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

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

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

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# 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. 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.

**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 Hub Campus Police and Security is located here as well.

**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. This service is available to campus and community August - May.

## 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, as well as bicycles available to use on campus. There are trails in the area for walking, running, and biking.

# Administrative Officers, Schools, and Campuses

## Administration

Richard T. Esch, President *President*

Stephanie Fiely, EdD, *Executive Director*

## Emeritus Faculty

Joe M. Ball, *President (Deceased)*

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), *Assistant Professor of Nursing.*

Last, Kerri, MSN, CRNP, Nursing, Clarion University (2000), *Assistant Professor of Nursing, Program Coordinator.*

McClain, Patricia A., MSN, Carlow Univeristy (2010), *Instructor of Nursing.*

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

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.*

Truman, Jean, D.N.P. Nursing, Case Western Reserve Univeristy (2008), *Director of the Nursing Program.*

## Adjunct Faculty

Schmader, Kim, MSN, Nursing

## Pitt-Titusville Advisory Board

Bailey, Jonathan

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Broadhurst, James

Brooks, Michelle

Cressman, Lynn  
Enos, Karen

Foys, Jill

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Paul Lawrence, *Treasurer*

## **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.

**Douglas M. Browning**, *Chairperson*

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Source: *Office of the Secretary, June 28, 2023*



# Locations

<p>Additional Location  <b>Allegheny Intermediate Unit</b>            475 East Waterfront Drive            Homestead, PA 15120            Opened: 08/03/2010</p>	<p>Other Instructional Site  <b>Bellefield Professional Building</b>            130 North Bellefield Avenue            Pittsburgh, PA 15213</p>
<p>Additional Location  <b>Beaver Valley Intermediate Unit</b>            147 Popular Drive            Monaca, PA 15061</p>	<p>Other Instructional Site  <b>Bridgeside Point I</b>            100 Technology Drive, Suite 210            Pittsburgh, PA 15219</p>
<p>Additional Location  <b>Butler County Community College</b>            107 College Drive            Butler, PA 16002            Opened: 08/03/2010</p>	<p>Other Instructional Site  <b>Bridgestone Point II</b>            450 Technology Drive            Pittsburgh, PA 15219</p>
<p>Additional Location  <b>Dick's Sporting Good</b>            345 Court Street            Pittsburgh, PA 15108            Opened: 10/30/2017</p>	<p>Other Instructional Site  <b>Butler County Community College</b>            107 College Dr.            Butler, PA 16002</p>
<p>Additional Location  <b>EMBA Worldwide Sao Paulo, Brazil</b>            Avenida das Nações Unidas 12.551 4º andar - salas 1 e 2 Sao Paulo, 04578-903            Brazil            Opened: 11/01/2016</p>	<p>Other Instructional Site  <b>Center for Strategic and International Studies</b>            1616 Rhode Island Avenue            Washington, DC 20036</p>
<p>Additional Location  <b>Intermediate Unit I (Sch. of Educ.)</b>            Data not provided            Coal Center, PA 00000</p>	<p>Other Instructional Site  <b>Eye &amp; Ear Institute</b>            203 Lothrop Street            Pittsburgh, PA 15213</p>
<p>Additional Location  <b>St. Mary's (Univ of Pgh - Bradford)</b>            Data not provided            St. Mary's, PA 00000</p>	<p>Other Instructional Site  <b>K-Z Guest Ranch</b>            P.O. Box 2167            Cody, WY 82414</p>
<p>Additional Location  <b>U-P at Bradford (c/o Sch of Soc Wk)</b>            Data not provided            Bradford, PA 00000</p>	<p>Other Instructional Site  <b>Kaufmann Building</b>            3471 Fifth Ave.            Pittsburgh, PA 15213</p>
<p>Additional Location  <b>U-P at Johnstown, (c/o Sch of Soc Wk)</b>            Data not provided            Johnstown, PA 00000</p>	<p>Other Instructional Site  <b>Longhorn Lodge</b>            362 N. 4th Street            River Rock, WY 82083</p>
<p>Additional Location  <b>U-P at Titusville, c/o U-P at Bradford</b>            504 E. Main Street            Titusville, PA 16354</p>	<p>Other Instructional Site  <b>Magee Women's Research Institute</b>            204 Craft Ave.            Pittsburgh, PA 15213</p>

Additional Location <b>University of Pittsburgh at Bradford</b> Data not provided 300 Campus Drive Bradford, PA 00000 OPEID: 00337903	Other Instructional Site <b>McKee Place</b> 230 McKee Place Suite 500 Pittsburgh, PA 15213
Additional Location <b>University of Pittsburgh at Greensburg</b> 1150 Mt. Pleasant Rd Greensburg, PA 00000 OPEID: 00337904	Other Instructional Site <b>Neuromuscular Research Laboratory</b> 3860 Water Street Pittsburgh, PA 15203
Additional Location <b>University of Pittsburgh at Johnstown</b> Data not provided 450 Schoolhouse Road Johnstown, PA 00000 OPEID: 00337902	Other Instructional Site <b>Parkvale Building</b> 200 Meyran Avenue Pittsburgh, PA 15213
Additional Location <b>University of Pittsburgh at Titusville</b> Data not provided 504 E. Main St. Titusville, PA 00000 OPEID: 00337901	Other Instructional Site <b>Pymatuning Laboratory of Ecology</b> 13142 Hartstown Road Linesville, PA 16424
Other Instructional Site <b>Bakery Square</b> 6425 Penn Avenue 4th. Floor Pittsburgh, PA 15206	Other Instructional Site <b>Regional Learning Alliance Conference Center</b> 850 Cranberry Woods Drive Cranberry, PA 16066
Other Instructional Site <b>State Correctional Institution at Fayette</b> 50 Overlook Drive LaBelle, PA 15450	Other Instructional Site <b>State Correctional Institution at Greene</b> 169 Progress Drive Waynesburg, PA 15370
Other Instructional Site <b>State Correctional Institution at Somerset</b> 1590 Walters Mill Road Somerset, PA 15510	Other Instructional Site <b>University of Pittsburgh Applied Research Center (UPARC)</b> 3010 William Pitt Way Building A-7, Rm. 216 Pittsburgh, PA 15238
Other Instructional Site <b>University of Pittsburgh-Washington DC Office</b> 2025 M Street, NW Washington, DC 20036	

# Admissions

Bennett Davis Hall  
504 East Main Street  
Titusville, PA 16354  
Phone: 814-827-4408  
Phone toll-free: 888-878-0462  
Fax: 814-827-4522  
E-mail: [uptadm@pitt.edu](mailto:uptadm@pitt.edu)

The University of Pittsburgh at Titusville (Pitt-Titusville) offers a two-year, associate of science degree in Nursing. Pitt-Titusville will prepare you to sit for the State Board of Nursing examination to become a registered nurse. This program maintains the University of Pittsburgh's emphasis on excellence in education by providing a strong foundation in the sciences and clinical knowledge.

Any student with a high school diploma or its equivalent may apply for admission, though applicants must meet certain academic requirements in order to be considered. Each application is evaluated individually by our Nursing Admissions Committee.

## Admission Procedure

All high school graduates, equivalency diploma recipients, and transfer students interested in pursuing nursing education at Pitt-Titusville 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](http://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 (optional for Fall 2024)
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 Pitt-Titusville's ASN degree. Transfer students must have completed at least 12 college credits with at least a 2.75 cumulative GPA. 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 the ASN program will be made by the Registrar 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 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 program, facilities, admission policies, and campus environment. Interviews and visits may be scheduled weekdays throughout the year by calling 814-827-4408 or online at [www.titusville.pitt.edu](http://www.titusville.pitt.edu).

# Admission Requirements

All applicants for admission to the University of Pittsburgh at Titusville must graduate from an accredited secondary school with a minimum cumulative gpa of 2.75 or better on a 4.0 = A scale, or hold an equivalency diploma and submit 16 units of secondary school credits. Recommended preparation includes:

English	4 units
Mathematics (1 unit must be in Algebra)	2 units
Social Science	3 units
Biology with a related laboratory	1 unit
Chemistry with a related laboratory	1 unit
Academic Electives	5 units
<b>Total</b>	<b>16 units</b>

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
EEAP	Economics-Macroeconomics	4, 5	ECON 0110	3
EHAP	European History	4, 5	HIST 0100 or 0101	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
PSAP	Psychology	4, 5	Psychology 0010	3
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 (also see Dropping a Course[s] below). **Dropping below full-time status may adversely affect a student's financial aid.** Students may also resign from the University following the deadlines listed in that term's class schedule. A student will receive a W grade if dropping a course after a certain point in the term, and an R grade if resigning. Neither grade, however, will affect a student's grade point average.

## Dropping a Course(s)

Students who need to drop courses should the Office of Student Services. The Office of Student Services will process all drops.

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 Office of Student Services must provide permission to drop.

## 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.

## 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
- LG/NC Letter Grade and 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 time frame required by the program.
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](http://www.benefits.va.gov/gibill).)

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

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

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

# 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.policy.pitt.edu/sites/default/files/Policies/Community-Standards/Policy\\_CS\\_20.pdf](http://www.policy.pitt.edu/sites/default/files/Policies/Community-Standards/Policy_CS_20.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.

## **General Education Requirements**

### **Competencies**

(A minimum grade of C- is required in all competency courses.)

### Written Literacy

ENG 0101 - ENGLISH COMPOSITION 1

ENG 0102 - ENGLISH COMPOSITION 2

### Mathematics (3 credits in MATH 0031 or Higher)

MATH 0031 - ALGEBRA

MATH 0032 - TRIGONOMETRY AND FUNCTIONS

MATH 0110 - FUNDAMENTALS OF MATHEMATICS

MATH 0120 - BUSINESS CALCULUS

MATH 0200 - PREP FOR SCIENTIFIC CALCULUS

MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1

MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2

## **The Human Experience**

### **Arts and Letters**

(Students must complete at least six credits in Arts and Letters. Three credits must be completed in literature or creative, fine, or performing arts.)

#### Literature

AFRCNA 0150 - AFRICAN AMERICAN LITERATURE

CLASS 1130 /RELGST 1144 - CLASSICAL MYTHOLOGY AND LITERATURE

ENGLIT 0315 - READING POETRY

ENGLIT 0325 - THE SHORT STORY

ENGLIT 0370 - LITERATURE AND IDEAS

ENGLIT 0570 - AMERICAN LITERATURE

ENGLIT 0580 - INTRODUCTION TO SHAKESPEARE

ENGLIT 0625 - DETECTIVE FICTION

ENGLIT 1647 - LITERATURE FOR ADOLESCENTS

RELGST 0135 - CHRISTIAN BIBLE

#### Creative, Fine, and Performing Arts

AFRCNA 0639/MUSIC 0711 - HISTORY OF JAZZ

HAA 0010 - INTRODUCTION TO WORLD ART

HAA 0020 - INTRODUCTION TO ASIAN ART

HAA 0040 - INTRODUCTION TO WESTERN ARCHITECTURE

HAA 0050 - INTRODUCTION TO MEDIEVAL ART

HAA 0070 - ART OF EUROPE

HAA 0440 - FRANK LLOYD WRIGHT

SA 0120 - PAINTING STUDIO 1

SA 0130 - DRAWING STUDIO 1

Foreign Languages

FR 0101 - ELEMENTARY FRENCH 1

FR 0102 - ELEMENTARY FRENCH 2

SPAN 0101 - ELEMENTARY SPANISH 1

SPAN 0102 - ELEMENTARY SPANISH 2

## **Behavioral, Economics, and Political Sciences**

(Students must complete six credits from at least two different categories.)

Behavioral Sciences

COMM 0101 - INTRO TO HUMAN COMMUNICATION

COMMRC 0520 - PUBLIC SPEAKING

COMMRC 0530 - INTERPERSONAL COMMUNICATION

HUSERV 0331 - INTRODUCTION TO HUMAN SERVICES

PSY 0010 - INTRODUCTION TO PSYCHOLOGY

PSY 0160 - PSYCHOLOGY OF PERSONALITY

PSY 0203 - SOCIAL PSYCHOLOGY

PSY 0265 - DATA ANALYSIS AND RESEARCH WRITING

PSY 0310 - DEVELOPMENTAL PSYCHOLOGY

PSY 0405 - LEARNING AND MOTIVATION

PSY 1205 - ABNORMAL PSYCHOLOGY

SOC 0007 - SOCIAL PROBLEMS

SOC 0010 - INTRODUCTION TO SOCIOLOGY

SOC 0471 - DEVIANCE AND SOCIAL CONTROL

SOC 0472/LCJS 1100 - CRIMINOLOGY

SOC 0474/ADMJ 0100 - INTRODUCTION TO LAW, CRIMINAL JUSTICE, & SOCIETY

Economics

ECON 0100 - INTRODUCTION TO MICROECONOMIC THEORY

ECON 0110 - INTRODUCTION TO MACROECONOMIC THEORY

Political Science

PS 0200 - AMERICAN POLITICS

PS 0205 - LAW AND THE COURTS

PS 0500 - INTERNATIONAL RELATIONS



PS 0600 - POLITICAL THEORY

PS 1262 - HEALTH POLICY IN UNITED STATES

## History and Philosophical Inquiry

(Students must complete six total credits. Three credits must be in History. The other three credits can be from History or Philosophical Inquiry.)

### History

AFRCNA 0629/HIST 0670 - AFRICAN AMERICAN HISTORY TO 1877

AFRCNA 0630/HIST 0671 - AFRICAN AMERICAN HISTORY SINCE 1865

HIST 0100 - WESTERN CIVILIZATION 1

HIST 0101 - WESTERN CIVILIZATION 2

HIST 0600 - UNITED STATES TO 1877

HIST 0601 - UNITED STATES 1865-PRESENT

HIST 0678/RELGST 0283 - US AND THE HOLOCAUST

HIST 1656 - AMERICAN WORKERS 20TH CENTURY

RELGST 0135 - CHRISTIAN BIBLE

### Philosophical Inquiry

HPS 0437 - DARWINISM AND ITS CRITICS

PHIL 0080 - INTRODUCTION TO PHILOSOPHICAL PROBLEMS

PHIL 0473 /RELGST 0715 - PHILOSOPHY OF RELIGION

PHIL 0500 - INTRODUCTION TO LOGIC

PHIL 1303 - EASTERN PHILOSOPHY

## Physical, Life and Computational Sciences

(Students must complete at least 3 credits from either the physical or life sciences. The remaining three credits must be from the computational sciences or from physical or life sciences. The total six credits cannot be from the same category.)

### Physical Sciences

CHEM 0106 - CHEMISTRY OF THE ENVIRONMENT

CHEM 0110 - GENERAL CHEMISTRY 1

CHEM 0120 - GENERAL CHEMISTRY 2

CHEM 0310/0330 ORGANIC CHEMISTRY LABORATORY 1

CHEM 0320/0340 ORGANIC CHEMISTRY LABORATORY 2

GEOL 0101 - PHYSICAL GEOLOGY

HRP 0184 - INTRO TO SCIENCE FOR HEALTH PROF

PHYS 0110 - INTRODUCTION TO PHYSICS 1

PHYS 0111 - INTRODUCTION TO PHYSICS 2

PHYS 0174 - BASIC PHYSICS, SCIENCE AND ENGINEERING 1 (INTEGRATED)

PHYS 0175 - BASIC PHYSICS, SCIENCE AND ENGINEERING 2 (INTEGRATED)

PHYS 0212 - INTRODUCTION TO LABORATORY PHYSICS

PHYS 0219 - BASIC LABORATORY PHYSICS SCIENCE AND ENGINEERING

#### Life Sciences

BIOSC 0050 - FOUNDATIONS OF BIOLOGY LABORATORY 1

BIOSC 0060 - FOUNDATIONS OF BIOLOGY LABORATORY 2

BIOSC 0096 - INTRODUCTION TO HUMAN SYSTEMS

BIOSC 0097 - INTRODUCTION TO HUMAN SYSTEMS LABORATORY

BIOSC 0100 - PREPARATION FOR BIOLOGY

BIOSC 0150 - FOUNDATIONS OF BIOLOGY 1

BIOSC 0160 - FOUNDATIONS OF BIOLOGY 2

BIOSC 0212 - HUMAN ANATOMY AND PHYSIOLOGY 1

BIOSC 0213 - HUMAN ANATOMY AND PHYSIOLOGY 2

BIOSC 0214 - HUMAN ANATOMY AND PHYSIOLOGY LABORATORY 1

BIOSC 0215 - HUMAN ANATOMY AND PHYSIOLOGY LABORATORY 2

BIOSC 0370 - ECOLOGY

BIOSC 0390 - ECOLOGY LABORATORY

BIOSC 0820 - ENVIRONMENTAL SCIENCE

HPRED 0106 - NUTRITION

HPRED 0107 - NUTRITION LABORATORY

BIOSC 1000 - BIOCHEMISTRY

#### Computational Sciences

CS 0007 - INTRODUCTION TO COMPUTER PROGRAMMING

CS 0180 - DATABASE DESIGN

CS /COE 0401 - INTERMEDIATE PROGRAMMING USING JAVA

CS 0441 - DISCRETE STRUCTURES FOR CS

MATH 0220 - ANALYTIC GEOMETRY AND CALCULUS 1

MATH 0230 - ANALYTIC GEOMETRY AND CALCULUS 2

STAT 1000 - APPLIED STATISTICAL METHODS

# 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 considered for an at entry Nursing Scholarship. PA residents can qualify for \$6,000 and Out of State residents can qualify for \$10,000. The grant is renewable for the second year only at the Titusville campus if the student remains at full-time enrollment and has a cum GPA of 2.0 or higher.

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 2022-2023 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.

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

## 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
Admissions deposit (non refundable) (applied to first term's tuition)	\$200

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).

<b>Course Fees</b>	
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.**

<b>Service Fees</b>	
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
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## 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.

Eligibility for Pennsylvania tuition (in-state rates) is governed by the University's Policy on PA Residency Classification. The policy establishes the criteria used to classify a student as a Pennsylvania Resident (PA Resident) or Non-Resident for tuition purposes. PA Residents are charged in-state tuition rates; Non-Residents are charged out-of-state rates. The term "PA Resident" for tuition billing purposes may differ from other definitions of Pennsylvania residency.

### I. Scope

This policy affects tuition rates charged to students who are enrolled in classes at the University of Pittsburgh. It outlines the requirements that must be met to be considered a PA Resident and the responsibilities of those charged with managing the process governing classification of a student's residency, including the PA Residency Coordinators at each campus.

### II. Definitions

A. PA Resident: Classification of students who are charged the in-state tuition rate.

B. Enrolled: Enrolled, as it pertains to this policy, means a student is registered for one or more classes.

### III. Policy

One of the requirements to be considered a PA Resident for tuition purposes is that a student must live in PA for 12 continuous months immediately prior to enrollment at an institution of higher education in PA. This is called the "12 Month Requirement." Students under the age of 22 are considered minors for purposes of residency determination and are classified based on the residency information of their parent(s) or legal guardian(s).

**In addition to meeting the 12 Month Requirement,** Non-U.S. Citizens must submit documentation proving they fall into one of the three immigration categories in the "Non-U.S. Citizens Immigration Requirements" section of this policy.

Section V below outlines the requirements that must be met in determining residency classification. As explained in that section, PA Residency Coordinators serve as the central points of contact for submitting materials required under this Policy. Contact information for the PA Residency

Coordinators at each campus is provided in Section IX-Resources, below. Where deadlines in this Policy refer to academic term and session dates, please refer to the University's official academic calendar on the Office of the University Registrar's website.

#### Scholarships Contingent on Non-Residency

A student receiving a scholarship or grant contingent on maintaining a residence in a state other than PA will be classified as a Non-Resident for tuition purposes.

University of Pittsburgh grants or scholarships awarded to the student based on out-of-state residency status may be reduced or cancelled if the student is subsequently reclassified as a PA Resident.

### IV. Requirements

#### A. 12 Month Requirement

Students who have lived in PA for at least 12 consecutive months immediately prior to enrollment at any institution of higher education in PA meet the 12 Month Requirement. For U.S. Citizens, this is all that is required for classification as a PA Resident. Students who are Non-U.S. Citizens must also meet the immigration requirements described in Subsection B below in order to be eligible for reclassification to PA Resident. Students under the age of 22 are considered minors for purposes of residency determination and are classified based on the residency information of their parent(s) or legal guardian(s).

Students who do not meet the 12 Month Requirement are classified as Non-Residents. Those who wish to challenge their classification can file a petition with their campus PA Residency Coordinator. Instructions are provided below in Section VI. Petitioning to Overcome the 12 Month Requirement.

#### B. Non-U.S. Citizens Immigration Requirements

**In addition to meeting the 12 Month Requirement**, Non-U.S. Citizens must demonstrate that they fall into one of three immigration categories to be reclassified to PA Resident:

1. Asylee, refugee, or U.S. Lawful Permanent Resident (green card holder); or
2. Has an approved I-140 or I-130, along with Form I-797, the Receipt Notice for the filing of Form I-485; or
3. Has an approved I-140 or I-130, along with evidence to support that they intend, but are unable, to file a Form I-485 because they do not have a current priority date as determined by the most recent U.S. Department of State Visa Bulletin.\* To provide sufficient evidence under this category, the student must provide evidence of their country of birth; in most cases, a copy of the passport identification page meets this requirement.

Filing Deadlines. Students who meet the 12 Month Requirement and fall into one of the immigration categories above must submit copies of their immigration documents to their campus PA Residency Coordinator to request reclassification by:

- Fall, Spring, and Summer Terms: no later than 30 calendar days after the first official day of classes for the term.
- Summer session within the Summer Term: no later than 15 calendar days after the first official start date of classes for the session.

If documentation is submitted after the deadline, the request for reclassification will be effective on the first day of the following term or summer term session. Residency reclassification is not retroactive to any prior terms.

*\* Refer to the U.S. Department of State and U.S. Citizen and Immigration Services for further information about determining your priority dates. As explained in those resources, a person's priority date is determined by the specific category of permanent residency applied for, and the country of chargeability (birth).*

#### C. Military Affiliated Students

Qualifications. Individuals who meet at least one of the following qualifications are eligible for PA Resident status for tuition purposes:

Under the Commonwealth of Pennsylvania Statutes Title 24 (Education), Section 2509 (the "Act").

1. Any Veteran, their spouse, dependent children, or any other individual who is eligible to receive benefits under any of the following:

1. 10 U.S.C. Chapter 1606 Montgomery GI Bill® Selected Reserve
2. 38 U.S.C. Chapter 30 Montgomery GI Bill® Active Duty
3. 38 U.S.C. Chapter 31 Vocational Rehabilitation and Employment
4. 38 U.S.C. Chapter 33 Post-9/11 GI Bill®



In addition, a child, a spouse, or a surviving spouse who is eligible to receive benefits under Chapter 35 (relating to survivors' and dependents' educational assistance) qualifies for the PA Resident tuition rate.

For purposes of the Act, a "Veteran" is any individual who served in the United States Armed Forces, including a reserve component or National Guard, and who was discharged or released from service under conditions other than dishonorable.

If you meet any of the above-listed requirements, please provide a copy of the Service Member's DD214 and your Certificate of Eligibility from the VA to the Residency Coordinator at the Pittsburgh campus.

2. Military personnel who are assigned to an active duty station in Pennsylvania and who reside in Pennsylvania, and their spouses and dependent children. If you meet this requirement, please provide a copy, to the Residency Coordinator at the Pittsburgh campus, of the active duty member's orders and a copy of the first page of the most recent IRS Form 1040/1040A displaying the name of the spouse or dependent child, if applicable.

3. Civilian personnel employed at a US Department of Defense facility who are transferred to Pennsylvania by the US Department of Defense and who reside in Pennsylvania, and their spouses and dependent children. If you meet this requirement, please provide a letter, to the Residency Coordinator at the Pittsburgh campus, from the US Department of Defense that documents the transfer to Pennsylvania specifying the name of the person employed, the applicable US Department of Defense facility in Pennsylvania, and the start date, along with a copy of the first page of the most recent IRS Form 1040/1040A displaying the name of the spouse or dependent child, if applicable.

Under the Commonwealth of Pennsylvania Consolidated Statutes Title 51 (Military Affairs), Chapter 32:

1. Service Members of the Pennsylvania National Guard who are receiving the Education Assistance Program (EAP) Grant qualify for the resident tuition rate. Beginning academic year 2020-2021, PA National Guard members' spouses, surviving spouses, and children who are eligible for benefits under the Military Family Education Program (MFEP) also qualify for the resident tuition rate. If you meet these requirements, you will be reclassified to a Pennsylvania resident once you are an enrolled student and the financial aid office has been notified by the Pennsylvania Higher Education Assistance Agency that you have been awarded EAP or MFEP benefits.

Filing Deadlines. Military affiliated students should submit the documentation described in paragraph (1), (2), or (3) above to the PA Residency Coordinator at their campus to request reclassification by:

- Fall, Spring, and Summer Terms: no later than 30 calendar days after the first official day of classes for the term
- Summer session within the Summer Term: no later than 15 calendar days after the first official start date of classes for the session.
- date of classes for the session.

If documentation is submitted after the deadline, the request for reclassification will be effective on the first day of the following term or summer term session. Residency reclassification is not retroactive to any prior terms.

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](http://www.benefits.va.gov/gibill).

## **V. Petitioning and Appealing to Overcome the 12 Month Requirement**

### **A. Filing a Petition**

Students whose initial residency classification is Non-Resident because they do not meet the 12 Month Requirement may complete the University's petition form and file it, together with supporting documentation, to the PA Residency Coordinator at their campus. Through the Petition Process and supporting documentation, the student must demonstrate that they:

1. Came to PA for reasons other than enrollment in an institution of higher education; and/or
2. Intend and are able to live in PA permanently or indefinitely upon completion of their academic studies.

Contact information for the PA Residency Coordinator at each campus, the petition form, and its filing instructions, are provided in Section IX-Resources, below.

Petition Deadlines. A student must submit their petition to the PA Residency Coordinator by:

- Fall, Spring, and Summer Terms: no later than 30 calendar days after the first official day of classes for the term.
- Summer session within the Summer Term: no later than 15 calendar days after the first official start date of classes for the session.

Petitions Filed After the Deadline. A petition filed after the deadline will be considered for the following term or summer term session.

Request for Additional Documentation. If additional documentation and information is requested by the PA Residency Coordinator, it must be submitted within 15 days of the date requested. Otherwise, the petition will be denied for that term.

## B. Factors Considered

The following factors may be taken into consideration by the University when rendering a decision on a petition or appeal for reclassification. No required number of factors must be met, since each case is decided on the basis of the facts provided, the quality and reliability of the documentation submitted, and *the student's intentions and actual ability to live permanently or indefinitely in PA*.

- Payment of appropriate PA state and local taxes.
- Agreement for permanent, full-time employment in Pennsylvania.
- Lease or purchase of a permanent, independent residence in Pennsylvania by the student.
- Transfer of bank accounts, stocks, automobiles, and other registered property to Pennsylvania from another state.
- Membership in social, civic, political, athletic, and religious organizations located in Pennsylvania.
- Procurement of a Pennsylvania driver's license.
- Procurement of a Pennsylvania motor vehicle registration.
- Registration to vote in Pennsylvania
- A notarized statement by the student or their parent(s) or legal guardian(s) in the case of a minor declaring their intention to make Pennsylvania their residence either permanently or for an indefinite period of time.
- A notarized statement from the parent(s) or legal guardian(s) of a student under the age of 22 setting forth facts to establish the student's financial independence and separate residence. The student should provide financial documentation demonstrating the ability to fully and independently support themselves to substantiate this condition.

## C. PA Residency Coordinator Decision

The PA Residency Coordinator will review the petition and supporting documentation, and then render a decision and provide written notification to the student.

If the petition was submitted by the deadline for the term, and the petition is approved, the residency reclassification will remain in effect going forward.

A petition filed after the deadline for a term, if approved, will be effective on the first day of the following term or summer term session. Reclassification is not retroactive to any prior terms.

If the petition is denied, the student has 30 days from the date of notice of denial to inform their PA Residency Coordinator in writing if they wish to appeal by appearing before the University Residency Appeals Committee (the Committee) as noted in Subsection D below. The PA Residency Coordinator will notify the Committee of the student's request.

## D. University Residency Appeals Committee

If a student properly files an appeal of the PA Residency Coordinator's decision, the student will be invited to the next regularly scheduled meeting of the Committee so the Committee can review the PA Residency Coordinator's decision. The student has the option to attend that meeting with the Committee to discuss their case and answer questions. After the meeting, the Committee will deliberate and render a final decision that will be provided to the student in writing. If the student wishes to be accompanied to the meeting by legal counsel, the attorney will be limited to observing and cannot participate in the meeting, nor respond to questions on behalf of the student.

If the initial petition form was submitted by the deadline, and the Committee approves the student's appeal, the effective beginning term of reclassification will be term in which the student filed the petition.

If the initial petition form was submitted after the deadline for a term, and the Committee approves the appeal, the effective beginning term of reclassification will be on first day of the following term or summer term session. Reclassification is not retroactive to any prior terms.

## VI. Notifications

1. When a student moves from Pennsylvania to another state they must give written notice to their campus PA Residency Coordinator.
2. When parents of a student under 22 years of age move, the student must give written notice of any change in their parent's/parents' or legal guardian's/legal guardians' address to their campus PA Residency Coordinator.

## VII. Adjustments and False Information

Students who are found eligible for in-state rates due to an error in classification are subject to retroactive reclassification as Non-Residents and are responsible for the payment of all related tuition and fees.

Students who are found eligible for in-state rates as a result of false or concealed facts are subject to University discipline and are responsible for the immediate payment of all Non-Resident tuition and fees. Failure to make payment in full may result in legal action and additional costs, including legal fees, court costs, and collection costs that may include an additional percentage of the total amount due to the University, if the unpaid account balance is assigned to a Collection Agency.

The University reserves the right to periodically audit and make any necessary adjustment in the classification of all students.

### **VIII. Governance or Responsibilities**

#### **A. Student**

- Under 22, notifies the University of a change in residency of their parent(s) or legal guardian(s);
- Notifies the University of a change in their residency status;
- Files a petition with their campus PA Residency Coordinator, if they receive a Non-Resident classification; and
- Notifies their PA Residency Coordinator if they wish to file an appeal of a decision to deny their petition of a Non-Resident classification.

#### **B. PA Residency Coordinator**

- Reviews residency petitions and makes decisions on residency classification;
- Communicates results to the student as needed and when appropriate;
- Notifies the University Residency Appeals Committee of a student's appeal of the PA Residency Coordinator's decision on a petition; and
- Provides written notification to the student of the Committee's final decision, if the student has elected to have the Committee review the appeal.

#### **C. University Residency Appeals Committee**

- Reviews student appeals; and
- Provides final decisions on residency classification based on information provided during the review of the appeal.

### **Petitioning for Eligibility for Reduced Tuition Rates**

Instructions for Petitioning

## **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. 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 non-refundable 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

## Undergraduate Cost of Attendance

### Titusville Campus

Cost of Attendance includes Tuition, Mandatory Fees, and Other Estimated Expenses. Tuition and Mandatory Fees are the board-approved rates. Tuition and mandatory fees also apply to the summer term.

Costs charged to the student account include tuition and mandatory fees, on-campus housing, university meal plans, some course materials, and certain program-related fees. Examples of costs that are not charged to the student account are off-campus housing and food, misc. personal expenses, and transportation costs.

## Tuition Rates for Pennsylvania Residents

School/College	Full-time, Two terms	Full-time per Term	Part-time per Credit
Titusville Campus (except Nursing)	\$11,568	\$5,784	\$482
Titusville: Nursing	\$16,824	\$8,412	\$701

## Tuition Rates for Out-of-State Residents

School/College	Full-time, Two terms	Full-time per Term	Part-time per Credit
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<b>Titusville Campus (except Nursing)</b>	\$21,860	\$10,930	\$910
<b>Titusville: Nursing</b>	\$31,300	\$15,650	\$1,304

## Mandatory Fees

Fee Type	Full-time, Two terms	Full-time per Term	Part-time per Term
<b>Computing and Network Services Fee</b>	\$350	\$175	\$100
<b>TOTAL</b>	\$350	\$175	\$100

\*Tuition and Mandatory fees exhibited on the **Tuition Rates and Fees website** are subject to change without prior notice.

## Other Estimated Expenses (Living On or Off Campus)

Fee Type	Full-time, Two Terms	Full-time per Term	Part-time per Term
<b>Housing</b>	\$7,232	\$3,616	\$3,616
<b>Food</b>	\$6,106	\$3,053	\$3,053
<b>Books &amp; Supplies</b>	\$750	\$375	\$375
<b>Transportation</b>	\$2,690	\$1,345	\$1,009
<b>Loan Fees</b>	\$80	\$40	\$40
<b>Miscellaneous Personal Expenses</b>	\$2,012	\$1,006	\$1,006
<b>Total*</b>	\$18,870	\$9,435	\$9,099

## Other Estimated Expenses (Living at Home)

Fee Type	Full-time, Two Terms	Full-time per Term	Part-time per Term
<b>Housing</b>	\$7,232	\$3,616	\$3,616
<b>Food</b>	\$6,106	\$3,053	\$3,053
<b>Books &amp; Supplies</b>	\$750	\$375	\$375
<b>Transportation</b>	\$2,690	\$1,345	\$1,009
<b>Loan Fees</b>	\$80	\$40	\$40
<b>Miscellaneous Personal Expenses</b>	\$2,012	\$1,006	\$1,006

<b>Total*</b>	\$18,870	\$9,435	\$9,099
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\*The Other Estimated Expenses displayed are the same for PA and non-PA students. Your actual expenses may vary based on student choice, travel habits, and academic program.

## 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 2023	April 19, 2023	May 17, 2023
	May 17, 2023	June 14, 2023
Fall 2023	July 26, 2023	September 13, 2023
Spring 2024	November 15, 2023	January 24, 2024

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.

Holds on accounts in collections status are cleared weekday mornings, after the account is paid. If you make a credit card payment to clear your balance, the enrollment hold is released the next business morning. If you pay off your balance by electronic check (eCheck) instead, there is a waiting period of 2 business days, to allow time for the check to clear your bank and ours. An automated process will release the hold once 2 full business days have passed. For example, if you make your eCheck payment by 5:00 pm Friday, the hold will be auto-released on Wednesday morning.

*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
Fall 2023	September 13, 2023	September 14, 2023 \$50 late fee and financial hold.  October 12, 2023 \$200 late fee and financial hold.  November 9, 2023 Account is referred to University Collections and may be assessed \$100 Collection Fee.
Spring 2024	January 24, 2024	January 25, 2024 \$50 late fee and financial hold.  February 22, 2024 \$200 late fee and financial hold.  March 21, 2024 Account is referred to University Collections and may be assessed \$100 Collection Fee

## Academic Programs

The associate degree is an excellent option for the beginning college student. Pitt-Titusville's associate degrees are career oriented and help students either to prepare for a new career or a new job in business and industry or to enhance the skills needed for advancement in the job they currently hold. Most of the associate degree programs are flexible, allowing students to attend classes full-time or part-time, and are ideal for the older student returning to college.

The associate degree is also a good place to start on a four-year program. Many credits earned at Pitt-Titusville can be transferred into programs at one of the other University of Pittsburgh Campuses. However, not all credits will transfer and entrance requirements into other programs and schools are determined by the recipient school. Students are encouraged to consult with their advisor early in their studies in order to select the most appropriate courses to match their future goals.

## Transfer Programs

Many students who attend the University of Pittsburgh at Titusville will either relocate to one of the four-year campuses in the system (Pittsburgh, Bradford, Johnstown, or Greensburg) or transfer to another university. Each student must become familiar with the requirements of the relocation or transfer campus, the requirements of the college, and the requirements of the major.

Information on programs and schools within the Pitt system can be found at <http://www.pitt.edu/academics.html>.

## Articulation Agreements

### Lake Erie College of Osteopathic Medicine School of Pharmacy

The University of Pittsburgh at Titusville and the Lake Erie College of Osteopathic Medicine (LECOM) School of Pharmacy have entered into an agreement for the training of future pharmacy practitioners. Under the joint agreement, students will successfully complete the two-year undergraduate program in pre-pharmacy at Pitt-Titusville, then matriculate into LECOM School of Pharmacy to complete the professional curriculum of the Doctor of Pharmacy (PharmD) degree in three additional years.

For information regarding course requirements, log on to: <http://www.upt.pitt.edu/pharmacy-0>.

## Second Associate Degree



Students who have earned an associate degree at Pitt-Titusville and now wish to earn a second associate degree may do so by completing the requirements for the second degree. All appropriate course work from the first degree will apply to the second degree, up to a maximum of 45 credits. In other words, a minimum of fifteen new credits must be earned.

# Nursing

## Nursing, AS in Nursing

Contact: [Dr. Jean Truman](#)

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 is approved by the Commonwealth of Pennsylvania and accredited by ACEN - Accreditation Commission for Education in Nursing (formerly NLNAC).

*Accreditation Commission for Education in Nursing (ACEN)*

*3343 Peachtree Road, NE*

*Suite 1400*

*Atlanta, Georgia, 30326*

*(404)975-5000*

*The most recent accreditation decision made by the ACEN Board of Commissioners for the Associate of Science in Nursing program is Continuing Accreditation. View the public information disclosed by the ACEN regarding this program at <http://www.acenursing.com/accreditedprograms/programsearch.htm>*

*AS in Nursing 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.*

## Degree Requirements

### Course Requirements in the Major

Students must attain a minimum grade of "C" in all required nursing courses and science cognate courses (BIOL 0202, BIOL 0212, BIOL 0213, BIOL 0222, BIOL 0223, and CHEM 0103), as well as a minimum grade of "C-" in all required General Education and elective courses.

- NUR 0106 - SUCCEEDING IN NURSING EDUCATION
- NUR 0109 - CLINICAL CALCULATIONS
- NUR 0111 - FUNDAMENTALS OF NURSING
- NUR 0112 - COMPREHENSIVE NURSING 1
- NUR 0113 - PHARMACOLOGY IN NURSING
- NUR 0211 - COMPREHENSIVE NURSING 2
- NUR 0212 - COMPREHENSIVE NURSING 3

Credits: 38

Required for some students:

- NUR 0100 - TRANSITION NURSING FOR LPNS

Other required courses:

- BIOL 0202 - MICROBIOL FOR ALLIED HEALTH PROFESSIONALS
- BIOL 0212 - HUMAN ANATOMY AND PHYSIOLOGY 1
- BIOL 0213 - HUMAN ANATOMY AND PHYSIOLOGY 2

- BIOL 0222 - HUMAN ANATOMY AND PHYSIOLOGY LAB 1
- BIOL 0223 - HUMAN ANATOMY AND PHYSIOLOGY LAB 2
- CHEM 0103 - BIOLOGICAL CHEMISTRY
- ENG 0101 - ENGLISH COMPOSITION 1
- PSY 0010 - INTRODUCTION TO PSYCHOLOGY

## 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

Credits: 28

Minimum credits required for graduation: 66

## Suggested Course of Study

### First Year

#### Fall Term

- 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

#### Spring Term

- 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: 34

### Second Year

#### Fall Term

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

#### Spring Term

- BIOL 0202 - MICROBIOL FOR ALLIED HEALTH PROFESSIONALS

- NUR 0212 - COMPREHENSIVE NURSING 3
- Human experience elective - 3 credits  
Credits: 32

## 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 an 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. Prospective students in that situation should contact the board of nursing in the state where they plan to practice.

## Transportation

Please note, that Pitt Titusville is located in rural Pennsylvania. Clinical experiences throughout the ASN program necessitate travel to agencies within and beyond the Titusville community in order to facilitate student's meeting program outcomes. When the student is enrolled in a course necessitating travel to community agencies, the student is responsible for providing their own transportation to and from the agency. Students are not permitted to travel in agency-employee-vehicles during clinical or observational experiences.

# 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 of Justice**

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

**Minimum Credits:** 3

**Maximum Credits:** 3

Enrollment Alert: Effective Spring 2022, this course replaces ADMJ 0100 SOCIETY AND THE LAW. If you have previously taken ADMJ 0100, contact your advisor about course repeat limitations/rules. 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 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

## **Africana Studies**

### **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, SCI Diversity General Ed. Requirements, SCI Polymathic Contexts: Humanistic GE. Req.

### **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 - 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:** African Studies, DSAS Diversity General Ed. Requirement, DSAS Historical Analysis General Ed. Requirement, 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.

## **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

**Course Attributes:** UPB Life Sci. General Ed. Requirement

## **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

**Course Attributes:** UPB Life Sci. General Ed. Requirement

## **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 Sciences

### 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

**Course Attributes:** Undergraduate Research

## **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

**Course Attributes:** Undergraduate Research

## **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

## **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

## **Chemistry**

### **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 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, SCI Polymathic Contexts: Science NonSeq.GE. Req.

## Classics

### 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

## 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 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

## Computer Science

### 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 the School of Computing and Information's intermediate programming class. 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 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

## **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.

## **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

## **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 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 Intensive Course (WRIT)

## **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 Intensive Course (WRIT)

## **English Film Studies**

## **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, 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 Intensive Course (WRIT)

### **ENGLIT 0325 - THE SHORT STORY**

**Minimum Credits:** 3

**Maximum Credits:** 3

This course studies short stories that explore a variety of themes. It seeks to define the short story as a specific literary genre and to distinguish it from earlier forms of short narrative literature. It then goes on to examine the effects of literary, cultural and historical traditions on these stories and their reception.

**Academic Career:** Undergraduate

**Course Component:** Seminar

**Grade Component:** LG/SNC Elective Basis

**Course Attributes:** DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

### **ENGLIT 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 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 Requirements:** PREQ: ENG 0102 or ENGCMP (0002 or 0006 or 0020 or 0200 or 0203 or 0205 or 0207 or 0208 or 0210 or 0212 or 0213 or 0214) or ENGFLM 0210 or FP (0003 or 0006) \*Applies to all WRIT Courses\*

**Course Attributes:** DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

## **ENGLIT 0570 - AMERICAN LITERATURE**

**Minimum Credits:** 3

**Maximum Credits:** 3

This first course in American literature explores the characteristic features of writings from the colonial period to the present. It emphasizes the interaction between literary texts and their social contexts, and examines the emergence of a national literature.

**Academic Career:** Undergraduate

**Course Component:** Lecture

**Grade Component:** LG/SNC Elective Basis

**Course Attributes:** DSAS Literature General Ed. Requirement, SCI Polymathic Contexts: Humanistic GE. Req., Writing Intensive Course (WRIT)

## **ENGLIT 0580 - INTRODUCTION TO SHAKESPEARE**

**Minimum Credits:** 3

**Maximum Credits:** 3

This course will focus on a number of Shakespeare's major plays from all phases of his career. Class discussion will consider the historical context of the plays, their characterization, theatrical technique, imagery, language and themes. Every attempt will be made to see the plays both as poems and as dramatic events.

**Academic Career:** Undergraduate

**Course Component:** Seminar

**Grade Component:** LG/SNC Elective Basis

**Course Attributes:** DSAS Literature General Ed. Requirement, Medieval & Renaissance Studies, SCI Polymathic Contexts: Humanistic GE. Req., West European Studies, Writing Intensive Course (WRIT)

## **ENGLIT 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 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 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 - FIRST-YEAR 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. Meetings include departmental representatives,

professional development, and first-year academic advisors. A formal departmental choice is made at the conclusion of this course.

**Academic Career:** Undergraduate

**Course Component:** Seminar

**Grade Component:** H/S/U Basis

**Course Requirements:** PREQ: ENGR 0081; CREQ: ENGR12

## **ENGR 1011 - MODERN MACHINING PROCESSES**

**Minimum Credits:** 2

**Maximum Credits:** 2

This course is designed to introduce the student to modern machining processes and engineering materials through theory and active learning

**Academic Career:** Undergraduate

**Course Component:** Lecture

**Grade Component:** Letter Grade

## **ENGR 1012 - MODERN MACHINING PROCESSES BASIC LAB**

**Minimum Credits:** 1

**Maximum Credits:** 1

This introduction lab is designed to introduce the student to machining processes through theory, active learning and hands-on training on industry grade machine tools.

**Academic Career:** Undergraduate

**Course Component:** Credit Laboratory

**Grade Component:** Letter Grade

## **ENGR 1013 - MODERN MACHINING PROCESSES ADVANCED LAB**

**Minimum Credits:** 3

**Maximum Credits:** 3

This advanced lab is designed to train students in modern machining processes through theory, active learning and hands-on training on industry grade machine tools.

**Academic Career:** Undergraduate

**Course Component:** Credit Laboratory

**Grade Component:** Letter Grade

## **ENGR 1014 - CNC THEORY AND OPERATION**

**Minimum Credits:** 2

**Maximum Credits:** 2

This course is designed to introduce the student to the theory, programming and operation of computer controlled manufacturing machines. Course will cover topics using active learning and hands-on training projects.

**Academic Career:** Undergraduate

**Course Component:** Lecture

**Grade Component:** Letter Grade

## **ENGR 1015 - CNC THEORY AND OPERATION - BASIC LAB**

**Minimum Credits:** 1

**Maximum Credits:** 1

This introduction lab is designed to introduce the student to the programming and operation of computer controlled manufacturing machines with industry grade machine tools.

**Academic Career:** Undergraduate

**Course Component:** Credit Laboratory

**Grade Component:** Letter Grade

## **ENGR 1016 - CNC THEORY AND OPERATION - ADVANCED LAB**

**Minimum Credits:** 3

**Maximum Credits:** 3

This advanced lab is designed to train students in extensive programming and operation of computer controlled manufacturing machines with industry grade machine tools.

**Academic Career:** Undergraduate

**Course Component:** Credit Laboratory

**Grade Component:** Letter Grade

## **French**

### **FR 0101 - ELEMENTARY FRENCH 1**

**Minimum Credits:** 3

**Maximum Credits:** 3

This beginners' French course is open to all students and provides a solid introduction to speaking, understanding, reading and writing French. Indeed, you will begin speaking French from day one! The course focuses on functional language use for real world situations in the French-speaking world around the globe, whether you find yourself at a hockey game in Montreal, at a fine restaurant in Paris, at a resort in Dakar or on a hiking trip in the Atlas. No prerequisites. Taught in French. Students should continue on to FR 0102 the following semester.

**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

Had some French in the past? Want to get better for that trip to Paris, Montréal, or Dakar? Continue to gain fluency and prepare for trips abroad, future careers, or studies in French 0102! In this second-semester course, we help you build on skills gained in French 0101 or from previous studies elsewhere. French 0102 also prepares you to engage in real-life communication. At the end of the course, you will be able to ask questions, make comparisons, and exchange personal information with ease. Prerequisite: FR 0101 or Placement.

**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 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

## 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 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

## **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 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 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 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 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 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 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

## **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

## **History and Phil 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.

## **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 and 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

## **Law Criminal Justice & Society**

### **LCJS 1100 - CRIMINOLOGY**

**Minimum Credits:** 3

**Maximum Credits:** 3

Enrollment Alert: Effective Spring 2022, this course replaces ADMJ 0600 INTRODUCTION TO CRIMINOLOGY. If you have previously taken ADMJ 0600, contact your advisor about course repeat limitations/rules. 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

## **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 ENGCMP 0200 or ENG 0101

## **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

**Course Attributes:** UPB Math Competency General Ed. Requirement

## **MATH 0120 - BUSINESS CALCULUS**

**Minimum Credits:** 4

**Maximum Credits:** 4

This course introduces the basic concepts of limits, continuity, differentiation, integration, maximization and minimization. Applications to the social sciences, especially business and economics, are stressed.

**Academic Career:** Undergraduate

**Course Component:** Lecture

**Grade Component:** LG/SNC Elective Basis

**Course Requirements:** PREQ: 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 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.

## **Music**

### **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

## **Philosophy**

### **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 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 0470 - PHILOSOPHY OF RELIGION**

**Minimum Credits:** 3

**Maximum Credits:** 3

A critical examination of the rationality of faith in the existence of god. Traditional arguments both for and against the existence of god are considered, along with pragmatic justifications of faith based upon its beneficial consequences.

**Academic Career:** Undergraduate

**Course Component:** Lecture

**Grade Component:** LG/SNC Elective Basis

**Course Attributes:** DSAS Phil. Think or Ethics General Ed. Requirement, Global Studies, SCI Polymathic Contexts: Ethical/Policy GE. Req.

### **PHIL 0500 - INTRODUCTION TO LOGIC**

**Minimum Credits:** 3

**Maximum Credits:** 3

An introduction to the concepts and methods of modern deductive logic. Propositional logic is emphasized, but quantificational logic is touched upon.

**Academic Career:** Undergraduate

**Course Component:** Lecture

**Grade Component:** LG/SNC Elective Basis

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

## **PHIL 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

**Course Attributes:** DSAS Phil. Think or Ethics General Ed. Requirement, SCI Polymathic Contexts: Ethical/Policy GE. Req.

## **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 Education**

### **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 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 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

# 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 (NPATAE); 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 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 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

## **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 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 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, Learning Sciences

## **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 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](mailto: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

## **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 Polymathic Contexts: Soc/Behav. GE. Req., West European Studies

## **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 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

## **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 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 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:** Children's Literature, DSAS Social Science General Ed. Requirement, SCI Polymathic Contexts: Soc/Behav. GE. Req.

### 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

## **Statistics**

### **STAT 1000 - APPLIED STATISTICAL METHODS**

**Minimum Credits:** 4

**Maximum Credits:** 4

This course is an intensive introduction to statistical methods. It is designed for students who want to do data analysis and to study further ideas in applied statistics beyond this course. The topics covered include descriptive statistics, elementary probability, random sampling, controlled experiments, hypothesis testing, regression and the analysis of variance. Emphasis will be placed on the statistical reasoning underlying the methods. Students will also become proficient at the use of a statistical software package.

**Academic Career:** Undergraduate

**Course Component:** Lecture

**Grade Component:** LG/SNC Elective Basis

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

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

## **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.