology is the study of how the earth works. This class covers the classification and origin of basic rocks and minerals; examines the role of plate tectonics in shaping the earth and producing such hazards as earthquakes and volcanoes; and examines the forces that shape beaches and rivers and sometimes threaten our lives and property. We also survey the evidence for changing climate and the future of such resources as groundwater, fossil fuels, and ores.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

GEOL 0802 - GEOLOGY OF THE NATIONAL PARKS

Minimum Credits: 3

Maximum Credits: 3

The magnificent scenery of the national parks provides a backdrop to an exploration of the basic geological principles that govern the creation and development of landscapes. The geological history of the North American continent will be explored in order to provide a framework in which to

understand the development of the landscapes of our country.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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

History of Art and 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 0020 - INTRODUCTION TO ASIAN ART

Minimum Credits: 3

Maximum Credits: 3

This base level survey is meant, on the one hand, to introduce the student to the arts of Japan, China, and India and on the other, to teach some fundamental techniques of visual analysis. The course considers the development of Chinese bronzes, Chinese Buddhist sculpture, Indian Hindu and Buddhist sculptures, and Japanese temples, sculptures, and paintings.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Asian Studies, 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.

HAA 0040 - INTRODUCTION TO WESTERN ARCHITECTURE

Minimum Credits: 3

Maximum Credits: 3

Introduces students to the conscious observation and analysis of architecture and to a broad survey of the major masterpieces of architecture in Western civilization. Formative concepts behind the designs, structural principles involved in the construction, and societal values promoted and reinforced by the formal character of buildings will be considered along with the analysis of style. Required for the architectural studies major and recommended as a beginning course for others interested in architecture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Architectural Studies, DSAS The Arts General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

HAA 0050 - INTRODUCTION TO MEDIEVAL ART

Minimum Credits: 3

Maximum Credits: 3

A survey of the architecture, painting, sculpture and minor arts of the medieval world from ca. 300 To ca. 1450 With the emphasis on visual analysis of period styles.

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., West European Studies

HAA 0070 - ART OF EUROPE

Minimum Credits: 3

Maximum Credits: 3

An introduction to European art and architecture from the early Renaissance to the present. The course will also include American works from the 18th century onwards.

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., West European Studies

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

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 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 0440 - FRANK LLOYD WRIGHT

Minimum Credits: 3

Maximum Credits: 3

This course will deal with the life of the man who was America's greatest architect and one of the principal world figures in the art of building in the Twentieth Century. The lectures will treat his formation as an architect as well as the development of his career and will focus upon a theoretical analysis of wright's work in comparison with that of his great contemporaries.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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

History

HIST 0100 - WESTERN CIVILIZATION 1

Minimum Credits: 3

Maximum Credits: 3

The study of others leads back to ourselves. We learn about men and women from the past in order to compare their experience to our own, hoping that the comparison will make us more aware of the opportunities and limitations of present-day life. As an introduction to history, this course tries to suggest the excitement and uncertainties of studying the past. We begin at the time of the crusades, and continue through Renaissance and Reformation to the eve of Industrial Revolution.

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, Global Studies, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

HIST 0101 - WESTERN CIVILIZATION 2

Minimum Credits: 3

Maximum Credits: 3

A history of the West from the Industrial Revolution to the late Twentieth Century, the period when Europe and its overseas extensions dominated world history.

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, Global Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

HIST 0300 - RUSSIA TO 1860

Minimum Credits: 3

Maximum Credits: 3

This course examines the social, political, economic and intellectual developments of Russia from the Great Reforms of Peter to the Emancipation of the Serfs in 1861.

Academic Career: Undergraduate

Course Component: Lecture
Grade Component: LG/SNC Elective Basis

HIST 0301 - RUSSIA TO 1917

Minimum Credits: 3
Maximum Credits: 3

This course analyzes the major social and economic problems of the Russian Empire from the emancipation of 1861 through the Revolution of 1917. The emphasis is on understanding the major issues that precipitate the first "socialist" Revolution in European history.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

HIST 0302 - SOVIET RUSSIA

Minimum Credits: 3
Maximum Credits: 3

This course examines the history of the USSR from 1917 to the present. Particular attention is paid to the revolutionary transformation of society, the construction of the Soviet state and Soviet society, and to the ways in which state and society relate.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

HIST 0401 - MODERN EAST ASIAN CIVILIZATION

Minimum Credits: 3
Maximum Credits: 3

This survey of Chinese and Japanese history in the nineteenth and twentieth centuries compares and contrasts the development of these two East Asian nations through a format that includes lectures, discussions, films, and readings.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

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 0670 - AFRICAN AMERICAN HISTORY TO 1877

Minimum Credits: 3

Maximum Credits: 3

This course examines African American history and culture from its inception with the Transatlantic Slave Trade to its transformation during the Civil War. Topics discussed include the African and Native American captivity practices that served as the precursors to African chattel slavery; the origins and rationale behind the creation of the social category of "race;" the differences between African chattel slavery in the French, Spanish, and British colonies; the regional variances in slavery in the southern and northern United States and in Indian nations; methods of resistance used by African American women and men; and the multifaceted ways in which African Americans played a part in the abolitionist movement and in their own emancipations.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: African Studies, DSAS Diversity General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, Global Studies, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 0671 - AFRICAN AMERICAN HISTORY SINCE 1865

Minimum Credits: 3

Maximum Credits: 3

This course considers the variety of African American reactions, interpretations, and solutions to the oppression that shaped their experiences. We focus on how class, gender, and color inform approaches to black survival and advancement. This course will examine various aspects of African American experiences such as migration, life in the rural South and urban North, work, family, culture, faith, and various forms of resistance and accommodation in the quest for political identity and citizenship.

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 0675 - WITCHES TO WALDEN POND

Minimum Credits: 3

Maximum Credits: 3

A survey of American religious history from the colonial period through the civil war.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 0676 - RELIGION IN MODERN AMERICA

Minimum Credits: 3

Maximum Credits: 3

This course examines the impact of religion as a moral, intellectual, and institutional force in America from 1865 to the present. We seek to understand how religions have both shaped and reflected economic, social, and cultural conditions in the United States. The course format combines lecture with student discussion of religious conflicts and critical moments of cultural change. Documentary films, slides, and local sites are also used. Major emphases include religious responses to intellectual, scientific, and economic change, including Biblical criticism, evolutionary theory, immigration, urbanization, industrialization, Marxism, fascism, racism, feminism, and globalization.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 0678 - UNITED STATES AND THE HOLOCAUST

Minimum Credits: 3

Maximum Credits: 3

With increasing interest in the Holocaust in Europe, this course focuses on the American side of the Atlantic - on issues of anti-Semitism and anti-immigrant sentiment in this country and on America's response to the Holocaust. We will also look at some post-Holocaust issues as well.

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, Global Studies, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

HIST 0685 - UNITED STATES FOREIGN RELATIONS

Minimum Credits: 3

Maximum Credits: 3

The course emphasizes three significant periods of development: (a) the period of origins, 1775-1825, (b) the period of hesitant entry onto the international scene, 1890-1941, and (c) the period of full participation in international affairs, 1941-present. In the process the course endeavors to demonstrate the changing role of such concepts as security, neutrality, isolationism, expansionism, and intervention in the evolution of the nation's conduct of foreign affairs.

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 0751 - ANCIENT WORLDS

Minimum Credits: 3

Maximum Credits: 3

This is a lecture course on the earliest cultures of Egypt, Mesopotamia and China. The approach is comparative. The course will focus on the similarities and the differences in the cultural development of these ancient civilizations, and will stress their contributions and legacies to the civilizations of today.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 0756 - INTRODUCTION TO ISLAMIC CIVILIZATION

Minimum Credits: 3

Maximum Credits: 3

This course aims to introduce students to Islamic and Middle Eastern History from the time of the Prophet (ca. 600 C.E.) to the Iranian Revolution in 1979. We will proceed chronologically, focusing mainly on political events. However, a special emphasis will be given to the formation of the Islamic tradition, its evolution across different regions and cultures in time, and its interaction with other traditions. In the modern era, we will particularly explore the Islamic societies' political, cultural, and military encounter with the rising power of the West in the Middle East. In addition to the several historical processes and developments such as modernization, nation-building, Islamic fundamentalism and globalization, which have shaped the history of the Middle East in the last two centuries, our class discussions will also touch on the main theoretical perspectives that have stamped the studies of Islam and the Middle East. Here, concepts such as orientalism, defensive development, and modernity will constitute our main focus.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Geographic Region General Ed. Requirement, Global Studies, Russian & East European Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HIST 0795 - HISTORY OF AFRICA BEFORE 1800

Minimum Credits: 3

Maximum Credits: 3

Surveys history of Africa from earliest times to eve of European civilization. Looks at Africa from the inside out and aims at promoting an appreciation of Africa's contribution to world civilization and an understanding of the historical processes that have shaped modern Africa. Major

themes and topics include ancient kingdoms, Islam the slave trade and the European contact.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC 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

HIST 1045 - SOCIALISM VERSUS CAPITALISM

Minimum Credits: 3

Maximum Credits: 3

The course covers the economic changes that produced capitalism; the attempts to understand capitalism which culminated in the theories of Adam Smith; the problems of communist societies and their attempts to return to some form of capitalism.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 1083 - HISTORY OF SPORTS

Minimum Credits: 3

Maximum Credits: 3

The course will survey the history of sports, focusing primarily on the 20th century. We will balance consideration of professional sports with that of the games the people play. We will look both at the impact of television as well as the new fitness (revolution). Topics considered will include women in sports, the commercialization of culture and collegiate sports. A major focus will be the role in sports in Pittsburgh in the past 50 years.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 1123 - MODERN BRITAIN

Minimum Credits: 3

Maximum Credits: 3

Political, economic and social change in Britain from the early 18th century to the present are examined in depth. Topics include the pre-industrial social structure, the origins of political stability, the making of the Industrial Revolution, popular protest and political reform, Britain's supremacy during the Victorian era, imperialism and the rise of labor, the impact of total war, and the emergence of the welfare state. A discussion of Britain's future prospects concludes the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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

HIST 1612 - UNITED STATES 1789-1840

Minimum Credits: 3

Maximum Credits: 3

A history of ideas -- social, literary, scientific, political -- that expressed and shaped the culture.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 1655 - AMERICAN WORKERS 19TH CENTURY

Minimum Credits: 3

Maximum Credits: 3

This course examines American working class formation, development, and recomposition during the nineteenth century, and workers' impact on American economic, political, and cultural development.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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 1660 - GENDER AND SEXUALITY IN THE US TO 1865

Minimum Credits: 3

Maximum Credits: 3

This upper-level course is part of a two-course sequence which surveys the history of women in the United States. Part 1 focuses on women's experiences from the 1600s to the 1880s with special attention to class, ethnic, and geographic differences among women.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 1661 - GENDER AND SEXUALITY IN THE US SINCE 1865

Minimum Credits: 3

Maximum Credits: 3

This upper-level course is part of a two-course sequence which surveys the history of women in the United States. Part 2 focuses on women's experiences from 1865 to the present with special attention to class, ethnic, and geographic differences among women.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HIST 1685 - U.S. POPULAR CULTURE

Minimum Credits: 3

Maximum Credits: 3

This course examines the development and social impact of mass-produced and mass-consumed forms of culture in Twentieth Century America.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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

Education, Health, Physical and Recreation

HPRED 0106 - NUTRITION

Minimum Credits: 2

Maximum Credits: 2

An introduction to the processes involved in nourishing the body. Emphasis will include a study of nutrients and their physiological impact and inter-relationships within the body, and the quality of diet.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HPRED 0107 - NUTRITION LABORATORY

Minimum Credits: 1

Maximum Credits: 1

Laboratory exercises designed to illustrate the principles of nutrition and the relationship between nutrition and health.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: HPRED 0106

HPRED 1021 - HEALTH THEORIES AND PROGRAMMING

Minimum Credits: 3

Maximum Credits: 3

The course introduces students to the major health theories that are used to plan, implement, and evaluate health promotion and disease prevention interventions for schools, workplaces, healthcare organizations and communities. Using the theories students design a health intervention.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

History and Philosophy of Science

HPS 0437 - DARWINISM AND ITS CRITICS

Minimum Credits: 3

Maximum Credits: 3

Charles Darwin's ideas have had an enormous impact on biology and on culture generally. These ideas have been criticized within biology, by philosophers, social theorists and religious fundamentalists. This course studies the historical growth of Darwinism and the criticisms mentioned, and evaluates those criticisms and their impact on the theory.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Historical Analysis General Ed. Requirement, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

HPS 0610 - CAUSAL REASONING

Minimum Credits: 3

Maximum Credits: 3

Do school vouchers really help inner city students become better educated? Do gun control laws really make society safer? This course examines how scientists reason about causal claims like these. It considers use of scientific statistical data that informs our public policy debates. The course uses an interactive, web-based text and exams. In addition, there is an on-line virtual "causality lab" in which students will set up, run, and then analyze simulated experiments. They will construct causal theories, use the lab to derive predictions from these theories, and then test the predictions against the simulated data. While course materials are delivered on-line.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HPS 0613 - MORALITY AND MEDICINE

Minimum Credits: 3

Maximum Credits: 3

Ethical dilemmas in the practice of health care continue to proliferate and receive increasing attention from members of the health care profession, ethicists, policy makers, and the general public as health care consumers. In this course we will examine a number of ethical issues that arise in the context of contemporary medical practice and research by analyzing articles and decision scenarios. Topics to be covered typically include the physician-patient relationship; informed consent; medical experimentation; termination of treatment; genetics; reproductive technologies; euthanasia; resource allocation; and health care reform. Students who successfully complete this course will be able to identify and analyze different philosophical approaches to selected issues in medical ethics; have gained insight into how to read and critically interpret philosophical arguments; and have developed skills that will enable them to think clearly about ethical questions as future or current health care providers, policy makers, and consumers. This course is part of a core sequence leading to Certification in the Conceptual Foundations of Medicine Certificate Program, and is a companion course to HPS 0612 (Mind and Medicine) but may be taken independently. The course is of particular interest to pre-medical and pre-health care students.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HPS 0620 - SCIENCE AND RELIGION

Minimum Credits: 3

Maximum Credits: 3

Are science and religion at odds or harmonizable? Do they coincide or represent completely separate discourses? This course examines the relationship between science, rationality, faith, and religion. Special attention will be given to ancient creation narratives and their interpretation, historical dialogues regarding faith and reason in the Western monotheist faiths (Christianity, Judaism, Islam), the scientific revolution, and various approaches to evolutionary theory. We will also consider practical, contemporary issues such as neuroscience and religious practice, ecology and faith, and scientific views toward gender and race.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HPS 0630 - SCIENCE AND PSEUDOSCIENCE

Minimum Credits: 3

Maximum Credits: 3

This course probes the distinction between genuine and pseudo-science using a number of case studies, including ESP and other paranormal phenomena, scientific creationism, UFO's and extraterrestrial life, etc.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HPS 1612 - PHIL OF 20TH CENTURY PHYSICS

Minimum Credits: 3

Maximum Credits: 3

An examination of the fascinating philosophical problems to which modern physical theories have given rise. No previous formal training in physics or mathematics will be presupposed, since the basic physical ideas needed will be introduced largely qualitatively with an emphasis on concepts rather than equations. Topics will vary from year to year with instructor, but center around classical mechanics, quantum mechanics, and relativity theory.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Health and Human Development

HHD 0005 - LIFE SPAN DEVELOPMENT

Minimum Credits: 3

Maximum Credits: 3

This course follows the developing person from conception until the end of life. The course combines theory, research and practical applications from developmental psychology. Lecture topics include genetic influences on development; prenatal and birth factors; physical, cognitive, social, personality, and cultural variables which influence development in infancy, childhood, adolescence, early-, middle-, and late adulthood.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Attributes: UPB Behavioral Sciences General Ed. Requirement

Health Related Professions

HRP 0080 - HEALTH SCIENCES INTERNSHIP

Minimum Credits: 1

Maximum Credits: 3

Provides an opportunity for students to observe health professionals in their work environment.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

Course Requirements: Sophomore or higher; 2.5 GPA; Division Consent

HRP 0090 - INTRO TO MEDICAL TERMINOLOGY

Minimum Credits: 3

Maximum Credits: 3

Basic study of the professional language of medicine, including word construction, pronunciation, spelling, definition, and the use of terms from all areas of medical science and hospital service.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HRP 0184 - INTRO TO SCIENCE FOR HEALTH PROF

Minimum Credits: 3

Maximum Credits: 3

Provides an overview of the topics important to the student preparing for a career in health care. Physics, chemistry, and biology are interrelated to provide insight into the mechanisms and physical forces controlling and circumscribing life processes on our planet.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HRP 0410 - APPLIED KINESIOLOGY

Minimum Credits: 3

Maximum Credits: 3

Analysis of movement based on a knowledge of anatomy and physiology as applied to the function of body mechanics.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: BIOSC 0212 and BIOSC 0214 and HRP 0184 and (MATH 0031 or MATH 0110); Min grade 'C-' for all courses listed

HRP 0411 - APPLIED KINESIOLOGY LAB

Minimum Credits: 1

Maximum Credits: 1

Lab covers neuromuscular skeletal anatomy, physiology, biomechanics and kinesiology in depth. Successful completion of the competency exams is required to pass this course.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: Letter Grade

HRP 0420 - CLINICAL PATHOLOGY

Minimum Credits: 3

Maximum Credits: 3

A survey of the major aspects of the disease process, covering such topics as inherited disease, infections, neoplasia, nutritional and metabolic deficits, and disorders due to physical agents. Also incorporates the disease process as it affects individual organ systems and a discussion of laboratory diagnostic procedures.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: BIOSC 0213 and BIOSC 0215

HRP 0421 - CLINICAL PATHOLOGY/PATHOPHYSIOLOGY LAB

Minimum Credits: 1

Maximum Credits: 1

Students are expected to demonstrate an understanding of pathophysiological principles by completing clinical case studies that highlight the particular pathophysiological processes related to their clients. Two written case studies are required. One of those case studies will serve as a class presentation and discussion.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: Letter Grade

Human Services

HUSERV 0331 - INTRODUCTION TO HUMAN SERVICES

Minimum Credits: 3

Maximum Credits: 3

Provides a comprehensive introduction to the knowledge and skills required for successful human services work. Topics include history and issues in human services work, philosophical models, methods of services delivery, and professional roles. In addition, an overview of different populations frequently served by the human services delivery system will be presented.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

HUSERV 0399 - HUMAN SERVICES INTERNSHIP

Minimum Credits: 3

Maximum Credits: 3

Intended to be completed in the final term of program. Students spend 100 hours in a supervised internship in an approved human services location. Students are expected to produce a research report from their internship that includes application of skills learned in didactic course work, such as statistical methods, computer applications, and human services philosophies. Students are required to deliver two presentations based on this report, one at the internship site and one on campus.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: LG/SNC Elective Basis

Course Requirements: Sophomore or higher; 2.5 GPA; Division Consent

Instruction Learning

IL 0210 - COLLEGE READING & STUDY SKILLS

Minimum Credits: 3

Maximum Credits: 3

This is a computer based course designed to provide assistance for students in achieving academic success. Course content includes self-management, vocabulary development, reading comprehension, study strategies, and preparation for examinations. Additionally, students study and practice using online databases and other resources.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SU3 Elective Basis

Journalism

JOURNL 1173 - INTERNSHIP

Minimum Credits: 3

Maximum Credits: 12

3-, 6-, 9-, and 12-credit journalism internships have been established with area media, businesses, and organizations in order to provide a practical experience supplement to the academic program. Six internship credits may be applied to the journalism major. The credit value of each internship program is determined by the number of working hours involved.

Academic Career: Undergraduate

Course Component: Internship

Grade Component: H/S/U Basis

Mathematics

MATH 0029 - FUNDAMENTALS OF MATH 1

Minimum Credits: 3

Maximum Credits: 3

Designed for students with little background in algebra. Topics covered are arithmetic with fractions, properties of real numbers, arithmetic with signed numbers, solving and graphing linear equations, and solving and graphing linear inequalities.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

MATH 0030 - FUNDAMENTALS OF MATH 2

Minimum Credits: 3

Maximum Credits: 3

Designed for students with some background in algebra. Topics covered are properties of exponents, factoring, polynomial arithmetic, rational expressions, radicals, and rational exponents.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: C- or better in Math 0029 or by placement exam

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: C- or better in MATH 0030 or by placement exam

Course Attributes: DSAS Algebra General Ed. Requirement

MATH 0032 - TRIGONOMETRY AND FUNCTIONS

Minimum Credits: 2

Maximum Credits: 2

This course is designed to enable students, who have mastered algebra, to learn trigonometry. Besides trigonometry, material of graphing and polynomials is included.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: C- or better in MATH 0031

Course Attributes: DSAS Algebra General Ed. Requirement

MATH 0110 - FUNDAMENTALS OF MATHEMATICS

Minimum Credits: 3

Maximum Credits: 3

Introduction to calculators, statistics, probability, matrices, consumer mathematics, and elementary difference equations exhibiting chaos, and decision making are among the topics covered.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Course Requirements: PREQ: C- or better in MATH 0030 or by placement exam

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: C- or better in MATH 0031 or by placement exam

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: PRE-REQ OF C- OR BETTER IN MATH 0031 OR BY PLACEMENT EXAM

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: PREREQ: C- or better in Math 0200 or Math 0032 or by placement exam

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: C or better in Math 0220

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: C or better in MATH 0230

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 (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: MATH 0280

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

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

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

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

Mechanical Engineering

ME 0024 - INTRODUCTION TO MECHANICAL ENGINEERING DESIGN

Minimum Credits: 3

Maximum Credits: 3

Provides knowledge of design graphics and manufacturing processes by conventional and computer-aided methods.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

Management

MGMT 1401 - BUSINESS SOCIETY & INT'L ENVRN

Minimum Credits: 3

Maximum Credits: 3

Business is no longer defined simply as an economic entity, and successful managers must concern themselves with more than economic issues. Using a wide variety of cases, this course examines the political, social, environmental, ethical, and international dimensions of the business environment.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: MGMT 1401 requires pre-requisites of MATH 0031 and ENGCOMP 0200 or ENG 0101

Music

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

MUSIC 0611 - COLLEGIATE CHORALE

Minimum Credits: 1

Maximum Credits: 1

Open to students, faculty, staff, and community. The study and performance of traditional and contemporary choral works.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

MUSIC 0711 - HISTORY OF JAZZ

Minimum Credits: 3

Maximum Credits: 3

The course focuses on the chronological development of jazz from its beginnings on the plantation to its present state as a world concert music. Various styles such as ragtime, blues, gospel, spirituals, rhythm and blues, rock, soul, etc., are examined.

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.

Nursing

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 0100 - TRANSITION NURSING FOR LPNS

Minimum Credits: 2

Maximum Credits: 2

Facilitates transition of the LPN to associate degree nursing student. Major focus is on the roles of the associate degree nurse, the nursing process with emphasis on history taking, physical assessment and individualized nursing care plans; and, stressors related to fluid/electrolyte-acid/base balance.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NUR 0106 - SUCCEEDING IN NURSING EDUCATION

Minimum Credits: 1

Maximum Credits: 1

This course will provide opportunity for the nursing student to acquire skills necessary to successfully negotiate the educational journey to associate degree completion and state board examination. Strategies to cope with roadblocks to success will be presented in a relaxed seminar environment. Some topics to be presented included test-taking strategies, relaxation and stress management, time management and coping skills utilized to deal with family pressures.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NUR 0109 - CLINICAL CALCULATIONS

Minimum Credits: 1

Maximum Credits: 1

This course uses metric, apothecary, and household systems of measurement with a ratio/proportion method to calculate and plan preparation and administration of medications for all ages. Included are critical thinking skills to ensure safety and accuracy in dosage calculations for medication administration.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NUR 0111 - FUNDAMENTALS OF NURSING

Minimum Credits: 7

Maximum Credits: 7

Fundamentals of nursing introduces students to various aspects of the nursing curriculum; Orem's theory, Roy's adaption model, Erickson's developmental theory, Maslow's basic human needs; concepts of stress and adaption, health illness continuum, nursing process, teaching and learning theories, nursing history, nursing roles and psychosocial and cultural influences on man, health and nursing. Legal and ethical principles, communication skills, documentation format, drug calculation, fluid balance and beginning clinical theories and skills are also taught.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NUR 0112 - COMPREHENSIVE NURSING 1

Minimum Credits: 8

Maximum Credits: 8

Comprehensive nursing practice 1 applies the concepts of stress-adaptation, the nursing process and human needs to the care of med-surg adult, the pregnant female, the newborn and the family during the childbearing cycle. Health assessment and fluid and electrolyte concepts are introduced. The student learns to utilize specific concepts related to body defenses, carbohydrate metabolism, musculoskeletal, reproductive functions and psychosocial aspects of care.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NUR 0113 - PHARMACOLOGY IN NURSING

Minimum Credits: 3

Maximum Credits: 3

This course examines the complex world of pharmacology and therapeutics. It will address drug classes and the drugs represented by them. Each drug class will be discussed with regard to: absorption, distribution, metabolism and excretion; major pharmacologic side effects; clinical indications and administration; adverse reactions and contradictions; interactions with other drugs; overdoses and toxicities and nursing implications and interventions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NUR 0211 - COMPREHENSIVE NURSING 2

Minimum Credits: 9

Maximum Credits: 9

Enables students to apply the nursing process to multiple clients with complex med-surg problems in an acute care setting. Knowledge of specific stressors and adaptations that affect the body systems; respiratory, cardiovascular, sensory, integumentary, endocrine, neurologic, hematologic, gastrointestinal, accessory organs, urinary, alterations in cellular growth, and multiple systems diseases is gained. Students have the opportunity to apply psychosocial aspects into their delivery of care in the hospital and in the home. Students provide formal teaching to clients and families.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NUR 0212 - COMPREHENSIVE NURSING 3

Minimum Credits: 9

Maximum Credits: 9

Course provides the students opportunities to synthesize theories, concepts and skills while delivering care across the life span. Emphasis is placed on communication, growth and development, pharmacology and nutrition as it relates to care of the family. The content focuses on the family as the essential resource in the treatment of illness and the promotion of wellness. Emphasis is on role identification, management of client care, health care delivery system, interpersonal relationships, and personal and professional development.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

NUR 0300 - NURSING FOUNDATIONS

Minimum Credits: 3

Maximum Credits: 3

Students are introduced to various theories and concepts that are fundamental to nursing practice. They include: Orem's theory, Roy's adaptation model, Erikson's developmental theory, Maslow's basic human needs; concepts of stress and adaptation, health-illness continuum, health care delivery systems, the scope of nursing practice, legal and ethical principles including the nurse practice act and HIPPA regulations, professional standards and organizations, communication strategies, teaching and learning theories and critical thinking concepts and strategies emphasizing the nursing process.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

NUR 0350 - NURSING FUNDAMENTALS

Minimum Credits: 6

Maximum Credits: 6

Students are introduced to elements of nursing practice that are common to most clients and areas of practice. This course builds on the skills, knowledge, theories and concepts gained from the nursing foundations course and the natural and social sciences. This course focuses on pursuing critical thinking as the foundation for the nursing process. Through establishment of a therapeutic nurse-client relationship, the student becomes proficient in nursing assessment and physical examination of the individual. Based on individual patient needs and priorities, the student implements therapeutic nursing interventions to provide safety, hygiene and comfort. The concepts that are emphasized in this course include: health assessment, patient safety in the health care environment, fluid and electrolytes, principles of applied pathophysiology, principles of asepsis and hygiene, comfort and psychosocial support strategies, and pain recognition and management. This course includes a focused component on the care of the older adult emphasizing a holistic approach to promoting wellness. Utilization of the nursing process is directed toward maximizing the quality of life of the older adult. Students are guided to greater levels of understanding of their attitudes and perceptions of the dimensions of aging.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

Course Requirements: PREQ: C or better in NUR 0300

NUR 0400 - ADULT MEDICAL SURGICAL NURSING

Minimum Credits: 8

Maximum Credits: 8

This course builds on the knowledge and skills from the fundamentals of nursing practice course. This course provides students with opportunities to integrate theories, concepts and skills in delivering care to hospitalized adult clients in a variety of acute care facilities. Students gain knowledge of complex physiological and psychosocial stressors and adaptations related to health alterations of a medical-surgical nature. Alterations in cardiovascular, respiratory, reticuloendothelial, hepatic, immune system, nervous/sensory, musculo-skeletal, reproductive and gastrointestinal systems will be discussed. Care of the client during the perioperative period is included.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

NUR 0450 - FAMILY AND MENTAL HEALTH

Minimum Credits: 9

Maximum Credits: 9

This course builds on the knowledge and skills from the NUR 0400 course. This course provides students with opportunities to integrate theories, concepts and skills in delivering care to clients in recognized phases of change or development - the perinatal period, children and families from infancy through adolescence, and clients experiencing mental health alterations. Utilizing the nursing process as a framework, students develop culturally appropriate nursing strategies to influence health. Concepts that are emphasized in this course include: collaborative practice among the health care team; a focus on the family as a resource in the treatment of illness and the promotion of wellness; and therapeutic nurse-client interactions. Students will rotate through obstetrics, pediatric and mental health care facilities during this course.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

NUR 0500 - COMPLEX AND COMMUNITY HEALTH

Minimum Credits: 9

Maximum Credits: 9

This course builds on the knowledge and skills from the NUR 0450 course. This course requires that the students apply knowledge of the nursing process to the care of multiple clients with more complex physiological and psychosocial problems in various settings. Concepts emphasized include: complex medical-surgical alterations in health; principles of trauma and emergency nursing; care of clients and communities during bio terroristic/emergency threats; health care teaching to clients and families; use of home and community resources to influence health; current legal, ethical, and professional issues; and future directions for health care.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

Course Requirements: PREQ: C or better in NUR 0450

NUR 0525 - ROLE DEVELOPMENT

Minimum Credits: 1

Maximum Credits: 1

This course leads the student to prepare for licensure and employment as a graduate nurse. Discussions include NCLEX preparation strategies, contemporary jobs in nursing, an overview of professional organizations, an overview of advanced nursing education programs and employment opportunities, and support for impaired professionals.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Satisfactory/No Credit

Course Requirements: PREQ or COREQ: C or better in NUR 0450

NUR 1110 - 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

Microbiology

ORBIOL 0031 - MICROBIOLOGY 1

Minimum Credits: 4

Maximum Credits: 4

This is an introductory course in microbiology designed for nursing students with no previous microbiology background. Three major areas included are the microorganisms, the immune mechanisms of the host, and the interaction of the host and the microorganisms in the disease process and in homeostasis. This course includes a laboratory series which is coordinated with the lecture content. Major emphasis is placed on infectious diseases and infection control at the nursing level.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

ORBIOL 0032 - MICROBIOLOGY 1 LABORATORY

Minimum Credits: 0

Maximum Credits: 0

Content is devoted to the development of student's basic laboratory skills, application of microbiological methods and will emphasize performance, scientific investigation, and safety.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: No Grade Required

Physical Education

PEDC 0023 - WEIGHT TRAINING

Minimum Credits: 1

Maximum Credits: 1

A coeducational class designed to provide the student with the opportunity to develop and practice basic weight training techniques. With the guidance of the instructor, the student will be encouraged to develop an individualized self-designed program. The emphasis of this course will be placed on progressive-resistive exercises.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

PEDC 0048 - RACQUETBALL 1

Minimum Credits: 1

Maximum Credits: 1

This course is designed to introduce the beginner to the significant components of racquetball. Three types of racquetball games, singles, doubles, and cut throat, will be introduced in conjunction with individual skill development. The grip, ready position, racquet swing, service, return of service, and shot making will be covered. Game strategies and rules and regulations will be reviewed.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: Letter Grade

PEDC 0049 - BADMINTON

Minimum Credits: 1

Maximum Credits: 1

This course is designed to introduce the beginner to the significant components of badminton. The following basic strokes will be presented in class; forehand and backhand, overhead clear, high singles service, low doubles service, smash and drop. Rules and regulations and strategies for doubles

and singles games will be presented.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

PEDC 0050 - RACQUETBALL 2

Minimum Credits: 1

Maximum Credits: 1

This course provides basic stroke mechanics, practice drills, and winning strategies for advanced players with a knowledge of the game of racquetball. Class time will deal in depth with the drive, lob, overhead z-serves, serve returns, back wall play, and training aids. Developing strategies for winning in singles and doubles will be dealt with extensively in class.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

PEDC 0060 - BASKETBALL 1 - CO-EDUCATIONAL

Minimum Credits: 1

Maximum Credits: 1

Supervised competition follows a four-week conditioning period in which individual skills and team strategy are stressed. Opportunity to improve on previously acquired skills and become a team member is provided.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SU3 Elective Basis

PEDC 0065 - VOLLEYBALL

Minimum Credits: 1

Maximum Credits: 1

This course is designed to introduce the beginner to the significant components of volleyball. Basic skills to be taught will include the overhead volley, forearm pass, service, spike, individual block and defensive recovery skills. A 4-2 right-side-setter offensive system will be introduced with a 6-back and a 6-up defensive system. All rules and regulations will be reviewed during the course.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

PEDC 0099 - BASIC ROCK CLIMBING

Minimum Credits: 1

Maximum Credits: 1

Beginning with bouldering, the course will deal primarily with rope handling and moving on vertical rock planes in a safe manner. Covered in this course are bouldering, friction and balance climbing, 3-point suspension, use of ropes, knot craft, body rappelling, free rigging climbs, mountain safety, basic belaying, use of webbing (slings and harnesses), chimney techniques and natural protection.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

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 0121 - OUTDOOR RECREATION

Minimum Credits: 1

Maximum Credits: 1

Canoeing, backpacking, horseback riding, and camping.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

PEDC 0146 - FIRST AID AND CPR

Minimum Credits: 1

Maximum Credits: 1

A laboratory-lecture course in which American red cross techniques of cardiopulmonary resuscitation (CPR) and standard first aid are presented. All students who meet the American red cross standards will receive American red cross certification.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: LG/SNC Elective Basis

PEDC 0161 - INDIVIDUAL FITNESS

Minimum Credits: 1

Maximum Credits: 1

Fundamental fitness concepts and appropriate physical activities will be introduced to students. Students will be required to implement and complete a 10-week fitness program.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: Letter Grade

PEDC 0171 - FITNESS KICK BOXING

Minimum Credits: 1

Maximum Credits: 1

Our exercise program is based on the concepts of boxing, karate, muay thai kick boxing, and total fitness accompanied by rhythmic music.

Conditioning is focused on the areas of endurance, strength, and flexibility; all of which can bring about positive physical changes in participating students. Aerobic and anaerobic power training with speed bag and heavy bag is part of the training module.

Academic Career: Undergraduate

Course Component: Credit Laboratory

Grade Component: Letter Grade

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 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 0363 - ZUMBA

Minimum Credits: 1

Maximum Credits: 1

Zumba is a one of kind combination of dance and exercise, designed to put "Fun" back into fitness. The zumba workout maximizes caloric output, fat burning, and total body toning. The routines feature aerobic interval training with a combination of fast and slow rhythms that tone and sculpt the body. Exotic and explosive Latin rhythms create a party like atmosphere that delivers results, as well as a "Feel happy" workout. No previous experience in dance is needed to have fun with zumba.

Academic Career: Undergraduate

Course Component: Practicum

Grade Component: Letter Grade

Philosophy

PHIL 0010 - CONCEPTS OF HUMAN NATURE

Minimum Credits: 3

Maximum Credits: 3

An introduction to some ways in which ethical and social thought has been influenced by different views of human nature. Readings are from such authors as Plato, Hobbes, Rousseau, Marx, and Freud.

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

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 0360 - INTRODUCTION TO BIOMEDICAL ETHICS

Minimum Credits: 3

Maximum Credits: 3

This introductory level undergraduate course examines various ethical problems arising in medicine, such as euthanasia, abortion, and the allocation of resources.

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 0473 - PHILOSOPHY OF RELIGION

Minimum Credits: 3

Maximum Credits: 3

An examination of the arguments for and against the existence of god.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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 0610 - PHILOSOPHY AND SCIENCE

Minimum Credits: 3

Maximum Credits: 3

An introductory course in philosophy of science.

Academic Career: Undergraduate
Course Component: Lecture
Grade Component: LG/SNC Elective Basis

PHIL 0840 - SCIENCE AND RELIGION

Minimum Credits: 3

Maximum Credits: 3

Are science and religion at odds or harmonizable? Do they coincide or represent completely separate discourses? This course examines the relationship between science, rationality, faith, and religion. Special attention will be given to ancient creation narratives and their interpretation, historical dialogues regarding faith and reason in the Western monotheist faiths (Christianity, Judaism, Islam), the scientific revolution, and various approaches to evolutionary theory. We will also consider practical, contemporary issues such as neuroscience and religious practice, ecology and faith, and scientific views toward gender and race.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 1303 - EASTERN PHILOSOPHY

Minimum Credits: 3

Maximum Credits: 3

The theory and practice of Hinduism, Buddhism, Taoism, Zen Buddhism, and Sufism, and comparisons with Western philosophies and religions.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 1500 - SYMBOLIC LOGIC

Minimum Credits: 3

Maximum Credits: 3

This advanced undergraduate course develops skills in formal and informal reasoning in predicate-quantifier logic, and covers formal semantics for sentential logic, informal semantics for predicate-quantifier logic, and elementary syntactic metatheory.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PHIL 1612 - PHIL OF 20TH CENTURY PHYSICS

Minimum Credits: 3

Maximum Credits: 3

An examination of the fascinating philosophical problems to which modern physical theories have given rise. No previous formal training in physics or mathematics will be presupposed, since the basic physical ideas needed will be introduced largely qualitatively with an emphasis on concepts rather than equations. Topics will vary from year to year with instructor, but center around classical mechanics, quantum mechanics, and relativity theory.

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: PREREQ: C- or better in MATH 0031

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: PREQ or 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: REQ: PHYS 0174 and COREQ or PREQ: 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: CREQ: PHYS 0111

PHYS 0219 - BASIC LABORATORY PHYSICS SCIENCE AND ENGINEERING

Minimum Credits: 2

Maximum Credits: 2

This is an introductory physics laboratory associated with the physics 0104-0105-0106 sequence.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: CREQ: PHYS 0175

Physical Therapist Assistant

PHYSTA 0110 - INTRODUCTION TO PHYSICAL THERAPY

Minimum Credits: 3

Maximum Credits: 3

Introduces the PTA student to many aspects of physical therapy including the PT/PTA relationship, communication, the history of physical therapy, the APTA, scope of practice, ethical principles, laws and standards which affect the student, health care team roles, professional development, documentation, liability and confidentiality. Students are exposed to basic administration principles and continuous quality improvement. Students learn about universal precautions, taking vital signs, and application of therapeutic heat and cold.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

PHYSTA 0221 - PTA PRINCIPLES AND PROCEDURES 1

Minimum Credits: 3

Maximum Credits: 3

Instructs the student in the application of therapeutic modalities, gait training, wheelchair training, and identification of architectural barriers/environmental modifications. Students also learn how to document services rendered, how to participate in discharge planning, how to provide psychosocial support, and how to educate patients and families. Emphasis is placed on communication skills and ethical practice. Successful completion of the competency checklist is required to pass this course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

PHYSTA 0222 - PTA PRINCIPLES AND PROCEDURES 2

Minimum Credits: 4

Maximum Credits: 4

Instructs the student in basic assessment skills, therapeutic exercise, and activities of daily living. Students learn procedures for pulmonary hygiene and wound care. Students receive further instruction on psychosocial support, patient/family education, ethics, communication, and documentation. Successful completion of the competency checklist is required to pass this course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

PHYSTA 0223 - PTA PRINCIPLES AND PROCEDURES 3

Minimum Credits: 4

Maximum Credits: 4

Provides instruction in electrical stimulation and biofeedback. Students learn to treat patients who present with orthopedic, neurologic, and pediatric

problems. Students receive further instruction in psychosocial support, documentation, ethical behavior, patient/family education, and communication.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

PHYSTA 0224 - PTA PRINCIPLES AND PROCEDURES 4

Minimum Credits: 4

Maximum Credits: 4

Provides laboratory instruction for the treatment of patients with orthopedic, neurologic, and pediatric problems. Students learn the developmental sequence and how it applies to treatment. Students learn advanced therapeutic exercise techniques. Students receive further instruction in psychosocial support, documentation, ethical behavior, patient/ family education and communication. Successful completion of the competency checklist is required to pass this course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: Letter Grade

PHYSTA 0250 - THERAPEUTIC EXERCISE

Minimum Credits: 1

Maximum Credits: 1

This course will provide students with information relative for implementing, analyzing, and modifying individual and group exercise, with emphasis on strengthening, flexibility, balance, endurance, and stability.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: Letter Grade

PHYSTA 0331 - CLINICAL EDUCATION 1

Minimum Credits: 4

Maximum Credits: 4

A full-time field assignment.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: Satisfactory/No Credit

PHYSTA 0332 - CLINICAL EDUCATION 2

Minimum Credits: 6

Maximum Credits: 6

A full-time field assignment.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: Satisfactory/No Credit

PHYSTA 0333 - CLINICAL EDUCATION 3

Minimum Credits: 6

Maximum Credits: 6

A full-time field assignment.

Academic Career: Undergraduate

Course Component: Clinical

Grade Component: Satisfactory/No Credit

PHYSTA 0350 - NATIONAL PHYSICAL THERAPIST ASSISTANT EXAMINATION REVIEW

Minimum Credits: 1

Maximum Credits: 1

This course will provide students with the opportunity to engage in discussion board review sessions, mock board examinations, and other online learning opportunities to enhance preparation for the National Physical Therapist Assistant Board Examination (NPTAE); Hybrid course with both online and in classroom meeting.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: H/S/U Basis

PHYSTA 0440 - PROFESSIONAL ISSUES SEMINAR

Minimum Credits: 1

Maximum Credits: 1

Designed to provide the student with additional information in conjunction with their full-time affiliations. Topics may vary depending on issues raised from students while in the clinic. Topics may include: licensure, teaching methods, research, documentation, advances in the field, changes in legislation, insurance issues, etc.

Academic Career: Undergraduate

Course Component: Seminar

Grade Component: H/S/U Basis

Political Science

PS 0197 - DIRECTED STUDY

Minimum Credits: 1

Maximum Credits: 6

Directed study is designed to give students the opportunity to design and carry out a research project to be agreed upon by the student and a supervising faculty member.

Academic Career: Undergraduate

Course Component: Directed Studies

Grade Component: LG/SNC Elective Basis

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 0205 - LAW AND THE COURTS

Minimum Credits: 3

Maximum Credits: 3

This course examines the major components of the American legal system, including the police, the law profession, prosecutors and public defenders, state and federal courts, plus the impact of the Supreme Court on the American political system. Emphasis is on the realities of the legal process in

operation - how it affects the "who gets what" question.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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 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 1201 - CONSTITUTION AND CIVIL LIBERTIES

Minimum Credits: 3

Maximum Credits: 3

The course will explore major topics in the area of civil liberties and civil rights which have concerned the Supreme Court in recent years and which

have provoked extensive political and social controversy. Examples include decisions about discrimination, privacy, freedom of speech and assembly, and conflicts between freedom of the press and a fair trial.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1202 - AMERICAN CONSTITUTIONAL LAW

Minimum Credits: 3

Maximum Credits: 3

The United States constitution plays an extraordinarily powerful role in American political life. The primary focus of this course is examination of the role of constitutional law in the American political process. We do this by analyzing constitutional interpretation by the United States Supreme Court and other federal courts in its major decisions. Students will learn how the court reached its decisions, who some significant justices have been, how the court considered contending arguments, and what the consequences of these decisions for our political system have been. Topics include the development of judicial review and close analysis of the way in which the court has addressed the two major structural features of the U.S. Constitution ' separation of powers and federalism in an historic and contemporary setting. Specific issues in these areas are struggles over presidential and congressional power and national versus state power. We also address issues regarding civil liberties and civil rights. Students should find this course helpful in reaching a more sophisticated understanding of the major issues of constitutional law in American life, as well as providing a useful background to the cases and kinds of legal analysis they may pursue in further study in law school or other graduate study.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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

PS 1262 - HEALTH POLICY IN UNITED STATES

Minimum Credits: 3

Maximum Credits: 3

This course is an introduction to current problems of health care and health policy in the United States. Description and analysis of the proposals, current practices, and the reactions of interest groups will be the central theme of the course.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1341 - GOVERNMENT AND POLITICS USSR/RUSSIAN FEDERATION

Minimum Credits: 3

Maximum Credits: 3

A survey of the political systems in the USSR (1917-1991) and its major successor, the Russian Federation (1991-present). The first section deals with the period from the Bolshevik Revolution in 1917 until the mid-1980s. The second section examines the efforts to reform the political system under general Secretary Gorbachev. The final section deals with the collapse of the USSR in 1991 and the subsequent development of the Russian Federation as an independent state.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

PS 1810 - 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

Psychology

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 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 or 0101 or 0200

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 or 0012 or 0101 or 0200

Course Attributes: DSAS Social Science General Ed. Requirement

PSY 0184 - PSYCHOLOGY OF GENDER

Minimum Credits: 3

Maximum Credits: 3

This course is intended to be an introduction to the theories and current research on the psychological nature of women and the psychology of gender roles. The male perspective on gender roles will also be included. The effects of cultural factors that determine both female and male roles in our society will be examined as well as how these roles affect different interpersonal relationships between women and men. The potential for change at

both the societal and individual level will be discussed.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 or 0012 or 0105 or 0101 or 0200 or 0203 or 0210

PSY 0203 - SOCIAL PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This class will give you a general introduction to the field of social psychology, which is the study of how people think, feel, and behave when interacting with other people. Topics include attitudes and persuasion, group psychology, group behavior, and interpersonal attraction.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 or PSY 0101

Course Attributes: UPB Behavioral Sciences General Ed. Requirement

PSY 0265 - DATA ANALYSIS AND RESEARCH WRITING

Minimum Credits: 3

Maximum Credits: 3

This course covers SPSS data analyses and the introduction to the writing style required by the American psychological association. (APA style)

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREREQ: STAT 1000

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 or 0012 or 0101 or 0200

Course Attributes: Children's Literature

PSY 0405 - LEARNING AND MOTIVATION

Minimum Credits: 4

Maximum Credits: 4

This course elucidates fundamental principles of learning and motivation as derived predominantly from animal research. Focus is given to the empirical and conceptual processes underlying the facilitation and suppression of behavior, e.g. primary and conditioned reinforcement, non-reinforcement, punishment and avoidance as well as the generalization and discrimination of these processes.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: PSY 0010 or 0012 or 0101 or 0200

Course Attributes: Children's Literature, DSAS Natural Science General Ed. Requirement, SCI Polymathic Contexts: Science NonSeq.GE. Req.

PSY 1050 - TOPICS IN PSYCHOLOGY

Minimum Credits: 3

Maximum Credits: 3

A topics course. Content will vary from term to term depending on instructor.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

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 1270 - CHILD PSYCHOPATHOLOGY

Minimum Credits: 3

Maximum Credits: 3

This course considers research and theory which bear on the development of psychological disorders in children. Biological and environmental factors which contribute to childhood disorders are considered with special emphasis on the role of the family. Childhood psychosis, hyperactivity, and depression are studied to illustrate theoretical models and empirical findings.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PSY 0010

PSY 1355 - ADOLESCENCE

Minimum Credits: 3

Maximum Credits: 3

The period of adolescence will first be studied from both a psychological and sociological perspective. Focus is on the individual as he/she experiences physical, cognitive, and social changes. Contributions of such theorists as Freud, Erikson, and Piaget are highlighted. A number of critical issues and conflicts of adolescence are discussed i.e. the generation gap, sex roles and behaviors, juvenile delinquency.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: (PSY 0010 or 0012 or 0015 or 0101 or 0200) and (PSY 0310 or 0202 or 0230)

Religious Studies

RELGST 0115 - BIBLE AS LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This introductory course acquaints students with what is in the bible and provides background information drawn from various disciplines about the elements and issues that give it its distinctive character. Attention is necessarily given to its religious perspectives, since they govern the nature and point of view of the biblical narratives, but no specific religious view is urged.

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.

RELGST 0135 - CHRISTIAN BIBLE

Minimum Credits: 3

Maximum Credits: 3

An introduction to the text of the Christian bible.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: SCI Polymathic Contexts: Soc/Behav. GE. Req.

RELGST 0283 - US AND THE HOLOCAUST

Minimum Credits: 3

Maximum Credits: 3

With increasing interest in the Holocaust in Europe, this course focuses on the American side of the Atlantic - on issues of anti-Semitism and anti-immigrant sentiment in this country and on America's response to the holocaust. We will also look at some post-Holocaust issues as well.

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, Global Studies, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

RELGST 0405 - WITCHES TO WALDEN POND

Minimum Credits: 3

Maximum Credits: 3

Why did the prosecution of witches become a priority for the Puritan rulers of New England? What religious ideals convinced Henry David Thoreau to lead a life 'off the grid' in Walden Pond? How did non-Protestant immigrants make their way in the new nation? And how did religious rhetoric undergird the debates over slavery that led to the civil war? These are some of the questions that we will explore in this course, which traces the religious history of the United States from the era of colonization to through the Civil War.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

RELGST 0415 - RELIGION IN MODERN AMERICA

Minimum Credits: 3

Maximum Credits: 3

The course examines the impact of religion as a moral, intellectual, and institutional force in America from 1865 to the present. Despite claims that the nation was becoming less religious, at least seven new religions were founded in the U.S. After the civil war, while millions of migrants from southern and eastern Europe brought large numbers of Catholics and Jews to challenge the dominance of protestants. We seek to understand how religions have both shaped and reflected economic, social, and cultural conditions in the united states. The course combines lecture with student discussion of religious conflicts and critical moments of cultural change, using primary sources and secondary interpreters. We also engage documentary films, slides, and local museums and historical sites. Major emphases include religious responses to intellectual, scientific, and economic change, including biblical criticism, evolutionary theory, immigration, urbanization, industrialization, Marxism, fascism, racism, and feminism. We conclude with questions about the present day: is the united states an exception for its high levels of religious behavior or is secularism on the rise?

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

RELGST 0455 - INTRODUCTION TO ISLAMIC CIVILIZATION

Minimum Credits: 3

Maximum Credits: 3

This course aims to introduce students to Islamic and Middle Eastern History from the time of the Prophet (ca. 600 C.E.) to the Iranian Revolution in 1979. We will proceed chronologically, focusing mainly on political events. However, a special emphasis will be given to the formation of the Islamic tradition, its evolution across different regions and cultures in time, and its interaction with other traditions. In the modern era, we will particularly explore the Islamic societies' political, cultural, and military encounter with the rising power of the West in the Middle East. In addition to the several historical processes and developments such as modernization, nation-building, Islamic fundamentalism and globalization, which have shaped the history of the Middle East in the last two centuries, our class discussions will also touch on the main theoretical perspectives that have stamped the studies of Islam and the Middle East. Here, concepts such as orientalism, defensive development, and modernity will constitute our main focus.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Geographic Region General Ed. Requirement, Global Studies, Medieval & Renaissance Studies, Russian & East European Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Soc/Behav. GE. Req.

RELGST 0715 - PHILOSOPHY OF RELIGION

Minimum Credits: 3

Maximum Credits: 3

An examination of the arguments for and against the existence of God.

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

RELGST 1130 - VARIETIES OF EARLY CHRISTIANITY

Minimum Credits: 3

Maximum Credits: 3

This course will examine the many different and often competing forms of Christianity that existed during the first five centuries of our common era. We will include an historical survey of Mediterranean culture and society in the historical Roman Empire to help us understand the ways in which Christianity developed in relation to the philosophical, sociological, theological, and political environment of this period. We will also focus on the contribution of the early varieties of Christianity to modern Western views of the relationship between the individual body and society. The literature of this period represents a broad variety of beliefs and practices ranging from philosophical views of god and matter (and the nature of each), to notions of life-long celibacy.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

RELGST 1144 - CLASSICAL MYTHOLOGY AND LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course examines how authors of classical antiquity used the traditional figures and stories of their culture's mythology as material for works of literature.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: DSAS Geographic Region General Ed. Requirement, DSAS Literature General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Global&Cross Cul GE. Req., SCI Polymathic Contexts: Humanistic GE. Req., West European Studies

Russian

RUSS 0800 - MASTERPIECES 19TH CENTURY RUSSIAN LITERATURE

Minimum Credits: 3

Maximum Credits: 3

This course will focus on selected masterpieces of Russian literature of the nineteenth century. The chosen works will be studied and discussed for their intrinsic literary value and as examples of main literary trends. Readings will include short stories by Pushkin, Gogol, Leskov, and Chekov, as well as Gogol's novel "Dead Souls", Dostoevsky's "Crime and Punishment", and Tolstoy's "War and Peace".

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

RUSS 0870 - RUSSIAN FILM: EISENSTEIN AND COMPANY

Minimum Credits: 3

Maximum Credits: 3

The course presents the history of Russian and Soviet films, filmmaking, and the film industry from the coronation of Tsar Nicholas II to the death of Stalin.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Studio Arts

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.

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

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 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

SOC 0438 - SOCIOLOGY OF THE FAMILY

Minimum Credits: 3

Maximum Credits: 3

This course introduces students to the sociological perspective on the family and analyzes how the structure and nature of family life are shaped by larger historical and social forces. We will look at how changes in the economy and technology affect the family; how ideas concerning gender roles affect male/female relationships and the socialization of children; how race, ethnicity, and class shape family life; and the wide variety of family forms, historical and contemporary.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Attributes: Childrens Literature, DSAS Social Science General Ed. Requirement

SOC 0446 - SOCIOLOGY OF GENDER

Minimum Credits: 3

Maximum Credits: 3

This course will analyze the various processes and institutions through which gender roles are defined and shaped in our society. It will analyze the interaction between individual conceptions of gender and larger social institutions such as the family, the workforce, the media, religion, etc. The current changes in these roles will be related to changes in other social institutions. We will also examine the multiple forms of inequality in our society--based on sex, race, class, and sexual preference--and see how they interact.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0471 - DEVIANCE AND SOCIAL CONTROL

Minimum Credits: 3

Maximum Credits: 3

This course raises questions about what is "deviant" and how certain actions and beliefs come to be considered deviant. It also raises questions concerning the social, structural and cultural determinants of the decision to view something as "deviant" and in need of "control". The course explores changes in the definition of behavior which lead the same behaviors to be considered 'sins', 'crimes', 'illnesses', and 'alternative life-styles'.

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., Urban Studies

SOC 0472 - INTRODUCTION TO CRIMINOLOGY

Minimum Credits: 3

Maximum Credits: 3

Criminology refers to the scientific study of crime, its causes, and social responses to it. This course provides a broad overview of the study of crime. It examines the legal definitions and elements of crime; surveys the major categories of crime, i.e. predatory and non-predatory acts; reviews the major measures of crime; identifies the major correlates of crime, reviews and assesses the major theories of crime; differentiates types of offenders and explores various dimensions of their offending; and examines and evaluates the workings of the criminal justice system.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0474 - SOCIETY AND THE LAW

Minimum Credits: 3

Maximum Credits: 3

Every society regulates behavior and the means, i.e. Either informal or formal, with which this is done varies according to level of social development. This course examines the regulation of behavior in primitive, transitional, and modern societies and traces the development of law and legal systems and their relationship to different characteristics of social development. We will examine legal jurisprudence and the application of the principles of these philosophies and explore how they have shaped legal action.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SOC 0475 - SOCIOLOGY OF AGING

Minimum Credits: 3

Maximum Credits: 3

This course studies the fate of being old in American society in terms of income-adequacy, participation in political life, family relations, the status of retirement as an institution, health, the loss of independence and life in nursing homes. These and related issues are examined in cross-national perspective to assess the level and some nationally distinctive ways in which modern society cares for its elderly.

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 1316 - SOCIAL AND CULTURAL CHANGE

Minimum Credits: 3

Maximum Credits: 3

This course presents sociology from a global perspective in three ways: it focuses on social change as a critical factor in understanding society today, it uses a cross international approach to compare nations and regions of the world, it examines the ties between societies and the manner in which these relationships create a global society.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Spanish

SPAN 0001 - ELEMENTARY SPANISH 1

Minimum Credits: 3

Maximum Credits: 3

This course is designed to develop the student's communicative proficiency through an integrated approach to the teaching of all four language skills: listening, speaking, reading and writing. Grammatical structures; vocabulary and readings are presented as tools for developing good communication skills. The course also aims to foster cultural awareness of the Spanish-speaking world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SPAN 0002 - ELEMENTARY SPANISH 2

Minimum Credits: 5

Maximum Credits: 5

A continuation of Spanish 0001, the course builds on the skills acquired in the first term as students continue to develop their communicative

language skills in Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: PREQ: SPAN 0001

SPAN 0101 - ELEMENTARY SPANISH 1

Minimum Credits: 3

Maximum Credits: 3

This course is designed to develop the student's communicative proficiency through an integrated approach to the teaching of all four language skills: listening, speaking, reading and writing. Grammatical structures; vocabulary and readings are presented as tools for developing good communication skills. The course also aims to foster cultural awareness of the Spanish-speaking world.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

SPAN 0102 - ELEMENTARY SPANISH 2

Minimum Credits: 3

Maximum Credits: 3

A continuation of Elementary Spanish 1, training in spoken and written Spanish.

Academic Career: Undergraduate

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Statistics

1000 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: UGRD

Course Component: Lecture

Grade Component: LG/SNC Elective Basis

Course Requirements: C- or better in MATH 0031 or MATH 0110

Course Attributes: DSAS Quant.-Formal Reason General Ed. Requirement, SCI Quantitative: Statistics GE. Req.

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

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: PREQ: MATH 0120 or MATH 0220

Theatre Arts

THEA 0830 - INTRODUCTION TO PERFORMANCE

Minimum Credits: 3

Maximum Credits: 3

This course is designed to develop the students' awareness of the actor's process and to foster a general sense of theatre as an area of human endeavor. Students will be introduced to basic communication skills, including physical and vocal presence in front of an audience. The course will also develop an introductory level of acting skill through the use of regular warm-ups, theater games, improvisation, and simple scene study. The class will culminate in the performance of a final scene. Scenes will be selected from a diverse range of playwrights and students will examine the political, cultural and social context of each play. The course will also provide an introduction to basic theater terminology, and foster the ability to respond to and reflect on theatrical performances. Each student is required to buy a semester pass and attend university theatre productions.

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.