

LA ROCHE COLLEGE



Course Catalog 2010-11

Table of Contents

La Roche Academic Policies and Regulations.....	3
Classification of students.....	3
Probation and Dismissal	4
Athletic Eligibility	5
Confidentiality of Student Records	7
Alumni/ Development Personnel.....	9
Degree Requirements.....	11
Credit for Life Experience	12
Direct Research code.....	13
Independent Study code	14
Internship Code	15
Grading System.....	17
Registration	19
Tuition and fees.....	20
Faculty.....	21
Board of Trustees.....	24
La Roche College Core Curriculum.....	26
Programs of Study/ Majors, Minors/ Certificates/Special Programs.....	30
Business	30
Design.....	41
Education and Nursing.....	43
Humanities.....	48
Natural and Behavioral Science.....	62
Other.....	73
Course descriptions.....	79

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Student Classification



LA ROCHE
COLLEGE

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Policy and Procedures

Policy Title: Classification, Students Code: AU

Issuer: President

Approved By: V. P. Academic Affairs Date: Fall 86

Reviewed: October, 1999

Published In: Undergraduate Catalog Date: 1986-88

POLICY

At the end of each semester the registrar classifies students according to the number of credit hours they have completed:

- A freshman is one who has completed fewer than 30 credits.
- A sophomore is one who has completed between 30 and 59 credits.
- A junior is one who has completed between 60 and 89 credits.
- A senior is one who has completed 90 credits or more.
- A full-time student is one who is registered for 12 or more credit hours in a regular semester.
- A part-time student is one who is carrying less than 12 credits hours in a regular semester.
- A matriculated student is one who has satisfied all admission requirements for a degree program and is taking courses leading to a degree.
- A special student is one who is not pursuing a degree program at La Roche College. All special students are required to register through the admissions office.

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Probation, Dismissal, Reinstatement



LA ROCHE

COLLEGE

Policy and Procedures

Policy Title: Probation, Dismissal, Code: AU

Reinstatement

Issuer: President

Approved By: Academic Senate Date: 2/16/85

Reviewed: September, 1999

Published In: Undergraduate Catalog Date: 1986-88

Faculty Handbook 1985

POLICY

Full-time students whose cumulative quality point averages are below 2.000 (1.800 for freshmen) or who are subject to a second placement on academic warning may be placed on academic probation for their subsequent fall or spring semester of enrollment.

Part-time students who have accumulated 12 credits attempted and whose cumulative quality point averages fall below 2.000 (1.800 for freshmen) may be placed on academic probation for their subsequent fall or spring semester of enrollment.

Any student placed on academic probation is required to work with a designated academic support advisor on strategies to enhance his or her academic performance. Any student placed on academic probation may be restricted to no more than 13 credits for his or her subsequent fall or spring semester of enrollment, and may be subject to other conditions as required by the academic support advisor or the academic standing review board.

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Athletic Eligibility



LA ROCHE

Policy and Procedures

Policy Title: Varsity Sports; Academic Code: S ✓

Eligibility

Issuer: President Date: 12/23/85

Rev. 7/30/92

Approved By: Administrative Council Date: 12/23/85

Rev. 7/30/92

Published In: Policy Book Date: Spring '87

Rev. 7/30/92

La Roche College recognizes that development of students is not solely one of academic growth and that other activities contribute to the achievement of the goals set by the college in carrying out its mission with students.

Participation in varsity sports serves an important function for participating students and also serves as a method of public relations, recruitment of students, visibility for the college, and retention of students.

It is understood that academic growth of students has the highest priority. It is also understood that the college's membership in intercollegiate conferences or associations requires commitment to certain standards shared with other member schools.

To show concern for and to assure that academic growth is not impeded by participation in varsity athletics, certain restrictions are placed on student participation. These restrictions are intended for the student's guidance and assistance just as restrictions on students in general are imposed when academic growth is not satisfactory.

POLICY

No student will be permitted to participate in an intercollegiate game or match during the time that student is "ineligible" according to the standards of the National Association of Intercollegiate Athletics and La Roche College.

Athletic academic eligibility is defined as having a cumulative GPA of 1.8 in the student's first year (first two semesters) at La Roche College. Students must receive a cumulative GPA of 2.0 in the completion of the following six semesters. If a first-year student earns a semester GPA of more than 1.5, but less than 1.8 in the first semester of attendance, that student may participate during the second semester under the following conditions:

1. The student, the academic advisor, and the coach agree to the participation.
2. The student carries no more than 12 credits in the semester.

3. A written contract be agreed to by the player, the academic advisor and the coach, whereby the student adheres to a specific plan of study including regular involvement with the Learning Center, tutoring if deemed advisable and continual reports and checks with instructors.
4. The contract so established be filed with the athletic director prior to the first game of the new semester.

Any student who is in his/her third through eighth semester and receives a semester GPA below 1.8 while still maintaining a cumulative GPA of 2.0, or above, is athletically eligible to participate in intercollegiate athletics.

In any case which a student-athlete is brought to the Probation Review Board at La Roche College and the Probation Review Board finds that it is in the student's best academic interest not to participate in an intercollegiate sport for a particular semester, that recommendation will be upheld to meet La Roche College's academic standards. Thus, a student who is academically eligible by the NAIA standards must comply with the more stringent standards of La Roche College, if applicable.

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Confidentiality of Student Records



LA ROCHE

Policy and Procedures

Policy Title: Confidentiality of Student Records

Code: GC

Issuer: President

Approved By: Administrative Council Date: 2/17/83, Rev. 3/87, Rev.:11/8/88, Rev.: 10/95

Rev.: 8/14/97 Reviewed: July, 1999

Published In:Policy Book Date:11/8/88

Excerpt In:Faculty Handbook Rev.:10/95, Rev.:8/14/97

Policy

La Roche College respects the rights of all students as individuals within the college community. The college fully complies with the Family Educational Rights and Privacy Act of 1974(FERPA, also known as the "Buckley Amendment"). FERPA is a federal law which states that an institution must maintain the confidentiality of student education records. In addition, the law states that, (a) a written institutional policy must be established and that, (b) a statement of adopted procedures covering the privacy rights of students must be made available. A summary of the final FERPA regulations which include 1993 amendments may be obtained by request from the registrar's office.

FERPA regulations apply to the education records of matriculated students at La Roche College. The regulations do not apply to the records of applicants for admission to the college prior to registration. Student education records affected by the regulations are files, documents or materials in any medium including electronic data, hand writing, print, tape, film, microfilm or fiche, etc. which directly relate to students and from which students can be individually identified.

Student education records, in general, do not include the following: records of instructional, administrative and educational personnel which are the sole possession of the maker and are not accessible or revealed to any individual except a temporary substitute; records of the institution's law enforcement unit, maintained solely for law enforcement purpose; student health records; employment records; or alumni records; or records of students no longer enrolled. Health records, however, by the student's written request may be reviewed by the physician of the student's choosing.

FERPA regulations provide students with the right to inspect and review information contained in their education records, to have some control over the disclosure of information from education records, to request amendment of records, to file a complaint with U.S. Department of Education, and to obtain a copy of student records policy.

Students may not inspect and review the following as outlined by FERPA: financial information submitted by their parents; confidential letters and recommendations associated with admissions, employment or job placement, or honors to which they have waived their rights of inspection and review; or education records containing information about more than one student, in which case La Roche will permit access only to the part of the record which pertains to the inquiring student.

The registrar of La Roche College has been designated by the institution to coordinate the inspection and review procedures of student education records. Students wishing to review their education records must make written requests to the appropriate office listing the items of interest. Only those records covered by FERPA will be made available within forty-five days of the request. Students may have copies of their records at reasonable charges for copying with the following exceptions: a La Roche College transcript for which a "financial hold" exists and/or a transcript of an original or source document, which exists elsewhere. Copies of the student's La Roche transcript will be made at the prevailing rate, which

is listed, in each semester's academic schedule.

At the college's discretion, information known as "directory - information" may be provided to the general public. This directory information must be listed in the institution's established FERPA policy. In accordance with FERPA, La Roche College has designated the information as "directory information," which may be made available upon request without the student's written permission:

- a. student's name, address and phone listing
- b. date and place of birth
- c. major field of study
- d. participation in officially recognized activities and sports
- e. weight, height and physical condition of members of athletic teams
- f. dates of attendance
- g. degrees and awards (not including QPA) received, including Dean's List
- h. most recent previous educational agency or institution attended
- i. student's photograph

Directory information may routinely be made public by the college unless the student informs the college that any or all of the information designated should not be released without the student's prior consent. Request for nondisclosure will be honored by the institution for only one academic year; therefore, authorization to withhold directory information must be filed annually in the registrar's office. La Roche College utilizes the student's name and address on all correspondence. This right may be waived by written or personal appearance request.

Student information which is not identified by the institution as "directory information" may not be released without the written consent of the student. Generally, exceptions to this policy and as permitted by FERPA are as follows: to college personnel who have legitimate educational interest in the records; to officials of another school upon request, in which a student seeks or intends to enroll; to certain officials of the U.S. Department of Education, the Comptroller General and state and local educational authorities, in connection with certain state or federally supported education programs; in connection with a student's request of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid; to organizations conducting certain studies for or on behalf of the university; to accrediting agencies to carry out their functions; to parents of an eligible student who claim the student as a dependent for income tax purposes; to comply with a judicial order or a lawfully issued subpoena; to appropriate parties in a health or safety emergency; to an alleged victim of any crime of violence of the results of any institutional disciplinary proceeding against the alleged perpetrator of that crime with respect to that crime. Whenever any student information is released, a "student record release" form must be completed and placed in the student's file. A signed letter, denoting specific information to be released, is acceptable in lieu of the signed "student record release" form.

Student education records are maintained in five (5) areas as functional necessities. Academic information is maintained in the registrar's office. Student personnel/disciplinary files are in the dean of students' office. Financial aid information is located in the financial aid office. Financial records are located in the finance office. Career development files are located in the career development office. Access to student records housed in these departments is limited to college personnel who require the information for "educational purposes."

Within the La Roche College community only those members individually or collectively acting in the student's interests and for educational purposes are permitted access to student education records. Criteria listed as educational purposes are:

1. the information sought must be used within the context of college business and not extraneous to the official's area of responsibility.
2. The information sought must be within the context of responsibilities the individual has been professionally assigned
3. The information requested must be relevant and necessary to accomplish a task or make a determination within the scope of college employment
4. The task must be consistent with the purposes for which the data is maintained. Requests related to institutional research and studies are subject to this criterion

Those persons who may have access to information in a student's records on a need-to-know basis and for educational purposes are as follows:

ACADEMIC INFORMATION

President
Executive Vice President
VP Academic Affairs & Designated
Dept. Personnel
VP for Student Life
Registrar's Office Personnel
Alumni/Development Personnel
Admissions Personnel

FINANCIAL AID INFORMATION

(Registrar's Office) (Financial Aid Office)

President
Executive Vice President
VP Academic Affairs & Departmental
Personnel
Dean of Students
Financial Aid Office Personnel/Assigned
Advisors

Athletic Director
Student Success
Director of Residence Life
Alumni/Development Personnel

FINANCIAL INFORMATION (Finance Office)

President
Executive Vice President
VP for Academic Affairs
VP for Student Life
Dean of Students
Finance Office Personnel
Alumni/Development Personnel

STUDENT PERSONNEL/DISCIPLINARY INFORMATION

(Dean of Student's Office)
President
Executive Vice President
VP for Academic Affairs
VP for Student Life
Director of Residence Life
(For Resident Student Personnel)
Alumni/Development

CAREER DEVELOPMENT INFORMATION

(Career Development Office)
President
Executive Vice President
VP for Academic Affairs
VP for Student Life
Career Development
Personnel (excluding student personnel)
Alumni/Development

PROCEDURE TO AMEND RECORD

(Excluding Grades)

A student who believes his/her education record contains information that is inaccurate or misleading, or is otherwise in violation of his/her rights as outlined in FERPA, may discuss their problems informally with the registrar. If the decision from this informal discussion is in agreement with the student's request, the appropriate records will be amended. If not, the student will be notified within a reasonable period of time that the records will not be amended; and he or she will be informed by the registrar of their right to a formal hearing.

Student requests for a formal hearing must be made in writing to the Academic Affairs and Academic Dean who, within a reasonable period of time after receiving such a request, will inform the student of the date, place and time of hearing. Members of the hearing panel will be designated by the Vice President for Academic Affairs and the Academic Dean. Students may be accompanied or assisted by one or more persons of their choice.

Decisions of the hearing panel will be final and will be based solely on the evidence presented at the hearing and will consist of written statements summarizing the evidence and stating the reason for the decision. If the decision is in favor of the student, the education record is amended accordingly. If the decision is unsatisfactory to

the student, the student may place a written statement in his education records commenting on the decision of the hearing panel. All decisions and statements concerning the student's hearing should be maintained in the student's file permanently and be made available whenever the records in question are disclosed or released.

A student who believes the adjudication of his or her challenge was unfair or not in keeping with the provisions of FERPA may file a complaint with The Family Compliance Office, U.S. Department of Education. The student's complaint must be received by the government office within 180 days of the decision made by the college's hearing panel.

Revisions and clarifications will be published as experience with law and institution's policy warrants.

DOCUMENT NAME: CONSTUD.HTML

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Degree Requirements / Graduation Application Procedures



LA ROCHE

COLLEGE

Policy and Procedures

Policy Title: Graduation Application/ Degree Requirements

Code: A

Issuer: President

Approved By: Academic Senate Date: Fall 86

Rev. 10/3/94

Published In: Undergraduate Catalog Date: 1986-88

Policy Book Rev. 10/3/94

POLICY

Students must file a formal application for graduation prior to the semester in which they expect to graduate. A graduation fee is payable at that time. Forms may be obtained from and must be returned to the office of the vice president for academic affairs.

DEGREE REQUIREMENTS:

1. Complete the following courses or demonstrate competencies in lieu of those courses: College Writing I and II (EN 111 and EN 112) and one course above the level of basic math (MT 109, MT 110, MT 115 or MT 224), and CIS 105.
2. For students who matriculate prior to December 31, 1987, complete the distribution requirement of four courses or twelve credits by taking one distribution course in each of the four divisions beyond a student's major.

For students who matriculate after December 31, 1987, and before September 1991, complete the distribution requirements in the four divisions outside of the student's major division: two courses or six credits each in the Humanities, the Natural and Mathematical Sciences and the Social Sciences Divisions and one course or three credits each in the Administration and Management and the Graphic, Design and Communications Division. As of September 1991, new students with 30 or more transfer credits must complete the distribution course requirements as described.

For new freshmen who matriculate after December 31, 1990, and new transfers with less than 90 credits who matriculate September 1993, complete the core curriculum requirement.

3. Successfully earn a minimum of 120-132 credits and fulfill the residency requirement (must complete the last 30 credits at La Roche).
4. Select a major and complete a program of studies that meets the divisional requirements and the approval of his/her advisor.
5. Achieve a cumulative quality point average (QPA) of 2.0 or "C" and QPA of 2.0 in all courses required to complete the major except in those majors where more than a 2.0 is required. In those instances, students must achieve the major QPA as stated in the college catalog.

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Credit for Life Experience



Policy and Procedures

Policy Title: Credit for Life Experience Code: AU

Issuer: President

Approved By: Academic Senate Date: 10/2004

Reviewed: March 2005

Published In: Faculty Handbook Date: 2004

Undergraduate Catalog 2004

POLICY

Credit for life experience may be earned for learning gained prior to enrollment at La Roche College. To earn credit for life experience, learning must relate directly to a course offered by La Roche and appear in the catalog, with the exception of courses listed as internship, independent study or directed research. The total number of credits awarded for life experience may not exceed 30 credits and may not be included in the last 30 credits required for residency. Each department determines the number of credits awarded for life experience to be counted toward major. Students should contact their advisor or the registrar for a description of each program, restrictions and procedures.

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Directed Research



LA ROCHE

Policy and Procedures

Policy Title: Directed Research Code: AU ✓

Issuer: President

Approved By: Academic Senate Date: 4/20/82

Reviewed: September, 1999

Published In: Faculty Handbook Date: 1986-88

Purpose

To involve the student in the research process by actually engaging in research under the supervision of a qualified instructor.

Policy

Directed research involves the student in the research process by actually engaging in research under the supervision of a qualified instructor. Directed research is an accelerated program of 24 credits per semester for upper class students in an academic major which establishes the prerequisites.

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Independent Study



LA ROCHE
COLLEGE

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Policy and Procedures

Policy Title: Independent Study Code: AU

Issuer: President Date: 2/16/85

Approved By: Academic Senate Date: 2/16/85

Reviewed: September, 1999; Revised 04/05

Published In: Faculty Handbook Date: 1985

POLICY

Independent study is an in-depth examination of a particular topic, under the supervision of a qualified instructor. Independent study is not a substitute for a formal course or graduation requirement. Students wishing to complete an independent study must have a QPA of 2.5 or higher. Students may take up a total of 6 credits of independent study during their tenure at La Roche.

Internships



LA ROCHE

COLLEGE

Policy and Procedures

Policy Title: Internships Code: AU

Issuer: President

Approved By: Academic Senate Date: 2/16/85; 3/05

Published In: Faculty Handbook Date: 2005

Purpose

La Roche College offers internships to students as opportunities to tie formal theory and learning in an academic area to a field experience associated with the academic area.

POLICY

Internships are in the area of the student's concentration and are open to juniors and seniors who have completed at least 15 credits at La Roche and have a minimum GPA of at least a 2.75. Divisions may make internships available for 1 - 6 credits. The student's academic preparation for the internship includes a maximum of 12 credits required for a concentration in the particular area in which the internship credits are awarded. All expenses incurred in internship participation are the responsibility of the student.

PROCEDURE

1. Internships may be initiated from multiple sources, including students, faculty, the career center, and a potential field site.
2. The career center will be responsible for ensuring that the internship is negotiated with the field site, and that the responsibilities of all parties involved (faculty, student, site) are understood and accepted. The career center will be responsible for developing proper forms and maintaining records of all negotiated internships.
3. The process of applying for a internship experience is initiated by the student with the faculty member who will supervise the internship and evaluate the student.
4. A form is obtained from the Career Development Center which must be signed by the faculty supervisor and site supervisor. The student and the faculty supervisor must include a statement of purpose and objectives, description and activities of the internship, the tie between formal theory and learning in the academic area and the field of experience, outcomes of the internship, and the method of evaluation for the internship. After all of these signatures are obtained, the coordinator of placement services signs the forms to indicate that they have been properly processed.
5. At registration the student presents the completed form (see item 4 above) and indicates the academic area and number of credits he/she will receive for the internship. No one may change the number of credits after the "add" period.

6. The faculty supervisor generally will be a full-time member from the academic area of the internship. The division chair may appoint a part-time faculty from the academic area as supervisor, or a qualified full-time member from another academic area to supervise the internship if other full-time area faculty are unable to supervise due to overload.
7. Responsibilities of the faculty supervisor include (1) making site visits at least twice a semester and documenting, in writing, student progress; (2) stating the method of evaluation and meeting regularly with the student during the internship experience to monitor progress and link the student's field experience to formal theory and learning in the academic area; and (3) submitting a final grade for the internship.
8. For each credit, the student must document at least 30 hours of work in the field placement and an additional 15 hours of academic work outside the field experience. This means that each credit requires 2 hours of work in the field placement and 1 hour of additional academic work each week for 15 weeks. For example, a 3 credit internship would require a student to work at the field site for at least 6 hours per week, in addition to 3 hours preparation.

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Grading System



LA ROCHE

Policy and Procedures

Policy Title: Grading System Code: AU ✓

Issuer: President

Approved By: Academic Senate Date: Fall 86

September, 1999; revised 04/05

Published In: Undergraduate Catalog Date: 1986-88

POLICY

The college awards the following grades and assigns quality points on a 4-point scale:

Grade	Points per credit	Description
A	4.00	Superior
A-	3.70	Outstanding
B+	3.30	
B	3.00	
B-	2.70	
C+	2.30	
C	2.00	Average
C-	1.70	
D+	1.30	
D	1.00	
D-	.700	Minimal Passing
F	0	Failure
X	0	Incomplete
W	0	Withdrawal
P	0	Pass
NC	0	No Credit
AU	0	Audit
IP	0	In Progress
NR	0	Not Received

Midterm Grade Policy

A grade at midterm is required for all freshman students both fall and spring semesters. Freshmen midterm grade reports will be mailed to faculty advisors during the advising period as determined by the academic calendar. In addition, faculty are required to report any earned "D" or "F" midterm grades for students other than freshmen. Names of students given "D" or "F" midterm grades will be mailed to their respective faculty advisor.

Incomplete Grade Policy

In exceptional cases, a student may request an incomplete grade ("X") for a course. If approved by the instructor, the request for an incomplete will be submitted on the appropriate form to the registrar's office. The instructor will also report the incomplete grade ("X") on the final grade report.

La Roche Academic Policies & Regulations

Tuesday, October 26, 2010

Registration



LA ROCHE
COLLEGE

Policy and Procedures

Policy Title: Registration Code: AU

Issuer: President

Approved By: V. P. Academic Affairs Date: Fall 86

Revised: October, 1999

Rev. 4/17/96; 4/05

Published In: Undergraduate Catalog Date: 1986

POLICY

A student is permitted to attend only those classes for which she/he is officially registered. Credits are not granted nor grades recorded on a transcript for any course for which a student has not been officially registered. Students with outstanding balances are not permitted to register.

Many advanced (upper level) courses have prerequisites as indicated in the catalog. A student may not register for a course until he or she has met the prerequisites or unless the division chairperson or department chairperson grants permission in writing.

La Roche Academic Tuition & Fees

Tuition

Undergraduate (Full-Time)

Tuition deposit for all newly admitted full-time freshman & transfer students	\$ 500.00
• <i>Freshman - Refundable until May 1</i>	
Credit Overload: Charge <i>per credit</i> over 18 credit hours	\$ 550.00
RN-BSN, LEAD, Undergraduate Health Science (degree completion) - per credit/fees included.	\$ 550.00
Tuition per credit hour	\$ 550.00
Tuition per semester	\$10888.00

Undergraduate (Part-Time)

Tuition per credit hour	\$ 550.00
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Graduate

Tuition Deposit - Full-Time Graduate Students - <i>non-refundable</i>	\$ 100.00
Tuition per credit hour	\$ 600.00
Anesthesia Tuition per credit hour	\$ 635.00

Residence Fees

Residence Hall key and damage deposit (non-refundable)	\$ 100.00
Bold Food Service Plan per semester	\$1477.00
Kettler Food Service Plan per semester	\$1357.00
Residence Hall charges (board mandatory for all resident students)	\$2822.00
Redhawk Food Service Plan per semester - <i>Freshman mandatory</i>	\$1636.00
Parking Fee for Resident Students (optional)	\$ 100.00

Processing Fees

Late Application Fee for Graduation	\$ 25.00
Student Development Transcript Set-Up Fee	\$ 15.00
Registration Cancellation Reinstatement Fee	\$ 75.00
Reprint/Replacement Diploma	\$ 40.00
Student Development Data Entry Fee	\$ 1.00
Late Registration Fee (after add/drop)	\$ 100.00
Incomplete Grade Processing Fee	\$ 5.00
Undergraduate & Graduate Application Fee	\$ 50.00
Challenge Exam & Credit for Life Experience Application Fee	\$ 45.00
International Application Fee	\$ 50.00
Graduation Fee	\$ 80.00
Student Record Processing Fee (including late add/drop of class)	\$ 50.00
Challenge Exam & Credit for Life Experience Application Fee	\$ 45.00
Challenge Exam & Credit for Life Experience fee per credit	\$ 100.00
Insufficient Funds Returned Check	\$ 25.00
Official Transcript Copy	\$ 5.00

Other Fees/Semester

Full-Time Students Only	\$ 150.00
Curricular Learning & Support Technology	
Full-Time	
Student Support and Development	\$ 200.00

Note: Tuition and fees are subject to change without notice.

La Roche College

Faculty

Abbott, Christine M., PHD	Associate Professor
Abraham, Basmah	Adjunct
Abramovic, A. Mark	
Adams, Rita, MS	Visiting Professor
Adkins, Lucille A.	Adjunct
Agarwal, Neha	Assistant Professor
Al-Kamel, Aref Amen	Adjunct
Amorose, Susan M.	
Andreykovich, Lara C.	Adjunct
Antonucci, Ronald A.	Adjunct
Archer, Lynn K., EDD	Professor
Arend, Lori J., LSW	Adjunct
Arnold, Jane P., MS	Associate Professor
Barnett, James	Adjunct
Barron, Maria A.	Assistant Professor
Bates, Thomas J., MA	Associate Professor
Bayer, Janine, MA	Assistant Professor
Beattie, Lynette	
Bellin, Joshua D., PHD	Professor
Berdanier, Robert D.	Adjunct
Bergman, Ronald C.	Adjunct
Bisbey, Michele E., CPH	Associate Professor
Blum, Jay P.	Adjunct
Bobinchock, Edward J, MA	Assistant Professor
Booth, Eric	
Bozym-Plitts, Rebecca A.	Adjunct
Brett, Edward T., PHD	Professor
Bruen, Ella Jane, CDP	Adjunct
Bucci, Richard C.	Adjunct
Butcher, Cynthia	Adjunct
Butera, Ralph	Adjunct
Butz, Margaret	Adjunct
Buxareo, Beverly	Adjunct
Byers, Richard L.	Adjunct
Calva, Steve	
Cararie, Gretchen S.	Adjunct
Caruso, Maria	
Cercone, Sharon	Adjunct
Chapman, Pam, MSN	Assistant Professor
Cho, Shinil, PHD	Associate Professor
Collette, Nancy	Adjunct
Colville, Robert J.	Adjunct
Connolly, Patrick Thomas, MA	Assistant Professor
Connors, Clare	Adjunct
Cooper, Robert J.	Adjunct Off-site Coordinator - HSC
Crammond, Joanna	Adjunct
Czyzewski, Andrew J., Jr.	
Dawson, Mark, CPA	Associate Professor
Day, David	Adjunct
Delgado, Miriam	Adjunct
DiCianna, Christopher	Adjunct
Ellena-Wygonik, Mary Louise	Adjunct
Falck, Brian E.	Adjunct
Farrell, William L.	Adjunct
Fero, Paul G.	
Fetchko, Michael J., JD	Assistant Professor
Forrest, Joshua, PHD	Associate Professor
Forti, Jean C., PHD	Associate Professor
Frund, Zane Neil, PHD	Adjunct
Fujito, Don T., PHD	Professor
Ganni, Jessica	Adjunct Faculty
Gates, Janet, PHD	Professor
Germaine, Susan	Adjunct
Gilardi, Ronald L.	Adjunct
Goss, Rachael D.	Adjunct
Grasso, Thomas X., Jr.	

Greco, Frank M.	Adjunct
Grubb, J. Kathleen	Adjunct
Grzebierniak, John F.	Adjunct
Hartman, Phyllis G., SPHR	Adjunct
Helfrich, Richard M., MFA	Assistant Professor
Herrington, Barbara E., PHD	Professor
Horton, William P.	Adjunct
Houston, Michael S.	Adjunct
Hudak, Robert	Adjunct
Hutchison, Marc C.	Adjunct
Joos, Brian	Adjunct
Joos, Irene R., PHD	Associate Professor
Jordan Platt, Linda, PHD	Professor
Jordan, Constance E.	Adjunct
Judkis, Jim	
Kamphaus, Lisa A., MSIA	Assistant Professor
Kashif, Sadaf	
Kersten, Astrid L., PHD	Professor
King, Richard C.	Adjunct
Kleeman, Edward William, JR	
Knee, Robin	Adjunct
Korade, Andrea E.	Adjunct
Kramm, Wade	Adjunct
Kreidler, Nicole Bleak, MS	Assistant Professor
Krzemien, Louis J., Jr.	Adjunct
Kurtz, Ronald J.	Adjunct
Kurzweg, Carolyn Z.	Adjunct
Kuttesch, Lois	Adjunct
Kuttesch, Nicole	Adjunct
Lampe, Lauren P., MFA	Professor
Latal, Miaden	Adjunct
Lau, Clifford, PHD	Visiting Professor
Laux, Richard F.	Adjunct
Laux, Robert V.	
Le Blanc, Paul J., PHD	Professor
Lee, Albert S.	
Leight, Robert R.	Adjunct
Lesic, Ursula Renee	Adjunct
Liberto, Terri L., MSN	Assistant Professor
Likar, Lawrence, JD	Associate Professor
Lodge, Donald R.	
MacQuarrie, Allan	
Maher, Michelle B., PHD	Professor
Maliszewski, Stanley R.	Adjunct
Martinelli, Rosemary	Adjunct
McBride, Robert K., PHD	Professor
McCarthy, Cynthia Simmons	Adjunct
McCauley, Leland M., II	Adjunct
Merolillo, Maureen	Adjunct
Mincin, Sara	Adjunct
Mitchell, Robert G., MA	Assistant Professor
Moltz, Carol, PHD	Professor
Morris, Donna J.	Adjunct
Mosley, Sarah	Adjunct
Mueller, Sheila K., CPA	Assistant Professor
Murray, Susan Marie	Adjunct
Nagar, Devvrat J., M.ED	Professor
Nellis, Deborah L.	Adjunct
Neutrelle, James	Adjunct
Nicholls, Mary Ann	Adjunct
O'Connell, William Terry	Adjunct
O'Connor, Barbara J., MSRT	
O'Donnell, Lauren M.	Adjunct
Orr, Donald J., PHD	Professor
Pittsburgh Filmmakers	
Prise, Deborah S.	
Profeta, Susan Elizabeth, MS	Visiting Professor
Puglisi, Joseph J., MBA	Assistant Professor
Ranalli, Eileen M.	
Rank Lev, Katy	
Ripepi, Maria C., MFA	Assistant Professor
Ritter, Jeffrey, PHD	Professor

Robertson, Linda L., PHD	Associate Professor
Romzick, Patrice E.	Adjunct
Rosenberg, Stanford H., PHD	Professor
Ross, Frank S.	Adjunct
Rowe, Gail E., PHD	Professor
Rushmore, William	Adjunct
Russell, Kevin	Adjunct
Sankaran, Vedavalli	Adjunct
Sauret, Alain M.	Adjunct
Sauret, Chiara Veroni	Adjunct
Saville, Jacquelyn F.	Adjunct
Sayeed, Sameera	Adjunct
Schwartz, Eric D.	Adjunct
Schwarz, Myrna S.	Adjunct
Seelhorst, Wayne	Adjunct
Semple, Wesley S.	Adjunct
Shaeffer, R. Lance	Adjunct
Sharma, Asha	Adjunct
Silvis, Kathryn, EDD	Assistant Professor
Singleton, Charles A.	
Sipper, Mark, ESQ	Adjunct
Smeltzer, Mark	Adjunct
Snyder, Paul	Adjunct
Spangler, Katherine K.	Adjunct
Sproull, Frederick A., PHD	Associate Professor
Stankowski, Edward, MFA	Associate Professor
Stearns, Ruth	Adjunct
Stover, Charles T.	Adjunct
Strickland, Harry B., PHD	Professor
Stumpf, Linda R., PHD	Visiting Professor
Sullivan, Kathleen A., PHD	Professor
Tajuddin, Azlan, PHD	Assistant Professor
Thompson, Robert J., BS	Visiting Professor
Todhunter, John S.	Adjunct
Todhunter, Susan F., PHD	Associate Professor
Toia, Chad	Adjunct
Treser, Donald	Adjunct
Ventura, Elizabeth	Adjunct
Vincent, Anthony J.	Adjunct
Warren, John H.	
Wee, John	
Wehrheim, Nancy	Adjunct
Werbaneth, James P.	Adjunct
White, Thomas E.	Adjunct
White, William L., Jr.	Adjunct
Whiteman, Leona, MS	Senior Lecturer
Willis, Christopher	
Winterhalter, Dana Jill	Adjunct
Wood, Sally Elizabeth	Adjunct
Yeasted, Rita Marie, PHD	Professor
Yingling, Gabrielle, M.ED	Visiting Professor
Young, Michael W., PHD	Senior Lecturer
Zivkovich, John M.	

La Roche College

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The Board of Trustees of La Roche College is committed to the school's mission and to ensuring that adequate fiscal resources are available to realize that mission. The Board further affirms the teaching, research and service roles of higher education and the concomitant value of academic freedom in a free and democratic American society.

In particular, the Board affirms the value of a college education which promotes the development of civic responsibility and productive working members of society; the importance of the American enterprise system as the cornerstone of a strong and free economy; the strength of the Catholic heritage of the College and the need to educate for social justice; and the social goal of providing access to higher education for diverse citizens of the society.

The quality education and financial health of La Roche College depends to a large measure on the competence of those chosen to serve as trustees. Some of the skills the College seeks in trustees are: ability to raise and manage financial resources; knowledge of higher education; knowledge of local, state, and/or federal government; lobbying or political skills; knowledge of real estate and legal expertise. The Board seeks diversity of age; sex; educational, racial, ethnic and religious background; and social and political views.

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La Roche College Core Curriculum

The Core Curriculum is the Liberal Arts foundation of a La Roche College education. As students progress through a diverse yet coordinated succession of Core courses, they are challenged to develop the fundamental proficiencies necessary for success in any field of study; to read, write, think, and act critically and creatively in diverse areas of intellectual inquiry; to explore within interdisciplinary settings the individual, local, and global contexts in which they live; and to develop standards of ethical belief and behavior in their academic and personal lives. As such, the Core prepares students to participate intellectually, ethically, creatively, and spiritually within their communities, professions, and world.

Upon successful completion of the Core, students are expected to demonstrate the following characteristics, in addition to the learning outcomes described for each component and the component courses of the curriculum.

- Competence in the fundamental activities necessary for success in any field of study.
- The power to pose academic questions in areas of intellectual inquiry outside the student's major field of study, and to draw on the principles, methodologies, and resources native to those areas in addressing these questions.
- The ability to recognize the complex, interdisciplinary nature of knowledge as it is generated in the world today, and the corresponding ability to approach issues from a variety of perspectives and with a variety of analytical tools.
- The imaginative capacity to conceptualize the interrelationships between local and global communities, and the moral capacity to act on that awareness to further freedom, peace, justice, and well-being for all the world's people.
- The conviction that academic study is infused with ethical choices and concerns, and the courage to promote ethical beliefs and behavior in their academic and personal lives.

The La Roche College Core Curriculum consists of the following components:

- The La Roche Experience
- Fundamental Skills,
- Select courses
- Community & Global courses

Specific learning outcomes for each component of the Core Curriculum can be found here. (Core Curriculum Learning Outcomes)

I. The La Roche Experience (4 credits) – The La Roche Experience is composed of four 1-credit courses taken over four semesters. The course emphasizes the history of La Roche College and introduces students to issues in Diversity and Discrimination, Regions of Conflict, and Economic Justice.

II. Fundamental Skills (12 credits) - These courses provide a foundation of skills for lifelong learning, including writing, mathematics, analytical thinking, problem solving, computer applications, information literacy, and basic knowledge of a foreign language. Students may test out of these requirements. Those who test out of a fundamental course can use the credits for electives.

EN 111/A - College Writing: Exposition I

EN 111L – College Writing: Exposition I Lab
EN 112 - College Writing: Exposition II
MT110/A – College Algebra (minimum math requirement for credit toward degree)
MT110AR – College Algebra Recitation
IST 105 - Practical Computer Applications

III. Select Courses - These courses emphasize broad-based, liberal education and challenge students to explore the principles, methodologies, and resources within areas of intellectual inquiry outside their major field of study. Twelve (12) – fifteen (15) credits are required, including study within each of the following domains:

History
Science
Literature
Social and Cultural Systems
Religion or Philosophy
Aesthetics

Students can fulfill six domains with four courses because: 1) some courses may investigate two domains and will thus carry more than one domain designation; 2) students may fulfill a domain requirement through courses taken in their major, e.g., a literature major would necessarily have "in-depth study of the principles" of literature.

Community Courses and Global Courses (6 credits): effective for new students entering in Fall 2008.

INT-COMM – Integrative Community

INT-GLBL – Integrative Global

These courses emphasize the integration of knowledge and the interconnections between the local and the global. Students are required to take one Community course and one Global course. These courses should be taken in sequence, with the Global course taken after the Community course.

Students entering La Roche College before Fall 2008 fall under the Integrative 100-level, 200-level, and 300-level course sequence for a total of 9 credits of integrative experience course work. Refer to the previous catalog for descriptions of this requirement.

La Roche Course Catalogue

Tuesday, October 26, 2010

Core Curriculum

Integrative Level 100

INTEG100-001	Media and Democracy
INTEG100-004	The Rule of Law
INTEG100-005	Social History of 20th Century America
INTEG100-006	Exploring Religious Meaning

Integrative Level 200

INTEG200-001	Habits of the Heart
INTEG200-004	Financial Survival & Economic Well-Being
INTEG200-005	The Outlaw: An Examination of the Criminal Individual in the Community and Global Society
INTEG200-007	The Creative Process

Integrative Level 300

INTEG300-001	The Moral of the Story
INTEG300-002	Literacy, Culture and Education
INTEG300-007	Women Across Cultures
INTEG300-008	Globalization: Friends & Foes

SELECT AESTHETICS

SELAES-001	Art in Everyday Life
SELAES-002	Introduction to Art
SELAES-003	Digital Fine Arts
SELAES-006	The Aesthetics of Color
SELAES-007	Music Appreciation I: Classical Music for Those Who Hate Classical Music
SELAES-008	Women's 4-Part A capella Performance
SELAES-010	Creative Dramatics

SELECT HISTORY

SELHS-001	Major Issues in Modern U.S. History
SELHS-002	Multicultural History of the US
SELHS-004	Jesus in Film and History

SELECT LITERATURE

SELLIT-001	Sing & Praise: Contemporary Poetry
SELLIT-002	World Literature I
SELLIT-003	Shakespeare on Film
SELLIT-004	The Bible as Literature
SELLIT-005	This Great Game: The Literature of Baseball
SELLIT-008	Contemporary Literature
SELLIT-010	World Literature II

SELECT LITERATURE / AESTHETICS

SELITAES-007	Writing & Singing the Blues: African-American Literature & Music
SELITAES-008	Fantasy: Film & Literature
SELITAES-009	War: Film & Literature
SELITAES-010	Coming of Age: Film & Literature

SELECT PHILOSOPHY

SELPHL-003	Introduction to World Religions
SELPHL-006	Introduction to the Old Testament
SELPHL-007	The Bible as Literature
SELPHL-009	The Gospels as Literature
SELPHL-010	Jesus, in Film & History

SELECT SCIENCE

SELSCI-001	Introduction to Chemistry: Braving the Elements
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SELSCI-002	Introduction to Biology: Bugs & Brew
SELSCI-003	Introduction to Human Body: Systems That Move You
SELSCI-005	Introduction to Computer Science: Bits, Bytes and Beyond.
SELSCI-006	Introduction to Physical Science: Let's Get Physical
SELSCI-007	CSI: Chemistry I

SELECT SOCIAL / CULTURAL

SELSOC-002	International Justice Systems
SELSOC-004	Race and Ethnicity
SELSOC-006	Race, Class & Gender: An Introduction to Sociology
SELSOC-007	Global Social Problems

La Roche Course Catalogue

Tuesday, October 26, 2010

Business Division

Programs of Study

Majors

Accounting
Finance
International Affairs
International Development Administration
International Management
Management
Management Information Systems
Marketing
Medical Imaging
Radiography
Real Estate

BS
BS
BA
BA
BS
BS
BA
BS
BA
BA
BS

Minors

Accounting Minor
Finance Minor
Information Technology Minor
Management Information Systems Minor
Management Minor
Marketing Minor
Mathematics Minor
Web Design and Development

Other
Other
Other
Other
Other
Other
Other
Other

Certificate Programs

Accounting Certificate
Administration Certificate Program
Consulting for Organizational Learning, Development and Change
Contemporary Concepts in Human Resources Management
Financial Aspects of Human Resources Management
HR Professional
Human Resources Generalist
Human Resources Information Systems and Technology
Human Resources Management Certificates
Legal Aspects of Human Resources Management
Managing Information Technology and Change

Certificate
Certificate
Certificate
Certificate
Certificate
Certificate
Certificate
Certificate
Certificate
Certificate
Certificate

Detail - Business Division

Accounting

Accounting Major Requirements: 21 credits

Taxation I
Taxation II
Intermediate Accounting I
Intermediate Accounting II
Cost Accounting
Advanced Accounting
Auditing
Accounting Internship II

AC 301
AC 302
AC 311
AC 312
AC 314
AC 401
AC 402
AC 452

Business Core Requirements: 48 credits

Accounting I
Accounting II
Managerial Accounting
Macroeconomics
Microeconomics
Fundamentals of Management
Business Law I
Organizational Behavior
Human Resources Administration

AC 203
AC 204
AC 213
AM 105
AM 106
AM 118
AM 209
AM 218
AM 225

Operations Management	AM 420
Seminar-Business Policy	AM 455
Financial Management	FIN 332
Financial Institutions	FIN 336
International Business Management	INT 339
Practical Computer Applications	IST 105
Marketing Management	MKT 221

Major Electives: 6 credits

Accounting with Computers	AC 225
Accounting Internship I	AC 451
Business Law II	AM 210
Business Organization & Regulation	AM 310
Investments	FIN 331
Commercial Bank Management	FIN 334
Managerial Finance	FIN 433
International Finance	INT 446
International Legal Environment	INT 448
Advanced Practical Computer Applications	IST 106
Management Of Information Systems	IST 221
Data Base Management Systems	IST 245
Distributed Data Processing	IST 250

Skills Component Requirements: 9 credits

Professional Presentations	AM 324
Calculus for Business, Economics, and Managerial Sciences	MT 130
Probability and Statistics	MT 140

Finance

Business Core Requirements: 48 credits

Accounting I	AC 203
Accounting II	AC 204
Managerial Accounting	AC 213
Macroeconomics	AM 105
Microeconomics	AM 106
Fundamentals of Management	AM 118
Business Law I	AM 209
Organizational Behavior	AM 218
Human Resources Administration	AM 225
Operations Management	AM 420
Seminar-Business Policy	AM 455
Financial Management	FIN 332
Financial Institutions	FIN 336
International Business Management	INT 339
Practical Computer Applications	IST 105
Marketing Management	MKT 221

Finance Major Electives: 12 credits

Taxation II	AC 302
Business Law II	AM 210
Business Organization & Regulation	AM 310
Risk Management & Insurance	FIN 340
Real Estate Investment	FIN 439
Management Of Information Systems	IST 221
Networking	IST 230
Systems Analysis and Design	IST 442
Probability and Statistics II	MT 345

Finance Major Requirements: 15 credits

Taxation I	AC 301
Investments	FIN 331
Commercial Bank Management	FIN 334
Managerial Finance	FIN 433
International Finance	INT 446

Skills Component Requirements: 9 credits

Professional Presentations
Calculus for Business, Economics, and Managerial Sciences
Probability and Statistics

AM 324
MT 130
MT 140

International Affairs**International Affairs Major Electives: 18 credits**

Any Approved Geography Course
Any Approved Geography Course
Any Approved Geography Course
Any approved History Course
Any approved History Course
Any approved History Course
International Business Management
International Marketing
International Finance
Internship in International Studies I
Internship in International Studies II
Independent Study
Eastern Philosophy
Any Approved Political Science Course
World Religions

GEO XXX
GEO XXX
GEO XXX
HS XXX
HS XXX
HS XXX
INT 339
INT 349
INT 446
IS 451
IS 452
IS 457
PH 122
PS XXX
RS 103

International Affairs Major Requirements: 36 credits (select IS 211 or IS 310)

Macroeconomics
Global Politics
Intercultural Communication
World Geography
International Political Economy
Cultural Geography & the Human Mosaic
Research Methods
Comparative Government
Development: Political, Social & Economic Issues
American Foreign Policy
International Legal Environment
Senior Seminar in International Affairs
Introduction to American Government

AM 105
IS 201
IS 203
IS 211
IS 303
IS 310
IS 311
IS 321
IS 325
IS 333
IS 448
IS 455
PS 122

International Development Administration**International Development Administration Concentration: 27 credits**

Microeconomics
Innovation and Entrepreneurship
Intercultural Communication
Any Approved Geography Course
Any approved History Course
International Management Internship I & II
Comparative Government
Independent Study
Eastern Philosophy

AM 106
AM 340
COM 203
GEO XXX
HS XXX
INT 451 & 452
IS 321
IS 457
PH 122

**International Development Administration Concentration
Finance Component - 6 credits**

Financial Management
International Finance

FIN 332
INT 446

**International Development Administration Concentration
Marketing Component - 6 credits**

Marketing Management
International Marketing & Export Management

MKT 221
MKT 349

International Studies Core Component - 21 credits

Macroeconomics
Cultural Geography and the Human Mosaic
Research Methods
International Legal Environment
Introduction to American Government
Global Politics

AM 105
GEO/IS 310
IS 311
IS 448
PS 122
PS 201

International Management

Business Core Requirements: 48 credits

Accounting I
Accounting II
Managerial Accounting
Macroeconomics
Microeconomics
Fundamentals of Management
Business Law I
Organizational Behavior
Human Resources Administration
Operations Management
Seminar-Business Policy
Financial Management
Financial Institutions
International Business Management
Practical Computer Applications
Marketing Management

AC 203
AC 204
AC 213
AM 105
AM 106
AM 118
AM 209
AM 218
AM 225
AM 420
AM 455
FIN 332
FIN 336
INT 339
IST 105
MKT 221

International Management Major Electives: 12 credits

Intercultural Communication
European Geography
Geography and World Affairs
World Geography
Cultural Geography and the Human Mosaic
History of Latin America
International Management Internship I & II
Independent Study in International Management
Global Politics
International Political Economy
History & Politics of Africa
American Foreign Policy
Eastern Philosophy
Comparative Government
Development: Political, Social, Economic Issues
World Religions

COM 203
GEO 212
GEO 313
GEO/IS 211
GEO/IS 310
HS 235
INT 451 & 452
INT 457
IS 201
IS 303
IS 318
IS 333
PH 122
PS 321
PS/IS 325
RS 103

International Management Major Requirements: 12 credits

International Political Economy
International Marketing
International Finance
International Legal Environment

AM 303
INT 349
INT 446
INT 448

Skills Component Requirements: 9 credits

Professional Presentations
Calculus for Business, Economics, and Managerial Sciences
Probability and Statistics

AM 324
MT 130
MT 140

Management

Business Core Requirements: 48 credits

Accounting I
Accounting II
Managerial Accounting
Macroeconomics
Microeconomics
Fundamentals of Management

AC 203
AC 204
AC 213
AM 105
AM 106
AM 118

Business Law I	AM 209
Organizational Behavior	AM 218
Human Resources Administration	AM 225
Operations Management	AM 420
Seminar-Business Policy	AM 455
Financial Management	FIN 332
Financial Institutions	FIN 336
International Business Management	INT 339
Practical Computer Applications	IST 105
Marketing Management	MKT 221

Skills Component Requirements: 9 credits

Professional Presentations	AM 324
Calculus for Business, Economics, and Managerial Sciences	MT 130
Probability and Statistics	MT 140

Management Information Systems

Business Core Requirements: 48 credits

Accounting I	AC 203
Accounting II	AC 204
Managerial Accounting	AC 213
Macroeconomics	AM 105
Microeconomics	AM 106
Fundamentals of Management	AM 118
Business Law I	AM 209
Organizational Behavior	AM 218
Human Resources Administration	AM 225
Operations Management	AM 420
Seminar-Business Policy	AM 455
Financial Management	FIN 332
Financial Institutions	FIN 336
International Business Management	INT 339
Practical Computer Applications	IST 105
Marketing Management	MKT 221

MIS Major Electives: 3 credits

Accounting with Computers	AC 225
Auditing	AC 402
Networking	IST 230
Linux	IST 330
Computer Programming in Java	IST 334
Advanced Data Base Management Concepts	IST 346
Information Systems Technology Internship I	IST 451

MIS Major Requirements: 27 credits

Problem Solving	IST 121
Computer Hardware	IST 125
Introduction to Cyberspace	IST 208
Management Of Information Systems	IST 221
Data Base Management Systems	IST 245
Distributed Data Processing	IST 250
Computer Programming: COBOL	IST 320
Systems Analysis and Design	IST 442
Senior Seminar in IST	IST 455

Skills Component: 12 credits

Professional Presentations	AM 324
Technical Writing	EN 230
Calculus for Business, Economics, and Managerial Sciences	MT 130
Probability and Statistics	MT 140

Marketing

Business Core Requirements: 48 Credits

Accounting I	AC 203
Accounting II	AC 204
Managerial Accounting	AC 213
Macroeconomics	AM 105
Microeconomics	AM 106
Fundamentals of Management	AM 118
Business Law I	AM 209
Organizational Behavior	AM 218
Human Resources Administration	AM 225
Operations Management	AM 420
Seminar-Business Policy	AM 455
Financial Management	FIN 332
Financial Institutions	FIN 336
International Business Management	INT 339
Practical Computer Applications	IST 105
Marketing Management	MKT 221

Business Skills Components: 9 credits

Professional Presentations	AM 324
Calculus for Business, Economics, and Managerial Sciences	MT 130
Probability and Statistics	MT 140

Marketing Major Electives: 15 credits

Advertising and Public Relations	MKT 207
Personal Selling	MKT 316
Internet Marketing	MKT 350
Brand Management	MKT 416
Services Marketing	MKT 418
Sports Administration & Management	MKT 419
Retail Marketing & Management	MKT 435
Sales Management	MKT 446
Marketing Internship	MKT 451

Marketing Major Requirements: 15 credits

Buyer Behavior	MKT 312
Marketing Research	MKT 333
International Marketing & Export Management	MKT 349
Marketing Strategy	MKT 414
Contemporary Topics in Marketing	MKT 431

Medical Imaging

Liberal Arts Component: 30 Credits

Introduction to Administration and Management	AM 101
Administration and Management Elective	AM XXX
Administration and Management Elective	AM XXX
College Writing I	EN 111
College Writing II	EN 112
College Algebra	MT 110
Probability and Statistics	MT 140
Introduction to Psychology	PSY 121

Liberal Arts Component: 30 Credits (Select 1 of the following Courses)

Professional Presentations	AM 324
Modern Public Speaking	SPH 101

Liberal Arts Component: 30 Credits (Select 1 of the following EN Courses)

Business Communications	EN 229
Technical Writing	EN 230

Radiography

Liberal Arts Requirements: 30 credits

Introduction to Administration and Management
 College Writing I
 College Writing II
 Business Communications
 Technical Writing
 Probability and Statistics
 Introduction to Psychology
 Modern Public Speaking

AM 101
 EN 111
 EN 112
 EN 229
 EN 230
 MT 140
 PSY 121
 SPH 101

Real Estate

Business Core Requirements: 48 credits

Accounting I
 Accounting II
 Managerial Accounting
 Macroeconomics
 Microeconomics
 Fundamentals of Management
 Business Law I
 Organizational Behavior
 Human Resources Administration
 Operations Management
 Operations Management
 Financial Management
 Financial Institutions
 International Business Management
 Practical Computer Applications
 Marketing Management

AC 203
 AC 204
 AC 213
 AM 105
 AM 106
 AM 118
 AM 209
 AM 218
 AM 225
 AM 420
 AM 420
 FIN 332
 FIN 336
 INT 339
 IST 105
 MKT 221

Major Electives: Select any one course from those listed below (3 credits)

Project Management
 Writing for Advertising
 Study of Great American Houses
 Buyer Behavior
 Personal Selling
 Real Estate Institute Course

AM 315
 EN 334
 ID 315
 MKT 312
 MKT 316
 RE XXX

Major Requirements: Complete all five courses (16 credits)

Risk Management & Insurance
 Real Estate Investment
 Real Estate Fundamentals
 Real Estate Law & Ethics
 Real Estate Appraisal

FIN 340
 FIN 439
 RE 195
 RE 300
 RE 301

Accounting Minor

Elective Courses: 9 credits

Accounting with Computers
 Taxation I
 Taxation II
 Intermediate Accounting I
 Intermediate Accounting II
 Cost Accounting
 Advanced Accounting
 Auditing

AC 225
 AC 301
 AC 302
 AC 311
 AC 312
 AC 314
 AC 401
 AC 402

Required Courses: 9 credits

Accounting I
 Accounting II
 Managerial Accounting

AC 203
 AC 204
 AC 213

Finance Minor

Choose one of the following courses (3 credits)

Risk Management & Insurance	FIN 340
Real Estate Investment	FIN 439
International Finance	INT 446

Required Courses (18 credits)

Accounting I	AC 203
Accounting II	AC 204
Taxation I	AC 301
Investments	FIN 331
Financial Management	FIN 332
Financial Institutions	FIN 336

Information Technology Minor

Required Courses: 6 credits

Problem Solving	IST 121
Management Of Information Systems	IST 221

Select 4 courses from the list below: 12 credits

Computer Crime	CRIM 343
Advanced Database Theory	CS 455
Advanced Practical Computer Applications	IST 106
Computer Hardware	IST 125
IST: A Global Perspective	IST 205
Introduction to Cyberspace	IST 208
Computer-Based Training & DL	IST 225
Networking	IST 230
Data Base Management Systems	IST 245
Advanced Computer Hardware	IST 300
Legal Issues and Info Tech	IST 305
Web Page Usability & Programming	IST 308
IT Services Administration	IST 310
Human Computer Interaction	IST 315
Advanced Data Base Management Concepts	IST 346

Management Information Systems Minor

Minor Electives: 6 credits

Database Systems Theory	CS 255
Problem Solving	IST 121
Introduction to Cyberspace	IST 208
Distributed Data Processing	IST 250
Web Page Usability & Programming	IST 308

Required Courses: 12 credits

Management Of Information Systems	IST 221
Data Base Management Systems	IST 245
Advanced Data Base Management Concepts	IST 346

Required Courses: Select 1 of the following courses

Project Management	AM 315
Systems Analysis and Design	IST 442

Management Minor

Requirements: 18 credits

Accounting Concepts	AC 101
Introduction to Administration and Management	AM 101
Macroeconomics	AM 105
Fundamentals of Management	AM 118

Human Resources Administration
Marketing Management

AM 225
MKT 221

Marketing Minor

Minor Electives: Select 9 credits (3 courses)

Advertising and Public Relations	MKT 207
Personal Selling	MKT 316
Sports Marketing	MKT 331
Marketing Research	MKT 333
International Marketing & Export Management	MKT 349
Internet Marketing	MKT 350
Marketing for Non-Profit Organizations	MKT 401
Brand Management	MKT 416
Services Marketing	MKT 418
Contemporary Topics in Marketing	MKT 431
Retail Marketing & Management	MKT 435
Sales Management	MKT 446

Minor Requirements: 6 credits (Select MKT312 or MKT414)

Marketing Management	MKT 221
Buyer Behavior	MKT 312
Marketing Strategy	MKT 414

Mathematics Minor

Required Courses: 24 credits

Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Analytic Geometry & Calculus III	MT 230
Ordinary Differential Equations	MT 231
Discrete Structures I	MT 250
Discrete Structures II	MT 251
Linear Algebra	MT 315

Web Design and Development

Minor for Graphic and Communication Design Majors: Minor Electives-Select 12 credits (IST245 or CS225 AND IST334 or CS110)

Programming I	CS 110
Systems Programming	CS 225
Computer-Based Training & DL	IST 225
Data Base Management Systems	IST 245
Web Page Usability & Programming	IST 308
Human Computer Interaction	IST 315
Linux	IST 330
Computer Programming in Java	IST 334
Advanced Data Base Management Concepts	IST 346
Internet Marketing	MKT 350

Minor for Graphic and Communications Majors: Minor Requirements- 3 credits

Scripting for the Web	IST 328
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Minor for Other Majors: Minor Electives-Select 3 credits (IST245 or CS225 AND IST334 or CS110)

Programming I	CS 110
Systems Programming	CS 225
Fundamentals of Electronic Publishing	GCD 125
Computer-Based Training & DL	IST 225
Data Base Management Systems	IST 245
Web Page Usability & Programming	IST 308
Human Computer Interaction	IST 315
Linux	IST 330
Computer Programming in Java	IST 334

Advanced Data Base Management Concepts	IST 346
Internet Marketing	MKT 350

Minor for Other Majors: Minor Requirements-12 credits

Web Graphics I	GCD 180
Multimedia I(formerly Multimedia for the Web)	GCD 229
Web Graphics II	GCD 280
Scripting for the Web	IST 328

Accounting Certificate

Electives: 12 credits (Select 4 courses)

Taxation I	AC 301
Taxation II	AC 302
Intermediate Accounting I	AC 311
Intermediate Accounting II	AC 312
Cost Accounting	AC 314
Advanced Accounting	AC 401
Auditing	AC 402

Required Courses: 12 credits; General Rotation (8 weeks each)

Accounting I	AC 203
Accounting II	AC 204
Managerial Accounting	AC 213
Accounting with Computers	AC 225

Administration Certificate Program

Required Courses: 24 credits

Managerial Accounting	AC 213
Macroeconomics	AM 105
Fundamentals of Management	AM 118
Business Law I	AM 209
Organizational Behavior	AM 218
Human Resources Administration	AM 225
Project Management	AM 315
Marketing Management	MKT 221

Consulting for Organizational Learning, Development and Change

Required Courses:

Computer and Web-based Training	HRM 601
Training and Development	HRM 612
Planning and Implementing Change	HRM 620
Any 600-level HRM course	HRM 6XX

Contemporary Concepts in Human Resources Management

Organizational Behavior	HRM 520
Organizational Theory	HRM 523
Any 600-level HRM course	HRM 6XX
Any 600-level HRM course	HRM 6XX

Financial Aspects of Human Resources Management

Required Courses (Select one of the following):

Training and Development	HRM 612
Planning and Implementing Change	HRM 620
Labor Relations and Collective Bargaining	HRM 621
Performance Management Systems	HRM 636

Required Courses:

Financial Analysis and Budgeting	HRM 511
Compensation Management	HRM 613
Employee Benefits Management	HRM 615

HR Professional

Organizational Behavior	HRM 520
SHRM Learning System	HRM 635
Any 600-level HRM course	HRM 6XX
Any 600-level HRM course	HRM 6XX
Any 600-level HRM course	HRM 6XX
Any 600-level HRM course	HRM 6XX

Human Resources Generalist

Organizational Behavior	HRM 520
Employee Benefits Management	HRM 615
Recruitment and Placement	HRM 617
Any 600-level HRM course	HRM 6XX

Human Resources Information Systems and Technology

Organizational Behavior	HRM 520
Human Resources Information Systems	HRM 600
Computer and Web-based Training	HRM 601
Managing Information Technology & Change Processes	HRM 634

Legal Aspects of Human Resources Management

Legal Aspects of Human Resources Management	HRM 512
Workplace Diversity	HRM 602
Advanced Legal Aspects	HRM 611
Labor Relations and Collective Bargaining	HRM 621

Managing Information Technology and Change

Financial Analysis and Budgeting	HRM 511
Human Resources Information Systems	HRM 600
Planning and Implementing Change	HRM 620
Managing Information Technology & Change Processes	HRM 634

La Roche Course Catalogue

Tuesday, October 26, 2010

Design Division

Programs of Study

Majors

Graphic & Communication Design
Interior Design

BS
BSID

Minors

Visual Communication Minor

Other

Detail - Design Division

Graphic & Communication Design

Graphic & Communication Design Major Requirements: 60 credits

Fundamentals of Communication for Design Professionals	COM 204
Drawing I	GCD 123
Foundation Design I	GCD 160
Foundation Design II	GCD 162
Computer Graphics I	GCD 170
Computer Graphics II	GCD 171
Digital Publishing	GCD 208
Graphic Design Methodologies	GCD 210
Typography I	GCD 212
Digital Photography	GCD 216
Graphic Design I	GCD 221
Multimedia I(formerly Multimedia for the Web)	GCD 229
Writing & Presenting for Designers	GCD 310
Digital Prepress & Printing	GCD 326
Graphic Design II	GCD 331
Graphic Design III	GCD 341
Multimedia II(formerly Multimedia for the Web)	GCD 345
Multimedia III(formerly Multimedia for the Web)	GCD 346
Design in Advertising	GCD 441
Graphic Design Internship I	GCD 451
Graphic Design IV: Senior Design Seminar	GCD 455
Portfolio Preparation	GCD 458

Major Electives: 18 credits

Digital Fine Arts	GCD 205
Multimedia I(formerly Multimedia for the Web)	GCD 229
Ad Illustration I	GCD 238
Word and Image	GCD 240
Photographic Lighting Techniques	GCD 247
Typography II	GCD 322
Publication Design	GCD 351
Computer Graphics:Special Topics	GCD 450
Graphic Design Internship II	GCD 452
Buyer Behavior	MKT 312
Marketing Strategy	MKT 414

Requirement Art History: 12 credits

Art History I	AH 117
History of Art II: Renaissance to Modern	AH 118
History of Graphic Design	AH 202

Interior Design

Interior Design Major Requirements: 78 credits

History of Art II: Renaissance to Modern	AH 118
Interior Design Graphics I	ID 111
Interior Design I	ID 120
Interior Design Graphics II	ID 121
Drawing I	ID 123
Foundation Design I	ID 160
Foundation Design II	ID 162
Computer Graphics for Interior Design	ID 215
History of Interior Design and Architecture I	ID 232
Textiles for Interiors	ID 237
Interior Design II (A and B)	ID 238
History of Interior Design and Architecture II	ID 239
Building Technology I: Construction Systems	ID 244
Architectural Rendering	ID 245
Building Technology II: Finish Materials	ID 246
Interior Design III (A and B)	ID 328
History of Interior Design and Architecture III	ID 332
Building Technology III: Lighting and Electrical Systems	ID 340
Building Technology IV: Control Systems	ID 341
Business Practices for Interior Design	ID 441
Contract Documents	ID 442
Interior Design Internship I	ID 451
Senior Design Seminar I	ID 459
Senior Design Seminar II	ID 460

Interior Design-Related Electives: 9 credits

Art History/Fine Arts Elective	AH/FA XXX
Design Elective	GCD XXX
Photography for Interiors	ID 235
Furniture & Custom Detailing	ID 248
Directed Study	ID 250
Study of Great American Houses	ID 315
Kitchen and Bath Design	ID 355
Advanced Ideas Seminar in Interior Design	ID 359
Directed Professional Experience	ID 400
Special Computer Topics in Interior Design	ID 450
Independent Study	ID 457
Portfolio Preparation	ID 458

Visual Communication Minor

Sequence A: Design Studio - Choose 9 credits

Introduction to Art	FA 203
Drawing I	GCD 123
Foundation Design I	GCD 160
Foundation Design II	GCD 162
Digital Photography	GCD 216
The Creative Process	INTEG200-007

Sequence B: MAC-based digital courses - 9 credits

Fundamentals of Electronic Publishing	GCD 125
Computer Graphics I	GCD 170
Computer Graphics II	GCD 171
Multimedia I(formerly Multimedia for the Web)	GCD 229
Digital Prepress & Printing	GCD 326

La Roche Course Catalogue

Tuesday, October 26, 2010

Education & Nursing Division

Programs of Study

Majors

Elementary Education
Nursing - Associate of Science
Nursing - RN / BSN Degree Completion Program
Nursing LPN / ASN

BA
Associate
BSN
Associate

Certificate Programs

Elementary Education Certification
Nursing - Forensic Nursing Certificate Program
Nursing - School Nurse Certificate Program
Special Education Certification Program

Certificate
Certificate
Certificate
Certificate

Graduate Programs

Master of Science in Nursing - Nursing Administration
Master of Science of Nursing - Nursing Education

Detail - Education & Nursing Division

Elementary Education

Education Component: 56 credits

Foundations of Education & Field Experience
Methods of Teaching Math
Teaching Math Practicum
Methods of Teaching Art
Methods of Teaching Music
Teaching Reading & Language Arts
Teaching Reading and Language Arts Practicum
Methods of Teaching Science and Health
Methods of Teaching Social Studies
Methods of Teaching Social Studies
Integrating Technology In The Elementary Curriculum
Primary Student Teaching
Intermediate Student Teaching
English Language Learners in the Multicultural Classroom
Child Development
Educational Psychology
Assessment/Diagnosis of Special Needs Students
Program/Classroom Management
Methods and Practicum

ED 210
EL 440
EL 440B
EL 321A
EL 322A
EL 340
EL 341
EL 420
EL 430
EL 430
EL 452
EL 454
EL 455
MLE 200
PSY 222
PSY 261
SPED 210
SPED 220
SPED 310

Major Requirements: 24 credits

American English: Its History & Development
Probability and Statistics
The Natural Sciences
Nutrition
Logic
Modern Public Speaking

EN 333
MT 140
NS 101
NS 110
PH 120
SPH 101

Major Requirements: 24 Credits (Select one GEO course)

Geography and World Affairs
Cultural Geography and the Human Mosaic

GEO 313
GEO/IS 310

Major Requirements: 24 Credits (Select one HS course)

U.S. History: The Foundation of a Republic (1600-1865)
U.S. History: The Emergence of a Mass Democracy (1865-1945)

HS 110
HS 111

Nursing - Associate of Science

Year I - Fall Semester

Microbiology for Health Sciences	BL 115
Anatomy & Physiology I	BL 123
Practical Computer Applications	IST 105
Introduction to Nursing	NSG 100
Foundations of Clinical Nursing	NSG 105

Year I - Spring Semester

Anatomy & Physiology II	BL 124
Normal and Clinical Nutrition	NS 125
Medical-Surgical Nursing of the Adult	NSG 200
Principles of Pharmacology	NSG 220

Year I - Summer Semester

College Writing I	EN 111
Mental Health Nursing	NSG 210
Introduction to Psychology	PSY 121

Year II - Fall Semester

College Writing II	EN 112
Community Health Nursing	NSG 218
Childbearing and Women's Health Nursing	NSG 212
Nursing of Children	NSG 215

Year II - Spring Semester

High Acuity Nursing	NSG 225
Nursing Leadership	NSG 230
Introduction to Philosophy	PH 121

Nursing - RN / BSN Degree Completion Program**College or Diploma Program Credits / Prerequisites (24 credits required, 12 must be natural science credits)**

Microbiology for Health Sciences	BL 115
Anatomy & Physiology I	BL 123
Human Anatomy and Physiology Lab I	BL 123L
Anatomy & Physiology II	BL 124
Human Anatomy & Physiology II Laboratory	BL 124L
Principles of Chemistry I	CH 107
College Writing I	EN 111
College Writing II	EN 112
Introduction to Psychology	PSY 121
Race, Class, Gender: An Introduction to Sociology	SOC 121

Liberal Arts Component -- Lower Division Courses: 15 credits

Fundamentals of Management	AM 118
Practical Computer Applications	IST 105
Probability and Statistics	MT 140
Introduction to Philosophy	PH 121
SELECT AESTHETICS	SELAES

Liberal Arts Component -- Upper Division Courses: 15 credits

Literature Elective	EN 3XX
General Elective	GE XXX
Global/Community Course	GLBL/COMM
History Elective	HS 3XX
Biomedical Ethics	PH 327

Nursing Component Required Courses: 18 credits required

Health Assessment in Nursing Practice	NSG 320
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Leadership in Nursing	NSG 321
Health Teaching	NSG 322
Nursing Research I	NSG 323
Current Issues in Nursing	NSG 420
Community Nursing I	NSG 421

Nursing Component: Select 12 credits from the following electives

Nursing During Acute Illness	NSG 324
Nursing of the Adolescent	NSG 325
Mental Health Nursing	NSG 327
Overview of Gerontological Nursing	NSG 328
Introduction to Nursing Informatics	NSG 412
Nursing Research II	NSG 423
Healing in Nursing Practice	NSG 424
Legal Aspects of Nursing Practice	NSG 426
Health Care for Women	NSG 427
Community Nursing II	NSG 429
Child Health & the School Nurse	NSG 430
Nursing Practice with the Fatally Ill	NSG 432
Family Health Nursing	NSG 436
Health Care for Men	NSG 437
Foundations of Forensic Nursing	NSG 440

Nursing LPN / ASN

CORE Curriculum: 9 credits

College Writing I	EN 111
College Writing II	EN 112
Practical Computer Applications	IST 105

LPN License-Advanced Standing: 9 credits (earned after completion of NSG205)

Introduction to Nursing	NSG 100
Foundations of Clinical Nursing	NSG 105
Medical-Surgical Nursing of the Adult	NSG 200

Major Requirement: 3 credits (only required based on RN Predictor Score)

A Cognitive Approach to Clinical Reasoning in Nursing	NSG 227
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Major Requirements: 51 credits

Microbiology for Health Sciences	BL 115
Microbiology for Health Sciences Lab	BL 115L
Anatomy & Physiology I	BL 123
Human Anatomy and Physiology Lab I	BL 123L
Anatomy & Physiology II	BL 124
Human Anatomy & Physiology II Laboratory	BL 124L
Normal and Clinical Nutrition	NS 125
Community Health Nursing	NSG 218
LPN to RN Transition Course	NSG 205
Mental Health Nursing	NSG 210
Childbearing and Women's Health Nursing	NSG 212
Nursing of Children	NSG 215
Principles of Pharmacology	NSG 220
High Acuity Nursing	NSG 225
Nursing Leadership	NSG 230
Philosophy Elective	PH XXX
Introduction to Psychology	PSY 121

Elementary Education Certification

Required Courses: 74 credits

Accounting Concepts	AC 101
Life Science	BL 101
Foundations of Education & Field Experience	ED 210
Intermediate Student Teaching	ED 455

Teaching Math Practicum	EL 440B
Methods of Teaching Art	EL 321A
Methods of Teaching Music	EL 322A
Teaching Reading & Language Arts	EL 340
Teaching Reading and Language Arts Practicum	EL 341
Methods of Teaching Science and Health	EL 420
Methods of Teaching Social Studies	EL 430
Methods of Teaching Math	EL 440
Integrating Technology In The Elementary Curriculum	EL 452
Primary Student Teaching	EL 454
Children's Literature	EN 313
American English: Its History & Development	EN 333
U.S. History: The Foundation of a Republic (1600-1865)	HS 110
U.S. History: The Emergence of a Mass Democracy (1865-1945)	HS 111
Practical Computer Applications	IST 105
Probability and Statistics	MT 140
The Natural Sciences	NS 101
Nutrition	NS 110
Child Development	PSY 222
Educational Psychology	PSY 261
Assessment/Diagnosis of Special Needs Students	SPED 210

Nursing - Forensic Nursing Certificate Program

Required Courses: 10 credits

Introduction to the Criminal Justice System	CRIM 101
Crime Scene & Forensics Laboratory	CRIM 340
Foundations of Forensic Nursing	NSG 440

Nursing - School Nurse Certificate Program

Required Courses: 8 credits

Foundations of Education & Field Experience	ED 210
Child Health & the School Nurse	NSG 430

Special Education Certification Program

Course Requirements: 18-21 credits (Select SPED320 or SPED330)

Assessment/Diagnosis of Special Needs Students	SPED 210
Program/Classroom Management	SPED 220
Methods and Practicum	SPED 310
Inter/Intra Group Communication	SPED 320
Mentoring/Practicum	SPED 330
Advanced Seminar	SPED 410
Student Teaching-Special Education	SPED 451

Master of Science in Nursing - Nursing Administration

Fall Semester Year One:

Nursing Theory & Research	GN 502
Role Development of the Nurse Administrator & Nurse Educator	GN 513
Nursing Informatics for Nurse Administrators & Nurse Educators	GN 533

Fall Semester Year Two:

Health Policy	GN 520
Nursing Administration II	NAD 520
Nursing Administration II: Seminar & Practicum	NAD 525

Spring Semester Year One:

Human Diversity & Social Issues in Nursing Administration & Nursing Education	GN 535
Health Care Finance	NAD 500
Nursing Administration I: Theory, Concepts & Principles	NAD 517

Spring Semester Year Two:

Capstone Research Experience
Nursing Administration III
Nursing Administration III: Seminar & Practicum

GN 600
NAD 600
NAD 625

Master of Science of Nursing - Nursing Education**Fall Semester Year One:**

Nursing Theory & Research
Role Development of the Nurse Administrator & Nurse Educator
Nursing Informatics for Nurse Administrators & Nurse Educators

GN 502
GN 513
GN 533

Fall Semester Year Two:

Health Policy
Teaching & Learning: Strategies for the Classroom and Clinical Nursing Education
Curriculum Design II: Evaluation & Revision of Curriculum

GN 520
NED 502
NED 506

Spring Semester Year One:

Human Diversity & Social Issues in Nursing Administration & Nursing Education
Curriculum Design I: Development of Curriculum

GN 535
NED 504

Spring Semester Year Two:

Capstone Research Experience
Assessment, Measurement & Evaluation of Learners
Nursing Education Teaching Practicum

GN 600
NED 500
NED 508

La Roche Course Catalogue

Tuesday, October 26, 2010

Humanities Divison

Programs of Study

Majors

Communication, Media & Technology
English Education - Language & Literature
English Studies - Language & Literature
English Studies - Professional Writing
English Studies - Professional Writing - Creative Non-fiction
Film, Video and Media
History
Information Technology
Performing Arts - Dance General Major
Performing Arts - Dance Studio
Political Science
Psychology
Religious Studies
Sociology
Spanish

BS
BA
BA
BA
BA
BA
BA
BS
BA
BA
BA
BA
BA
BA

Minors

Ballet Performance Minor
Communication, Media & Technology Minor
English Studies: Professional Writing Minor
French Minor
History Minor
Humanities Minor
International Affairs Minor
Literature Minor
Philosophy Minor
Psychology Minor
Religious Studies Minor
Sociology Minor
Spanish Minor
Women's / Gender Studies Minor

Other
Other
Other
Other
Other
Other
Other
Other
Other
Other
Other
Other
Other

Certificate Programs

Applied Ethics Certificate
ESL Specialist Program
Modern Language Certificate Program
Parish Program Manager Certificate
Professional Writing Certificate Program

Certificate
Certificate
Certificate
Certificate
Certificate

Special Programs

English as a Second Language

Other

Detail - Humanities Division

Communication, Media & Technology

Communications Media Management Track: 24 credits

Introduction to Administration and Management
Macroeconomics
Fundamentals of Management
Project Management
Professional Presentations
Introduction to Organizational Communication
Marketing Management

AM 101
AM 105
AM 118
AM 315
AM 324
COM 201
MKT 221

Film and Video Track: 15 credits

History of Film
Broadcast Media
Filmmaking I

AH 316
COM 402
COM/PFM 315

Filmmaking II
Pittsburgh Filmmakers Elective Courses

COM/PFM 316
GCD/COM/PFM

Mass Media Studies Track: 15 credits

Broadcast Media
Filmmaking I
Writing for Television & Radio
History of Film
Pittsburgh Filmmakers Elective Courses

COM 402
COM/PFM 315
EN 335
GCD 316
GCD/COM/PFM

Professional Media Writing Track: 18 credits

Creative Writing I
Journalism I
Writing for Advertising
Public Relations Writing
Computer Graphics: Special Topics
Pittsburgh Filmmakers Elective Courses

EN 240
EN 331
EN 334
EN 338
GCD 450
GCD/COM/PFM

Required Courses: 48 credits

Introduction to Communication
Introduction to Mass Communication
Intercultural Communication
Communication Theory and Research
Critical Evaluation of Mass Media
Emerging Communications Technology
Message Design in Mass Communication
Legal Issues in Mass Communication
Broadcast Media
Senior Focus Project
Communication Internship I
Fundamentals of Electronic Publishing
Practical Computer Applications
Introduction to Cyberspace
Modern Public Speaking
Contemporary Communication Through Discussion

COM 101
COM 102
COM 203
COM 205
COM 301
COM 302
COM 305
COM 401
COM 402
COM 450
COM 451
GCD 125
IST 105
IST 208
SPH 101
SPH 202

English Education - Language & Literature

Education Requirements: 40 credits

Foundations of Education & Field Experience
Methods of Teaching and Evaluating English
Methods of Teaching Writing: Composition
Methods of Teaching Writing: Writers' Center
Methods of Teaching Literature I
Methods of Teaching Literature II
Methods of Teaching Writing: Genres
Methods of Teaching Writing: Sequencing and Assessment
English Language Learners in the Multicultural Classroom
Advanced Field Experience
Secondary Student Teaching
Assessment/Diagnosis of Special Needs Students
Program/Classroom Management
Methods and Practicum

ED 210
EED 310
EN 150
EN 250
EN 340
EN 341
EN 350
EN 450
MLE 200
SED 351
SED 451
SPED 210
SPED 220
SPED 310

Literary Period Course - 3 credits: Select any 300-level period course

Literature Elective

EN 3XX

Major Requirements: 39 credits (EN221 or EN314 & EN323 or EN321)

Adolescent Literature
Grammar & Usage Essentials
Introduction to Literary Study
World Literature I
World Literature II
Issues in American Literature I
Issues in American Literature II

EED 330
EN 010
EN 210
EN 221
EN 222
EN 236
EN 239

World Mythology	EN 314
Shakespeare on Film	EN 321
Shakespeare	EN 323
Introduction to Literary Theory & Criticism	EN 329
American English: Its History & Development	EN 333
Senior Seminar	EN 455

Required Mathematics: 3 credits

Probability and Statistics	MT 140
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Required Psychology Courses: 9 credits

Introduction to Psychology	PSY 121
Adolescence Psychology	PSY 240
Educational Psychology	PSY 261

Select one drama or film course: 3 credits

Film Analysis: Form, History, Ideology	EN 243
Dramatic Literature	EN 318
Modern American Drama	EN 319
Shakespeare on Film	EN 321
Creative Dramatics	SPH 122

Select one of the following sequences:

Elementary French I	FR 101
Intermediate French I	FR 201
Elementary Spanish I	SP 101
Intermediate Spanish I	SP 201

Select one writing course: 3 credits

Business Communications	EN 229
Technical Writing	EN 230
Creative Writing I	EN 240
Special Topics in Composition	EN 312
Journalism I	EN 331
Advanced Exposition	EN 337

English Studies - Language & Literature

English Major Requirements: 33 credits (Select EN 210 or 221 and EN 323 or 321)

Introduction to Literary Study	EN 210
World Literature I	EN 221
World Literature II	EN 222
Issues in American Literature I	EN 236
Issues in American Literature II	EN 239
World Mythology	EN 314
Shakespeare on Film	EN 321
Shakespeare	EN 323
Introduction to Literary Theory & Criticism	EN 329
American English: Its History & Development	EN 333
Senior Seminar	EN 455

Genre Courses (Select 1)

Dramatic Literature	EN 318
Modern American Drama	EN 319
Modern American Novel	EN 320
Development of the English Novel	EN 322

Period Courses (Select 1)

Studies in Literature	EN 315
Love and War in Old & Medieval English Literature	EN 324
Renaissance English Poetry	EN 325
Nineteenth Century British Poetry	EN 327
Early Twentieth Century British Literature	EN 328

Writing Skills Courses Beyond EN 111 & EN 112 (Select 1)

Business Communications	EN 229
Technical Writing	EN 230
Creative Writing I	EN 240
Special Topics in Composition	EN 312
Journalism I	EN 331
Journalism II	EN 332
Writing for Advertising	EN 334
Writing for Television & Radio	EN 335
Grants Writing	EN 336
Public Relations Writing	EN 338

English Studies - Professional Writing**English Major Requirements: 42 credits (Select EN 334 or 335 or 336 AND EN 337 or 312d)**

Introduction to Literary Study	EN 210
Business Communications	EN 229
Technical Writing	EN 230
Creative Writing I	EN 240
Literature Elective	EN 2XX
Special Topics in Composition	EN 312
Special Topics in Composition	EN 312
Journalism I	EN 331
Journalism II	EN 332
American English: Its History & Development	EN 333
Writing for Advertising	EN 334
Writing for Television & Radio	EN 335
Grants Writing	EN 336
Advanced Exposition	EN 337
Public Relations Writing	EN 338
Literature Elective	EN 3XX
Literature Elective	EN 3XX
Senior Seminar	EN 455

Management and Design Component Requirements: 12 credits

Introduction to Administration and Management	AM 101
Fundamentals of Electronic Publishing	GCD 125
Digital Photography	GCD 216
Marketing Management	MKT 221

English Studies - Professional Writing - Creative Non-fiction**English Major Requirements: 45 credits (Select EN 334 or 312b AND EN 338 or 335 AND EN 337 or 312d)**

Introduction to Literary Study	EN 210
Technical Writing	EN 230
Creative Writing I	EN 240
Literature Elective	EN 2XX
Readings in Contemporary Non-Fiction	EN 311
Special Topics in Composition	EN 312
Journalism I	EN 331
Journalism II	EN 332
American English: Its History & Development	EN 333
Writing for Advertising	EN 334
Writing for Television & Radio	EN 335
Advanced Exposition	EN 337
Public Relations Writing	EN 338
Literature Elective	EN 3XX
Literature Elective	EN 3XX
English Writing Internship	EN 451
Senior Seminar	EN 455

Management and Design Component: 12 credits

Fundamentals of Electronic Publishing	GCD 125
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Digital Photography
Publication Design
Design Elective

GCD 216
GCD 351
GCD XXX

Film, Video and Media

Major Requirements: 30 credits

Introduction to Communication
Introduction to Mass Communication
Message Design in Mass Communication
Creative Writing I
Film Analysis: Form, History, Ideology
Writing for Television & Radio
Fundamentals of Electronic Publishing
Practical Computer Applications
Introduction to Cyberspace
Marketing Management

COM 101
COM 102
COM 305
EN 240
EN 243
EN 335
GCD 125
IST 105
IST 208
MKT 221

Pittsburgh Film Makers Requirements: 24 credits

Photographic and Motion Pictures
International Film History
Film Production I
Elements of Film
Intro to Film Theory & Criticism
Technical Directing
Intro to Screenwriting
Producing for Film and Video

FLM 101
FLM 104
FLM 106
FLM 107
FLM 110
FLM 225
FLM 228
FLM 334

History

Major Electives: 12 credits required (Note options outlined above under credit breakdown)

Macroeconomics
Geography and World Affairs
Cultural Geography and the Human Mosaic
Introduction to Philosophy
Eastern Philosophy
History of Greek Philosophy
Introduction to American Government
World Religions
Women & Religion
Religious Influence on U.S. Development
Varieties of Early Christianity
Race, Class, Gender: An Introduction to Sociology

AM 105
GEO 313
GEO/IS 310
PH 121
PH 122
PH 222
PS 122
RS 103
RS 220
RS 337
RS 340
SOC 121

Required Courses: 15 credits-any 200-300 level History(HS) course or any (PS) course listed below-6 credits must be in U.S. history & 6 credits in non-U.S. history

200-300 Level History(HS) Course
200-300 Level History(HS) Course
200-300 Level History(HS) Course
200-300 Level History(HS) Course
200-300 Level History(HS) Course
History & Politics of Africa
History & Politics of the Middle East

HS XXX
HS XXX
HS XXX
HS XXX
HS XXX
PS 319
PS 345

Required Courses: Select 9 credits (At least one course must be in Western Civilization)

U.S. History: The Foundation of a Republic (1600-1865)
U.S. History: The Emergence of a Mass Democracy (1865-1945)
Western Civilization I
Western Civilization II
Multicultural History of the US

HS 110
HS 111
HS 113
HS 114
SELHS-002

Required History Fundamental Courses: 12 credits

History Seminar
Any level History Course

HS 455
HS XXX

Any level History Course
Any level History Course

HS XXX
HS XXX

Information Technology

IT Elective: Select 1

Distributed Data Processing	IST 250
Web Page Usability & Programming	IST 308
Computer Programming: COBOL	IST 320
Advanced Networking & Telecom	IST 331

IT Major Requirements: 54 credits

Technical Writing	EN 230
Problem Solving	IST 121
Computer Hardware	IST 125
IST: A Global Perspective	IST 205
Introduction to Cyberspace	IST 208
Management Of Information Systems	IST 221
Computer-Based Training & DL	IST 225
Networking	IST 230
Data Base Management Systems	IST 245
Advanced Computer Hardware	IST 300
Legal Issues and Info Tech	IST 305
Human Computer Interaction	IST 315
Linux	IST 330
Computer Programming In Java	IST 334
Advanced Data Base Management Concepts	IST 346
Systems Analysis and Design	IST 442
Senior Seminar in IST	IST 455

Performing Arts - Dance General Major

Dance Academics: 30 credits

Introduction to the Human Body Systems That Move You	BL 102
Nutrition	NS 110
Kinesiology	NS 205
Fundamentals of Music	PA 122
Dance History I	PA 210
Dance History II	PA 215
Dance Pedagogy I	PA 315
Dance Composition	PA 330
Dance Composition II	PA 430
Senior Seminar in Performing Arts/Dance	PA 455

Dance Studio Component: 33 credits

Repertoire and Production	PA 100-400
Ballet Techniques	PA 104-404
Modern	PA 105-405
Jazz	PA 106-406
Pointe	PA 108-408
Pas de Deux	PA 110-410
Variations	PA 112-412
Men's Dance Technique	PA 120-420
Ethnic-Dunham	PA 218
Character	PA 236
Special Topics in Dance	PA 350

Performing Arts - Dance Studio

Dance Requirements: 65 credits

Repertoire and Production	PA 100-400
Ballet Techniques	PA 104-404
Modern	PA 105-405
Jazz	PA 106-406

Pointe	PA 108-408
Pas de Deux	PA 110-410
Variations	PA 112-412
Men's Dance Technique	PA 120-420
Ethnic-Dunham	PA 218
Character	PA 236
Special Topics in Performing Arts-Pilates	PA 350

Performing Arts Academics - 30 credits

Introduction to the Human Body Systems That Move You	BL 102
Nutrition	NS 110
Kinesiology	NS 205
Fundamentals of Music	PA 122
Dance History I	PA 210
Dance History II	PA 215
Dance Pedagogy I	PA 315
Dance Composition	PA 330
Dance Composition II	PA 430
Senior Seminar in Performing Arts/Dance	PA 455

Political Science

Political Science Major - 9 credits required

Introduction to American Government	PS 122
History of Political Thought	PS 315
Comparative Government	PS 321

Political Science Major Electives -- 24 credits selected from the following two sub-fields. American Politics (no more than 15 credits from this sub-field)

U.S. History: The Emergence of a Mass Democracy (1865-1945)	HS 111
History & Culture of the American Indian	HS 300
History of Black Americans	HS 338
Media and Democracy	INTEG100-001
The Rule of Law	INTEG100-004
Constitutional Law	PS 205
History of European Diplomacy	PS 302
Modern U.S. Diplomatic History	PS 323
American Foreign Policy	PS 333
History of American Political Values, Beliefs & Ideas	PS 336
The American Presidency	PS 337
Politics and Society	PS 339
Multicultural History of the US	SELHS-002
Race & Ethnicity	SOC 134
Wealth, Power & Prestige	SOC 238

Political Science Major Electives

Comparative Politics (no more than 15 credits from this sub-field)

Terrorism	CRIM 336
Geography & World Affairs	GEO/IS 313
Britain and Its Empire	HS 200
Contemporary Central America	HS 305
Russia and the Soviet World	HS 320
History of Modern Germany	HS 326
History of Modern Europe	HS 327
East Asian History	HS 328
Global Politics	PS 201
Islam in the World	PS 245
History of European Diplomacy	PS 302
International Political Economics	PS 303
History & Politics of Africa	PS 319
Comparative Public Policy	PS 322
Development: Political, Social & Economic Issues	PS 325
Ethnic Conflict	PS 340
Terrorism in the Modern Age	PS 341
History & Politics of the Middle East	PS 345
History & Politics of the Middle East	PS 345
History & Politics of the Middle East	PS 345

Development in Southeast Asia
 Experience of Modern War
 Social Movements & Resistance
 History & Politics of Italy
 Multicultural History of the US
 Global Social Problems

PS 351
 PS 352
 PS 382
 PS 400C
 SELHS-002
 SOC 123

Psychology

Major Requirements: 9 credits

Introduction to Psychology
 Research Methods in Psychology
 Senior Seminar in Psychology

PSY 121
 PSY 311
 PSY 455

Psychology Electives: 21 credits

Health Psychology
 Human Sexuality
 Child Development
 The Exceptional Child
 Psychology & Humor
 Psychology of Spirituality
 Adolescence Psychology
 Special Topics
 Educational Psychology
 Abnormal Psychology
 Industrial and Organizational Psychology
 Learning & Cognition
 Theories of Personality
 Interpersonal & Group Dynamics
 Tests & Measurements
 Psychology of Adulthood and Aging
 Physiological Psychology
 Counseling Theories & Methods I
 Counseling Theories & Methods II
 Evolutionary Psychology
 Special Topics in Advanced Psychology
 Psychology Internship I
 Psychology Internship II
 Directed Research
 Independent Study
 Death & Dying
 Social Psychology

PSY 215
 PSY 218
 PSY 222
 PSY 233
 PSY 236
 PSY 238
 PSY 240
 PSY 250
 PSY 261
 PSY 323
 PSY 325
 PSY 327
 PSY 328
 PSY 330
 PSY 331
 PSY 332
 PSY 335
 PSY 340
 PSY 341
 PSY 345
 PSY 450
 PSY 451
 PSY 452
 PSY 456
 PSY 457
 PSY/SOC 320
 PSY/SOC/COM 329

Religious Studies

Major Requirements: 30 credits - Pick either RS 455 or RS 456

Ethics
 Old Testament
 New Testament
 World Religions
 Church History
 Moral Theology
 Sacramental Theology
 Christology
 The Church: Institution/Community
 Senior Seminar
 Directed Research in Religious Studies

PH 226
 RS 101
 RS 102
 RS 103
 RS 111
 RS 115
 RS 116
 RS 214
 RS 234
 RS 455
 RS 456

Major Electives: 15 credits

Christian Ritual & Worship
 Survey of Catholic Doctrine
 Women & Religion
 Mystery of God
 Special Topics in Religious Studies
 Sociology of Religion
 Religious Influence on U.S. Development

RS 112
 RS 118
 RS 220
 RS 233
 RS 250
 RS 331
 RS 337

Varieties of Early Christianity	RS 340
Special Topics in Scripture	RS 345
Religious Studies Internship I	RS 451
Religious Studies Internship II	RS 452

Sociology

A. Required Introductory Courses -- Select 6 credits

Race, Class, Gender: An Introduction to Sociology	SOC 121
Global Social Problems	SOC 123
Race & Ethnicity	SOC 134

B. Required: Core Sociology -- 9 credits

Foundations of Social Thought	SOC 240
Research Methods	SOC 311
Senior Seminar in Sociology	SOC 455

C. Required Courses: Social Organization -- select 6 credits

Wealth, Power & Prestige	SOC 238
Women in American Society	SOC 326
Family Relations	SOC 327
Sociology of Religion	SOC 331
Politics and Society	SOC 339
Ethnic Conflict	SOC 340
Education & Society	SOC 350

D. Required: Global Sociology -- select 6 credits

Sports & Globalization	SOC 222
Islam in the World	SOC 245
Culture & Human Societies	SOC 270
Social Change & Development	SOC 325
Cities & Globalization	SOC 341
Development in Southeast Asia	SOC 351
Environment & Society	SOC 381
Social Movements & Resistance	SOC 382

E. Required: Social Process and Services -- select 6 credits

Juvenile Delinquency	SOC 230
Social Gerontology	SOC 261
Human Services In Modern Society	SOC 262
Sociology of Work & Occupations	SOC 308
Death & Dying	SOC 320
Social Psychology	SOC 329
Theories of Criminal Deviance	SOC 330
Victims of Abuse and Neglect	SOC 337

Spanish

Major Requirements: 30 credits

Hispanic Literature and Culture	SP 230
Advanced Spanish Language & Culture I	SP 301
Advanced Spanish Language & Culture II	SP 302
Advanced Spanish Grammar & Composition	SP 305
Advanced Conversation	SP 310
Applied Hispanic Linguistics	SP 315
Latin American Culture	SP 325
Survey of Spanish Literature	SP 330
Survey of Latin American Literature	SP 340
Senior Seminar: Special Topics	SP 440

Major Requirements-Electives: Select 9 credits

History of Latin America	HS 235
Contemporary Central America	HS 305

History of Spain
Spanish Culture

HS 312
SP 320

Ballet Performance Minor

Required Courses:

Repertoire and Production
Ballet Techniques
Modern
Jazz
Pointe
Pas de Deux
Variations
Men's Dance Technique
Ethnic-Dunham
Character
Special Topics in Dance

PA 100-400
PA 104-404
PA 105-405
PA 106-406
PA 108-408
PA 110-410
PA 112-412
PA 120-420
PA 218
PA 236
PA 350

Communication, Media & Technology Minor

Required Courses (A):

Introduction to Communication
Introduction to Mass Communication
Communication Theory and Research
Emerging Communications Technology

COM 101
COM 102
COM 205
COM 302

Required Courses (B): must take at least 6 credits of the following

Introduction to Organizational Communication
Intercultural Communication
Critical Evaluation of Mass Media
Legal Issues in Mass Communication

COM 201
COM 203
COM 301
COM 401

English Studies: Professional Writing Minor

Required Courses -- choose five courses from the following:

Business Communications
Technical Writing
Creative Writing I
Special Topics in Composition
Journalism I
Journalism II
Writing for Advertising
Writing for Television & Radio
Grants Writing
Advanced Exposition
Public Relations Writing

EN 229
EN 230
EN 240
EN 312
EN 331
EN 332
EN 334
EN 335
EN 336
EN 337
EN 338

French Minor

Required Courses:

Intermediate French I
Intermediate French II
Advanced French Language & Culture I
Advanced French Language & Culture II
French Civilization and Culture I
Research in French Studies

FR 201
FR 202
FR 301
FR 302
FR 305
FR 457

History Minor

Required Courses: 3 Credits from the following

U.S. History: The Foundation of a Republic (1600-1865)

HS 110

U.S. History: The Emergence of a Mass Democracy (1865-1945)
Western Civilization I
Western Civilization II
Multicultural History of the US

HS 111
HS 113
HS 114
SELHS-002

Required Electives: 12 Credits-Any History (HS) 200 or 300 level course or any of the (PS) courses listed below(6 credits must be in U.S. History & 6 credits in non-U.S. History

History Elective
History Elective
History & Politics of Africa
History & Politics of the Middle East

HS XXX
HS XXX
PS 319
PS 345

Humanities Minor

Humanities Minor Required Courses: 15 credits-EN221 or EN222 & EN236 or EN239 & EN2XX or EN3XX & PH2XX or PH3XX

World Literature I
World Literature II
Issues in American Literature I
Issues in American Literature II
Introduction to Philosophy

EN 221
EN 222
EN 236
EN 239
PH 121

Must take at least 3 credits of the following:

Old Testament
New Testament
World Religions

RS 101
RS 102
RS 103

Select at least 3 credits of the following:

Ethics
Christology
Women & Religion

PH 226
RS 214
RS 220

International Affairs Minor

International Affairs Minor Required Courses - 12 credits

Global Politics
International Political Economy
American Foreign Policy
International Legal Environment

IS 201
IS 303
IS 333
IS 448

Select two courses from the following - 6 credits

Geography Elective
International Business Management
Intercultural Communication
Comparative Government
Development: Political, Social & Economic Issues

GEO XXX
INT 339
IS 203
IS 321
IS 325

Literature Minor

Literature Minor Requirements: 15 credits (Select EN321 or EN323)

Shakespeare on Film
Shakespeare
Literature Elective
Literature Elective
Literature Elective
Literature Elective

EN 321
EN 323
EN 3XX
EN 3XX
EN XXX
EN XXX

Philosophy Minor

Required Courses:

Introduction to Philosophy
Ethics
Mystery of God
Moral Theology
World Views & Identity

PH 121
PH 226
PH 233
RS 115
SELPHL-002

Psychology Minor

Introduction to Psychology
Research Methods In Psychology

PSY 121
PSY 311

Religious Studies Minor

Required Courses: 9 credits

Old Testament
New Testament
World Religions

RS 101
RS 102
RS 103

Select 9 credits from the following:

Ethics
Church History
Moral Theology
Sacramental Theology
Survey of Catholic Doctrine
Christology
Women & Religion
The Church: Institution/Community
Special Topics in Religious Studies

PH 226
RS 111
RS 115
RS 116
RS 118
RS 214
RS 220
RS 234
RS 250

Sociology Minor

Required courses:

Race, Class, Gender: An Introduction to Sociology
Research Methods

SOC 121
SOC 311

Spanish Minor

Intermediate Spanish I
Intermediate Spanish II
Advanced Spanish Language & Culture I
Advanced Spanish Language & Culture II
Research in Spanish Studies

SP 201
SP 202
SP 301
SP 302
SP 457

Select one of the following courses in history:

History of Latin America
Contemporary Central America
History of Political Thought

HS 235
HS 305
HS 315

Women's / Gender Studies Minor

Required Course: 3 credits

Special Topics In Feminist Theory

SOC 4XX

Select four courses (12 credits) from the following:

Women in Literature
Women in U.S. History
Women Across Cultures
Women & Religion
Women in American Society

EN 315E
HS 330
INTEG300-007
RS 220
SOC 326

Applied Ethics Certificate

Applied ethics courses: 6 credits

The Moral of the Story
Biomedical Ethics

INTEG300-001
PH 327

Foundational courses: 6 credits

Ethics
Moral Theology

PH 226
RS 115

ESL Specialist Program**Required Courses: 18 Credits**

English Language Learners In the Multicultural Classroom
Structures of English
Language Learning and Instruction
Methods of Teaching and Evaluating ESL
Curriculum and Materials Development for TESOL
Field Experience and Seminar in TESOL

MLE 200
MLE 205
MLE 210
MLE 302
MLE 305
MLE 315

Modern Language Certificate Program**French Cycle:**

Elementary French I
Elementary French II
Intermediate French I
Intermediate French II
Advanced French Language & Culture I
Advanced French Language & Culture II

FR 101
FR 102
FR 201
FR 202
FR 301
FR 302

Spanish Cycle:

Elementary Spanish I
Elementary Spanish II
Intermediate Spanish I
Intermediate Spanish II
Advanced Spanish Language & Culture I
Advanced Spanish Language & Culture II

SP 101
SP 102
SP 201
SP 202
SP 301
SP 302

Parish Program Manager Certificate**Required Courses: 30 credits**

Ethics
Old Testament
New Testament
World Religions
Church History
Sacramental Theology
Christology
Women & Religion
The Church: Institution/Community
Religious Studies Internship I

PH 226
RS 101
RS 102
RS 103
RS 111
RS 116
RS 214
RS 220
RS 234
RS 451

Professional Writing Certificate Program**Choose 15 credits from the following:**

Business Communications
Creative Writing I
Special Topics in Composition
Journalism I
Journalism II
Writing for Advertising
Writing for Television & Radio
Grants Writing

EN 229
EN 240
EN 312
EN 331
EN 332
EN 334
EN 335
EN 336

Advanced Exposition
Public Relations Writing

EN 337
EN 338

Required Courses: 9 credits (Select GCD125 or EN351)

Technical Writing
Publication Design
Fundamentals of Electronic Publishing
Introduction to Cyberspace

EN 230
EN 351
GCD 125
IST 208

English as a Second Language

English as a Second Language

Low Beginning Reading
Low Beginning Writing
Low Beginning Speaking
Low Beginning Grammar
High Beginner Reading
High Beginner Writing
High Beginner Speaking
High Beginner Grammar
High Beginner Listening
Low Intermediate Reading
Low Intermediate Writing
Low Intermediate Speaking
Low Intermediate Grammar
Low Intermediate Listening
High Intermediate Reading
High Intermediate Writing
High Intermediate Speaking
High Intermediate Grammar
Advanced Reading
Advanced Writing
Advanced Speaking
Advanced Structures of Academic English
Intensive Reading
Intensive Writing
Intensive Speaking
High Intermediate Listening
Advanced Listening
Independent Study in English as a Second Language

ESL 086
ESL 087
ESL 088
ESL 089
ESL 090
ESL 091
ESL 092
ESL 093
ESL 094
ESL 100
ESL 101
ESL 102
ESL 103
ESL 104
ESL 105
ESL 106
ESL 107
ESL 108
ESL 109
ESL 110
ESL 111
ESL 112
ESL 113
ESL 114
ESL 115
ESL 120
ESL 130
ESL 457

La Roche Course Catalogue

Tuesday, October 26, 2010

Natural & Behavioral Sciences Division

Programs of Study

Majors

Biology (B.A.)
Biology (B.S.)
Biology with Forensics
Chemistry
Chemistry - Comprehensive
Chemistry - Forensic Science
Chemistry - Materials Science Engineering
Computer Science
Criminal Justice
Criminal Justice - Accelerated Program for Criminal Justice Professionals (APCJP)
Health Science - Option 1
Health Science - Option 2 or 3
Human Services
Mathematics - BA
Mathematics - BS
Mathematics - Industrial Engineering
National Security Studies
Radiologic Technology

BA
BS
BS
BS
BS
BS
BS/BSE
BS
BA
BA
BA
BA
BA
BS
BS/BSE
BA
Associate

Minors

Applied Physics Minor
Biology - Molecular Biology Minor
Biology Minor
Chemistry Minor
Computer Science Minor
Criminal Justice Minor
Medical Technology Minor
Political Science Minor
Pre-law Minor

Other
Other
Other
Other
Other
Other
Other
Other
Other

Certificate Programs

Criminalistics Certificate

Certificate

Special Programs

Athletic Training
Chemistry - Chemical Engineering
Chemistry - Environmental
Computer Science - Industrial Engineering
Occupational Therapy
Physical Therapy
Physician Assistant
Speech-Language Pathology

Other
BS/BSE
BS
BS/BSE
Other
BS
Other
Other

Detail - Natural & Behavioral Sciences Division

Biology (B.A.)

Biology Requirements: 30 credits (includes 22 credits of biology electives)

General Biology I
General Biology II
General Biology Laboratory I
General Biology Laboratory II

BL 103
BL 104
BL 105
BL 106

Other Science & Mathematics Courses: 25 credits

General Chemistry I
General Chemistry II
General Chemistry Laboratory I
General Chemistry Laboratory II
College Algebra

CH 101
CH 102
CH 103
CH 104
MT 110

Trigonometry
Probability and Statistics
Physics for Health Sciences
Physics for Health Science Laboratory

MT 123
MT 140
PHY 110
PHY 110L

Biology (B.S.)

Biology Requirements: 36 credits (includes 8 credits of Biology electives)

Biochemistry Laboratory	BL 337
General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106
Microbiology	BL 225
Microbiology Laboratory	BL 225L
Genetics	BL 313
Genetics Laboratory	BL 314
Cell Biology	BL 326
Biochemistry I	BL 336
Biochemistry II	BL 338
Seminar in Biology I	BL 455
Seminar in Biology/Chemistry II	BL 459

Medical/Dental/Veterinary School Preparation Courses:

Comparative Vertebrate Anatomy & Physiology I	BL 221
Comparative Vertebrate Anatomy & Physiology II	BL 222
Immunology	BL 419
Immunology Laboratory	BL 420

Other Science & Mathematics Courses: 35 credits

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L

Biology with Forensics

Biology Component: 36 credits

Biochemistry Laboratory	BL 337
General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106
Microbiology	BL 225
Microbiology Laboratory	BL 225L
Genetics	BL 313
Genetics Laboratory	BL 314
Cell Biology	BL 326
Special Topics in Biology/Chemistry	BL 328
Biochemistry I	BL 336
Biochemistry II	BL 338
Molecular Biology	BL 430
Molecular Biology Laboratory	BL 431
Seminar in Biology I	BL 455
Seminar in Biology/Chemistry II	BL 459

Chemistry, Mathematics and Physics: 43 credits

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Analytical Chemistry I	CH 311
Analytical Chemistry Laboratory	CH 311L
Analytical Chemistry II	CH 312
Analytical Chemistry II Laboratory	CH 312L
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L

Criminal Justice: 13 credits

Introduction to the Criminal Justice System	CRIM 101
Criminal Law	CRIM 310
Criminalistics	CRIM 341
Criminal Investigations	CRIM 345

Chemistry**Chemistry Core: 37 credits**

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Chemistry Elective	CH 2XX
Analytical Chemistry I	CH 311
Analytical Chemistry Laboratory	CH 311L
Analytical Chemistry II	CH 312
Analytical Chemistry II Laboratory	CH 312L
Physical Chemistry I	CH 432
Physical Chemistry Laboratory	CH 432L
Physical Chemistry II	CH 433
Physical Chemistry II Laboratory	CH 433L
Seminar in Chemistry I	CH 455
Seminar in Chemistry II	CH 459

Science Component: 27 credits

General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L

Suggested Medical/Dental/Veterinary School Preparation Courses:

Comparative Vertebrate Anatomy & Physiology I	BL 221
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Comparative Vertebrate Anatomy & Physiology II	BL 222
Microbiology	BL 225
Genetics	BL 313
Genetics Laboratory	BL 314
Immunology	BL 419
Immunology Laboratory	BL 420
Biochemistry I	CH 336
Biochemistry Laboratory	CH 337

Chemistry - Comprehensive

Chemistry Required Courses: 50 credits

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Analytical Chemistry I	CH 311
Analytical Chemistry Laboratory	CH 311L
Analytical Chemistry II	CH 312
Analytical Chemistry II Laboratory	CH 312L
Inorganic Chemistry	CH 326
Biochemistry I	CH 336
Biochemistry Laboratory	CH 337
Chemistry Elective	CH 3XX
Physical Chemistry I	CH 432
Physical Chemistry Laboratory	CH 432L
Physical Chemistry II	CH 433
Physical Chemistry II Laboratory	CH 433L
Seminar in Chemistry I	CH 455
Research in Chemistry	CH 456
Seminar in Chemistry II	CH 459
Chemistry Elective	CH 4XX

Other Science & Mathematics Courses: 33 credits

General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106
Computer Science Elective	CSXXX
Computer Science Elective	CSXXX
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L

Chemistry - Forensic Science

Chemistry Component: 42 credits

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Analytical Chemistry I	CH 311
Analytical Chemistry Laboratory	CH 311L
Analytical Chemistry II	CH 312
Analytical Chemistry II Laboratory	CH 312L

Biochemistry I	CH 336
Biochemistry Laboratory	CH 337
Physical Chemistry I	CH 432
Physical Chemistry Laboratory	CH 432L
Physical Chemistry II	CH 433
Physical Chemistry II Laboratory	CH 433L
Seminar in Chemistry I	CH 455
Seminar in Chemistry II	CH 459
Forensic Chemistry	CH 460
Forensic Chemistry Laboratory	CH 460L

Criminal Justice component: 13 credits

Introduction to the Criminal Justice System	CRIM 101
Criminal Law	CRIM 310
Criminalistics	CRIM 341
Criminal Investigations	CRIM 345

Science and Mathematics Component: 31 credits

General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106
Molecular Biology	BL 430
Molecular Biology Laboratory	BL 431
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L

Chemistry - Materials Science Engineering

Chemistry Core: 32 credits

General Chemistry I	CH 101
General Chemistry I-Recitation	CH 101R
General Chemistry II	CH 102
General Chemistry II-Recitation	CH 102R
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Analytical Chemistry I	CH 311
Analytical Chemistry Laboratory	CH 311L
Analytical Chemistry II	CH 312
Analytical Chemistry II Laboratory	CH 312L
Physical Chemistry I	CH 432
Physical Chemistry Laboratory	CH 432L
Physical Chemistry II	CH 433
Physical Chemistry II Laboratory	CH 433L

Other Science and Mathematics Courses: 36

Polymer Chemistry	CH 315
Programming I	CS 110
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Analytic Geometry & Calculus III	MT 230
Ordinary Differential Equations	MT 231
Linear Algebra	MT 315
Physics I	PHY 132
Physics II	PHY 133
Physics III	PHY 230

Computer Science

Computer Science Core: 30 credits-CS 225 or IST 245 May Be Selected

Introduction to Computer Science	CS 102
Programming I	CS 110
Programming I Lab	CS 110L
Programming II	CS 210
Programming II Lab	CS 210L
Algorithm Analysis	CS 220
Systems Programming	CS 225
Systems Programming Lab	CS 225L
Computer Organization & Design	CS 235
Database Systems Theory	CS 255
Operating Systems	CS 340
CS Senior Capstone Experience	CS 490
Data Base Management Systems	IST 245

Computer Science Electives: 9 credits. This is fulfilled with any 400-level Computer Science course or internship approved by the chair. The following non-CS courses will also be accepted.

Computer Crime	CRIM 343
Computer Security	CS 342
Computer Science-400 level	CS 4XX
Legal Issues and Info Tech	IST 305
Web Page Usability & Programming	IST 308
Human Computer Interaction	IST 315
Information Systems Technology Internship I	IST 451

Mathematics Components: 14 credits

Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Discrete Structures I	MT 250

Physics Components: 8 credits

Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L

Criminal Justice

Criminal Justice Required Courses: 27 credits (Select CRIM330 or CRIM342; CRIM311 or PSY311; CRIM 216 is crosslisted with SOC216)

Introduction to the Criminal Justice System	CRIM 101
Constitutional Law	CRIM 205
Intelligence Analysis and Presentation Techniques	CRIM 211
Police and Society	CRIM 216
Criminal Law	CRIM 310
Research Methods in Criminal Justice	CRIM 311
Theories of Criminal Deviance	CRIM 330
Applied Criminology	CRIM 342
Criminal Investigations	CRIM 345
Senior Criminal Justice Capstone	CRIM 455
Research Methods in Psychology	PSY 311
Police and Society	SOC 216

Elective Courses: select any 4 courses (12 credits)

CSI: La Roche	CRIM 100
Introduction to Corrections	CRIM 210
Juvenile Delinquency	CRIM 230
Correctional Counseling	CRIM 300
Special Topics in Criminal Justice	CRIM 320
Enterprise & Transnational Crime	CRIM 334
Terrorism	CRIM 336
Crime Scene & Forensics Laboratory	CRIM 340

Criminalistics
 Computer Crime
 Security Management & Loss Prevention
 Administration of Criminal Justice Organizations
 Law Enforcement Communications: Interviewing, Note Taking and Report Writing
 Emergency Preparedness and Crisis Management
 Internship in Criminal Justice
 Independent Study

CRIM 341
 CRIM 343
 CRIM 346
 CRIM 352
 CRIM 354
 CRIM 412
 CRIM 451
 CRIM 457

Skills Component: 15 credits (students may select CRIM 212, Analysis of Criminal Justice Data OR MT 140, Probability & Statistics; students may select CRIM 218, Professional Responsibility OR PH 226 Ethics

Analysis of Criminal Justice Data
 Professional Responsibility: Legal & Ethical Concepts
 Technical Writing
 Introduction to Cyberspace
 Probability and Statistics
 Logic
 Ethics

CRIM 212
 CRIM 218
 EN 230
 IST 208
 MT 140
 PH 120
 PH 226

Criminal Justice - Accelerated Program for Criminal Justice Professionals (APCJP)

Criminal Justice Major Electives : Select 6 credits

Introduction to Corrections
 Correctional Counseling
 Enterprise & Transnational Crime
 Terrorism
 Crime Scene & Forensics Laboratory
 Criminalistics
 Computer Crime
 Security Management & Loss Prevention
 Administration of Criminal Justice Organizations
 Independent Study

CRIM 210
 CRIM 300
 CRIM 334
 CRIM 336
 CRIM 340
 CRIM 341
 CRIM 343
 CRIM 346
 CRIM 352
 CRIM 457

Criminal Justice Major Requirements: 15 credits (select CRIM330 or CRIM342; CRIM311 or PSY311)

Constitutional Law
 Criminal Law
 Research Methods in Criminal Justice
 Theories of Criminal Deviance
 Applied Criminology
 Senior Criminal Justice Capstone
 Research Methods in Psychology

CRIM 205
 CRIM 310
 CRIM 311
 CRIM 330
 CRIM 342
 CRIM 455
 PSY 311

Criminal Justice Skills: 12 credits (Select CRIM212 or MT140)

Analysis of Criminal Justice Data
 Technical Writing
 Introduction to Cyberspace
 Probability and Statistics
 Logic

CRIM 212
 EN 230
 IST 208
 MT 140
 PH 120

Health Science - Option 1

Required Course (Additional): 3 credits

Biomedical Ethics

PH 327

Science and Mathematics Component: 40 credits

Life Science Lab
 Life Science
 Microbiology for Health Sciences
 Microbiology for Health Sciences Lab
 Medical Terminology
 Anatomy & Physiology I
 Human Anatomy and Physiology Lab I
 Anatomy & Physiology II

BL 100
 BL 101
 BL 115
 BL 115L
 BL 120
 BL 123
 BL 123L
 BL 124

Human Anatomy & Physiology II Laboratory
 Principles of Chemistry I
 Principles of Chemistry I Laboratory
 Principles of Chemistry II
 Principles of Chemistry II Laboratory
 College Algebra
 Probability and Statistics
 Normal and Clinical Nutrition
 Physics for Health Sciences

BL 124L
 CH 107
 CH 108
 CH 117
 CH 118
 MT 110
 MT 140
 NS 125
 PHY 110

Human Services

Human Services Major Requirements: 39 credits

Introduction to Psychology	PSY 121
Abnormal Psychology	PSY 323
Interpersonal & Group Dynamics	PSY 330
Counseling Theories & Methods I	PSY 340
Counseling Theories & Methods II	PSY 341
Psychology Internship I	PSY 451
Psychology Internship II	PSY 452
Race, Class, Gender: An Introduction to Sociology	SOC 121
Human Services in Modern Society	SOC 262

Human Services non-optional requirements: (A) Choose 1

Child Development	PSY 222
Psychology of Adulthood and Aging	PSY 332

Human Services non-optional requirements: (B) Choose 1

Global Social Problems	SOC 123
Family Relations	SOC 327

Human Services: Choose 2 from either PSY or SOC

Research Methods in Psychology	PSY 311
Senior Seminar in Psychology	PSY 455
Research Methods	SOC 311
Senior Seminar in Sociology	SOC 455

Major Electives: 24 credits

Fundamentals of Management	AM 118
Human Resources Administration	AM 225
Introduction to the Criminal Justice System	CRIM 101
Grants Writing	EN 336
Introduction to Cyberspace	IST 208
Health Psychology	PSY 215
Human Sexuality	PSY 218
Child Development	PSY 222
The Exceptional Child	PSY 233
Adolescence Psychology	PSY 240
Death & Dying	PSY 320
Theories of Personality	PSY 328
Social Psychology	PSY 329
Tests & Measurements	PSY 331
Psychology of Adulthood and Aging	PSY 332
Global Social Problems	SOC 123
Race & Ethnicity	SOC 134
Sociology of Work & Occupations	SOC 308
Family Relations	SOC 327
Victims of Abuse and Neglect	SOC 337
Sociology of Mental Health	SOC 343

Mathematics - BA

Mathematics Core: 45 credits

Analytic Geometry and Calculus I	MT 132
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Analytic Geometry and Calculus II	MT 133
Analytic Geometry & Calculus III	MT 230
Ordinary Differential Equations	MT 231
Discrete Structures I	MT 250
Discrete Structures II	MT 251
Linear Algebra	MT 315
Complex Analysis	MT 335
Probability and Statistics I	MT 340
Probability and Statistics II	MT 345
History of Mathematics	MT 403
Modern Abstract Algebra	MT 415
Geometry	MT 420
Real Analysis	MT 435
Junior-Senior Seminar in Mathematics	MT 490

Physics Component: 8 credits

Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L

Mathematics - BS

Computer Science: 7 credits

Introduction to Computer Science	CS 102
Programming I	CS 110
Programming I Lab	CS 110L

Mathematics Core: 46 credits

Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Analytic Geometry & Calculus III	MT 230
Ordinary Differential Equations	MT 231
Discrete Structures I	MT 250
Discrete Structures II	MT 251
Linear Algebra	MT 315
Complex Analysis	MT 335
Probability and Statistics I	MT 340
Probability and Statistics II	MT 345
History of Mathematics	MT 403
Modern Abstract Algebra	MT 415
Geometry	MT 420
Real Analysis	MT 435
Junior-Senior Seminar in Mathematics	MT 490

Physics: 12 credits

Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L
Physics III	PHY 230
Physics III Laboratory	PHY 230L

Mathematics - Industrial Engineering

Mathematics: 42 credits (6 credits to be completed at the University of Pittsburgh)

Analytic Geometry and Calculus I	MT 132
Analytic Geometry & Calculus I-Recitation	MT 132R
Analytic Geometry and Calculus II	MT 133
Analytic Geometry & Calculus II-Recitation	MT 133R
Analytic Geometry & Calculus III	MT 230
Analytic Geometry & Calculus III-Recitation	MT 230R
Ordinary Differential Equations	MT 231
Discrete Structures I	MT 250
Discrete Structures II	MT 251

Linear Algebra
Probability and Statistics I
Probability and Statistics II
Modern Abstract Algebra
Real Analysis
Numerical Mathematics I

MT 315
MT 340
MT 345
MT 415
MT 435
MT 460

Physics Courses: 12 credits

Physics I
Physics I Laboratory
Physics II
Physics II Laboratory
Physics III
Physics III Laboratory

PHY 132
PHY 132L
PHY 133
PHY 133L
PHY 230
PHY 230L

Required: Chemistry- 8 credits

General Chemistry I
General Chemistry I-Recitation
General Chemistry II
General Chemistry II-Recitation
General Chemistry Laboratory I
General Chemistry Laboratory II

CH 101
CH 101R
CH 102
CH 102R
CH 103
CH 104

Required: Computer Science- 7 credits

Introduction to Computer Science
Programming I
Programming I Lab

CS 102
CS 110
CS 110L

National Security Studies

Major Requirements: 18 credits

Macroeconomics
Terrorism
Global Politics
Intelligence Analysis and Presentation Techniques
National Security & Intelligence: Senior Seminar
History of Political Thought

AM 105
CRIM 336
IS 201
NSC 211
NSC 405
PS 315

National Security Studies Electives: 12 credits

Enterprise & Transnational Crime
Computer Crime
International Political Economy
Financial Investigation and Analysis
Emergency Preparedness and Crisis Management
National Security-Independent Study
Islam In the World
Introduction to Psychology
Interpersonal & Group Dynamics

CRIM 334
CRIM 343
IS 303
NSC 315
NSC 412
NSC 457
PS 245
PSY 121
PSY 330

Requirements: Foreign Area Studies: 6 credits

History of Latin America
Contemporary Central America
East Asian History
History & Politics of Africa
History & Politics of the Middle East

HS 235
HS 305
IS 328
PS 319
PS 345

Skills Component: 24 credits

Advanced Practical Computer Applications
Management Of Information Systems
Networking
Data Base Management Systems
Probability and Statistics
Business Intelligence
Research Methods

IST 106
IST 221
IST 230
IST 245
MT 140
NSC 310
NSC 311

• Radiologic Technology

26 credits in radiologic technology (taught at Ohio Valley General Hospital School of Radiography):

Radiologic Technology I	HSC 201
Clinical Education I	HSC 202
Radiography Technology II	HSC 203
Clinical Education II	HSC 204
Radiologic Technology III	HSC 205
Clinical Education III	HSC 206
Radiologic Technology IV	HSC 207
Clinical Education IV	HSC 208
Radiologic Technology V	HSC 209
Clinical Education V	HSC 210
Radiologic Technology VI	HSC 211
Clinical Education VI	HSC 212
Radiographic Review	HSC 213

Core Curriculum: 21 credits

College Writing I	EN 111
College Writing II	EN 112
Global/Community Course	GLBL/COMM
Practical Computer Applications	IST 105
Introduction to Psychology	PSY 121
CORE Courses/SELECT	SEL
CORE Courses/SELECT	SEL

Natural Science & Mathematics: 22 credits

Life Science Lab	BL 100
Life Science	BL 101
Medical Terminology	BL 120
Anatomy & Physiology I	BL 123
Anatomy & Physiology II	BL 124
College Algebra	MT 110
Physics for Health Sciences	PHY 110

Applied Physics Minor

Major Requirements: 41 credits

Medical Terminology	BL 120
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Required Courses:

Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L
Physics III	PHY 230
Physics III Laboratory	PHY 230L
Analog Electronics (Electronics I)	PHY 280
Electronics I Laboratory	PHY 280L
Digital Electronics (Electronics II)	PHY 380
Electronics II Laboratory	PHY 380L

Six (6) credits (2 courses) selected from the following:

Computational Physics	PHY 375
Electronic Communication	PHY 382
Electronic Communication Laboratory	PHY 382L
Physics of Information Theory	PHY 475
Instrumentation Physics	PHY 480
Instrumentation Physics Laboratory	PHY 480L

Biology - Molecular Biology Minor

Required Courses: 12 credits

General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106
Molecular Biology	BL 430
Molecular Biology Laboratory	BL 431

Select at least 12 additional credits from the following courses:

Biochemistry Laboratory	BL 337
Microbiology	BL 225
Genetics	BL 313
Genetics Laboratory	BL 314
Cell Biology	BL 326
Biochemistry I	BL 336
Biochemistry II	BL 338
Immunology	BL 419
Immunology Laboratory	BL 420

Biology Minor**Required Courses: 8 credits**

General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106

Chemistry Minor**Required Chemistry Courses: (Select CH311/L or CH432/L or CH433/L)**

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II-Laboratory	CH 216L
Organic Chemistry II-Laboratory	CH 216L
Chemistry Elective	CH 2XX
Analytical Chemistry I	CH 311
Analytical Chemistry Laboratory	CH 311L
Physical Chemistry I	CH 432
Physical Chemistry Laboratory	CH 432L
Physical Chemistry II	CH 433
Physical Chemistry II Laboratory	CH 433L

Computer Science Minor**Computer Science Minor Electives: Choose 6 Credits from the following 200+ Level courses**

Discrete Structures II	CS 216
Systems Programming	CS 225
Analog Electronics	CS 230
Computer Organization & Design	CS 235
Database Systems Theory	CS 255
Digital Electronics (Electronics II)	CS 330
Electronic Communication	CS 332
Operating Systems	CS 340
Compiler Design	CS 410
Introduction to Software Engineering	CS 420
Telecommunications I	CS 445
Telecommunications II	CS 446
Advanced Database Theory	CS 455
Introduction to Artificial Intelligence	CS 470

Required Courses: 17 credits

Introduction to Computer Science
Programming I
Programming I Lab
Programming II
Programming II Lab
Discrete Structures I
Algorithm Analysis

CS 102
CS 110
CS 110L
CS 210
CS 210L
CS 215
CS 220

Criminal Justice Minor**Minor Requirements: 6 credits (Select CRIM205 or CRIM310)**

Introduction to the Criminal Justice System
Constitutional Law
Criminal Law

CRIM 101
CRIM 205
CRIM 310

Medical Technology Minor**Biology Electives: 22 credits**

Comparative Vertebrate Anatomy & Physiology I
Comparative Vertebrate Anatomy & Physiology II
Microbiology
Genetics
Immunology
Immunology Laboratory
Molecular Biology

BL 221
BL 222
BL 225
BL 313
BL 419
BL 420
BL 430

Medical Technology Minor Requirements: 38 credits

Analytical Chemistry I
Analytical Chemistry Laboratory
Biochemistry I
Biochemistry Laboratory
Internship in Medical Technology

CH 311
CH 311L
CH 336
CH 337
HSC 441 & 443

Political Science Minor**Required Courses: 9 credits**

Introduction to American Government
History of Political Thought
Comparative Government

PS 122
PS 315
PS 321

Required Electives: 6 credits-Any two 300-level-Political Science- 3 credit courses:

Political Science 300-level
Political Science 300-level

PS 3XX
PS 3XX

Pre-law Minor**Required Courses (Select SPH101 or AM324 or CRIM211; Note CRIM205 is crosslisted with PS205)**

Professional Presentations
Constitutional Law
Intelligence Analysis and Presentation Techniques
Advanced Exposition
A History of American Values, Beliefs and Ideas
Logic
Ethics
Introduction to American Government
Constitutional Law
Modern Public Speaking

AM 324
CRIM 205
CRIM 211
EN 337
HS 336
PH 120
PH 226
PS 122
PS 205
SPH 101

Athletic Training

Major Requirements: 41 credits

General Biology I	BL 103
General Biology Laboratory I	BL 105
Anatomy & Physiology I	BL 123
Human Anatomy and Physiology Lab I	BL 123L
Anatomy & Physiology II	BL 124
Human Anatomy & Physiology II Laboratory	BL 124L
Principles of Chemistry I	CH 107
Principles of Chemistry I Laboratory	CH 108
Probability and Statistics	MT 140
Physics for Health Sciences	PHY 110
Physics for Health Science Laboratory	PHY 110L
Introduction to Psychology	PSY 121
Introduction to Computer Science: Bits, Bytes and Beyond.	SELSCI-005
Modern Public Speaking	SPH 101

Chemistry - Chemical Engineering**Chemistry Core: 32 credits**

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Analytical Chemistry I	CH 311
Analytical Chemistry Laboratory	CH 311L
Analytical Chemistry II	CH 312
Analytical Chemistry II Laboratory	CH 312L
Physical Chemistry I	CH 432
Physical Chemistry Laboratory	CH 432L
Physical Chemistry II	CH 433
Physical Chemistry II Laboratory	CH 433L

Other Science and Mathematics Courses: 35 credits

Introduction to Computer Science	CS 102
Programming I	CS 110
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Analytic Geometry & Calculus III	MT 230
Ordinary Differential Equations	MT 231
Linear Algebra	MT 315
Physics I	PHY 132
Physics II	PHY 133

Chemistry - Environmental**Chemistry Component: 38 credits**

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Analytical Chemistry I	CH 311
Analytical Chemistry Laboratory	CH 311L
Analytical Chemistry II	CH 312
Analytical Chemistry II Laboratory	CH 312L
Biochemistry I	CH 336

Biochemistry Laboratory	CH 337
Physical Chemistry I	CH 432
Physical Chemistry Laboratory	CH 432L
Physical Chemistry II	CH 433
Physical Chemistry II Laboratory	CH 433L
Seminar in Chemistry I	CH 455
Seminar in Chemistry II	CH 459

Mathematics & Science Component: 27 credits

General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L

Computer Science - Industrial Engineering

CS - Requirements: 30 credits

Introduction to Computer Science	CS 102
Programming I	CS 110
Programming I Lab	CS 110L
Programming II	CS 210
Programming II Lab	CS 210L
Discrete Structures I	CS 215
Discrete Structures II	CS 216
Algorithm Analysis	CS 220
Systems Programming	CS 225
Systems Programming Lab	CS 225L
Computer Organization & Design	CS 235
Operating Systems	CS 340

CS-Chemistry Requirements: 8 credits

General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104

Mathematics Componets: 24 credits

Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Analytic Geometry & Calculus III	MT 230
Ordinary Differential Equations	MT 231
Linear Algebra	MT 315
Probability and Statistics I	MT 340
Probability and Statistics II	MT 345

Physics: 12 credits

Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Physics II Laboratory	PHY 133L
Physics III	PHY 230
Physics III Laboratory	PHY 230L

Required: Accounting Component: 3 credits

Managerial Accounting	AC 213
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Occupational Therapy

Major Requirements: 38 credits

General Biology I	BL 103
General Biology Laboratory I	BL 105
Medical Terminology	BL 120
Anatomy & Physiology I	BL 123
Human Anatomy and Physiology Lab I	BL 123L
Anatomy & Physiology II	BL 124
Human Anatomy & Physiology II Laboratory	BL 124L
Probability and Statistics	MT 140
Physics for Health Sciences	PHY 110
Physics for Health Science Laboratory	PHY 110L
Introduction to Psychology	PSY 121
Introduction to Computer Science: Bits, Bytes and Beyond.	SELSCI-005
Sociology Elective	SOC XXX

Physical Therapy**Major Requirements: 69 credits**

Professional Presentations	AM 324
Biochemistry Laboratory	BL 337
General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory II	BL 106
General Biology Laboratory II	BL 106
Genetics	BL 313
Genetics Laboratory	BL 314
Cell Biology	BL 326
Biochemistry I	BL 336
Biochemistry II	BL 338
Seminar in Biology I	BL 455
Seminar in Biology/Chemistry II	BL 459
General Chemistry I	CH 101
General Chemistry II	CH 102
General Chemistry Laboratory I	CH 103
General Chemistry Laboratory II	CH 104
Organic Chemistry I	CH 215
Organic Chemistry I-Laboratory	CH 215L
Organic Chemistry II	CH 216
Organic Chemistry II-Laboratory	CH 216L
Analytic Geometry and Calculus I	MT 132
Analytic Geometry and Calculus II	MT 133
Probability and Statistics	MT 140
Biomedical Ethics	PH 327
Physics I	PHY 132
Physics I Laboratory	PHY 132L
Physics II	PHY 133
Introduction to Psychology	PSY 121

Physician Assistant**Major Requirements: 35 credits**

General Biology I	BL 103
General Biology II	BL 104
General Biology Laboratory I	BL 105
General Biology Laboratory II	BL 106
Microbiology for Health Sciences	BL 115
Microbiology for Health Sciences Lab	BL 115L
Principles of Chemistry I	CH 107
Principles of Chemistry I Laboratory	CH 108
Principles of Chemistry II	CH 117
Principles of Chemistry II Laboratory	CH 118
Probability and Statistics	MT 140
Physics for Health Sciences	PHY 110
Physics for Health Science Laboratory	PHY 110L
Introduction to Psychology	PSY 121
Introduction to Computer Science: Bits, Bytes and Beyond.	SELSCI-005

Speech-Language Pathology

Major Requirements: 36 credits

Life Science Lab
Life Science
Anatomy & Physiology I
Human Anatomy and Physiology Lab I
Introduction to Communication
Intercultural Communication
Physics for Health Sciences
Physics for Health Science Laboratory
Introduction to Psychology
Child Development
Introduction to Computer Science: Bits, Bytes and Beyond.

BL 100
BL 101
BL 123
BL 123L
COM 101
COM 203
PHY 110
PHY 110L
PSY 121
PSY 222
SELSCI-005

La Roche Course Catalogue

Tuesday, October 26, 2010

Other Divisions

Programs of Study

Majors

Self-Designed Major
Undeclared

BA/BS
Other

Minors

Sustainable Studies Minor

Other

Course Descriptions

AC101 ACCOUNTING CONCEPTS Credits (Min/Max): 3/3

This course introduces the student to financial and management accounting in a business setting. Course materials are specifically designed to provide the non-Business major with a generalist's understanding of accounting procedures and principles and how those procedures and principles affect organizational operations and management planning. Topics include accounts and financial statements, evaluating operations, inventory systems, receivables, and depreciation methods. For NON-Business Majors Only

AC203 ACCOUNTING I Credits (Min/Max): 3/3

An introduction to accounting principles and bookkeeping methods, including the theory of debit and credit, financial statements and adjusting and closing entries. Topics also covered include: accounting for merchandising operations including inventory systems and cost flow assumption, internal control systems, bank reconciliations, and receivables.

AC204 ACCOUNTING II Credits (Min/Max): 3/3

This second semester of accounting emphasizes the analysis and use of equity accounts and the interpretation of financial information. Topics covered include short-term liabilities, the statement of cash flows, partnerships, corporate transactions, and long-term assets.

Prerequisites: AC203 - ACCOUNTING I

AC213 MANAGERIAL ACCOUNTING Credits (Min/Max): 3/3

A study of a manager's use of financial reports and data in the controlling function. Analysis of financial statements, use of budgets and budgeting techniques for operations, and capital acquisitions will be treated. Costing methods will be explored.

Prerequisites: AC203 - ACCOUNTING I

AC225 ACCOUNTING WITH COMPUTERS Credits (Min/Max): 3/3

This course provides hands-on experience of the integration of computers into the accounting field. The student will work through a complete accounting cycle using a full-featured commercial accounting software package. Other topics include sales and receivables, inventory, plant assets and depreciation, payables, payroll, and job costing. Emphasis will be placed on the preparation of accounting information and its subsequent uses, as well as the instruction of advanced skills needed to use spreadsheet software to prepare schedules commonly found in an accounting environment.

Prerequisites: AC204 - ACCOUNTING II

AC301 TAXATION I Credits (Min/Max): 3/3

A study of the basic principles of federal taxation. Areas studied include types of returns, includable and excludable income, expense deductions, inventory methods, depreciation methods and accounting methods.

Prerequisites: AC204 - ACCOUNTING II

AC302 TAXATION II Credits (Min/Max): 3/3

An advanced course expanding on the principles of tax law learned in Taxation I to include taxation of corporations, estates and trusts, partnerships, limited partnerships and foreign operations of various entities. Tax planning and research methodology are emphasized as solutions to complex tax questions arising from topical discussions.

Prerequisites: AC204 - ACCOUNTING II

AC311 INTERMEDIATE ACCT. I Credits (Min/Max): 3/3

A comprehensive study of accounting theory and practice problems related to cash, temporary investments, receivables, inventories and long-lived assets. Students examine the nature, composition, valuation and balance sheet classification of these items.

Prerequisites: AC203 - ACCOUNTING I

AC312
INTERMEDIATE ACCT. II
Credits (Min/Max): 3/3

The second semester of intermediate accounting deals with accounting theory and practice problems related to intangibles, bonds, partnerships, corporations and analysis of working capital. Discussion and applied practice supplement the study of the nature, composition, valuation and balance sheet classification of these items. Students prepare comparative financial statements.

Prerequisites: AC204 - ACCOUNTING II

AC314
COST ACCOUNTING
Credits (Min/Max): 3/3

A continuation of the study of cost accounting theory and practice through its application to such advanced level topics as budgeting, standard cost, direct and absorption cost, cost/profit volume analysis and strategic planning programs.

Prerequisites: AC213 - MANAGERIAL ACCOUNTING

AC401
ADVANCED ACCOUNTING
Credits (Min/Max): 3/3

An examination of current generally accepted accounting principles as they relate to special areas including business combinations, governmental, and not-for-profit organizations.

Prerequisites: AC312 - INTERMEDIATE ACCT II

AC402
AUDITING
Credits (Min/Max): 3/3

Provides a thorough knowledge of auditing through the application of auditing principles and an understanding of auditing standards.

Prerequisites: AC311 - INTERMEDIATE ACCOUNTING I

AC440
SPECIAL TOPICS - ACCOUNTING
Credits (Min/Max): 3/3

A customized study of selected topics in the field of accounting. Students will be guided by a department faculty member to acquaint them with current issues in the profession.

AC451
ACCOUNTING INTERNSHIP I
Credits (Min/Max): 1/6

A field experience in an accounting position, supervised by field instructor as well as college faculty. The internship is designed to increase understanding of accounting and the accounting-related issues and perspectives as they relate to the business and social environment.

AC452
ACCOUNTING INTERNSHIP II
Credits (Min/Max): 1/3

A field experience in an accounting position, supervised by field instructor as well as college faculty. The internship is designed to increase understanding of accounting and the accounting-related issues and perspectives as they relate to the business and social environment.

AC457
ACCOUNTING INDEPENDENT STUDY
Credits (Min/Max): 1/3

The independent study is intended to give an opportunity to students with superior ability to pursue an area of study in accounting that is very specific in focus and/or not covered in existing offerings.

AH117
ART HISTORY I
Credits (Min/Max): 3/3

A survey of world art from prehistoric to late Gothic eras as well as an examination of the interaction of the social, political and economic forces that effected the production and appearance of such arts as painting, sculpture, architecture and the minor arts. Lectures, slides, discussion and field trips are utilized. Core Course.

AH118
HISTORY OF ART II:RENAISSANCE TO MODERN
Credits (Min/Max): 3/3

A survey of world art from early Renaissance to the present day. Emphasis is on cause and effect in the various historical and technological developments of art. Lecture, discussion, slides, film strips and field trips are part of the course. Core Course

AH202
HISTORY OF GRAPHIC DESIGN
Credits (Min/Max): 3/3

A survey of the history of graphic design from the invention of writing to the twentieth century. Emphasis will be given to the evolution of graphic communication and will include the origins of printing and typography. The impact of the industry on visual communication and the development of modern graphic design will also be presented.

AH232
HISTORY OF ID & ARCHITECTURE (ID232)
Credits (Min/Max): 3/3

A survey of interiors and architecture from the ancient world through the Gothic period. Emphasis is on understanding the development of our consciousness of space and relationships between plan development, structural concepts, technology and materials.

AH239
HISTORY OF ID & ARCHITECTURE II (ID239)
Credits (Min/Max): 3/3

A survey of interiors and architecture from the Renaissance through the 18th century, with special emphasis on styles and furniture.

PreRequisites: EN112 - COLLEGE WRITING:EXPOSITION II

AH316
HISTORY OF FILM
Credits (Min/Max): 3/3

The course attempts to make the student more aware of the medium as well as its place in the development of our culture. While the approach is historical, emphasis is placed upon development of the student's visual literacy. Additionally, important topics such as censorship and film propaganda are discussed Cross-listed with GCD 316

AH320
HISTORY OF CONTEMPORARY ART
Credits (Min/Max): 3/3

A survey of modern art from the 19th century to the present day. This course explores the revolutionary forms, methods and media invented by contemporary artists to continually defy our expectations of what art should be

AH332
HISTORY OF ID & ARCHITECTURE III (ID332)
Credits (Min/Max): 3/3

A survey of nineteenth and twentieth century interiors and architecture in Europe and the United States. Special emphasis is placed on designers and their contribution to contemporary American environment.

AM101
INTRO TO ADMINISTRATION & MGMT
Credits (Min/Max): 3/3

An introduction to the field of administration and management, focusing specifically on the area of business administration. The functional areas of business such as marketing, finance, personnel and production will be reviewed together with subjects such as economics, accounting and computers.

**AM105
MACROECONOMICS
Credits (Min/Max): 3/3**

An introductory economics course focusing on the field of macroeconomics, including government spending, money, inflation, unemployment and taxes. Also included are brief sections on microeconomic and economic systems. Core Course.

**AM106
MICROECONOMICS
Credits (Min/Max): 3/3**

An introductory economics course focusing on the field of microeconomics. Price, cost and production theory are covered in relation to competitive, monopolistic and oligopolistic industry structure. The field of labor economics is treated in some detail. Some advanced macroeconomics topics are also covered. Core Course.

**AM118
FUNDAMENTALS OF MANAGEMENT
Credits (Min/Max): 3/3**

An introduction to the three major schools of management thought: the classical, the behavioral and the management science schools. The major emphasis is on the fundamentals of each school of thought and also on the integrative approach to management, drawing on the systems and contingency approaches.

**AM207
ADVERTISING & P.R.(MKT207)
Credits (Min/Max): 3/3**

A comprehensive study of advertising, detailing its relationship to marketing practice. Topics such as advertising preparation, media evaluation, market research, pricing and retailing problems are included. The role of public relations in an organizational communication program is also explained. Cross-listed with MKT 207

PreRequisites: AM221 - (MKT221)MARKETING MANAGEMENT

**AM209
BUSINESS LAW I
Credits (Min/Max): 3/3**

Introduction to law and legal procedure. Contracts, their nature and requisites formation, operations, interpretation, discharge and remedies are discussed.

PreRequisites: EN112 - COLLEGE WRITING II

**AM210
BUSINESS LAW II
Credits (Min/Max): 3/3**

Study of sales: Article 2 of the Uniform Commercial Code, transfer of title, warranties, rights and remedies of buyer and seller; Commercial paper; Article 3 of the Uniform Commercial Code and Article 4 of the Uniform Commercial Code: Bank Deposits.

PreRequisites: AM209 - BUSINESS LAW I

**AM218
ORGANIZATIONAL BEHAVIOR
Credits (Min/Max): 3/3**

This course provides an in-depth examination of organizational behavior from a macro-perspective. This course includes a review of the research on organizational structure, technology and the environment, as well as their relationship and the implications for effective organizational design. Also included in the course are discussions of organizational goals and effectiveness, organizational culture, organizational conflict and politics, and alternative organizational structure in the U.S. and abroad.

PreRequisites: AM118 - FUNDAMENTALS OF MANAGEMENT

**AM221
MARKETING MANAGEMENT(MKT221)
Credits (Min/Max): 3/3**

A basic study of marketing systems in the American economy. This course includes, identifying the activities involved in the flow of goods among manufacturers, brokers, wholesalers, retailers and consumers. The nature of demand, buyer behavior, costs and pricing, sales strategies, promotions and techniques are presented. Cross-listed with AM 221

AM225
HUMAN RESOURCES ADMINISTRATION
Credits (Min/Max): 3/3

A study of the basics of human resources management including planning, recruitment selection, motivation and performance appraisal. Also treated are salary benefits systems and an introduction to EEOC and OSHA law.

Prerequisites: AM118 - FUNDAMENTALS OF MANAGEMENT

AM237
FINANCIAL SURVIVAL & ECONOMIC WELL BEING
Credits (Min/Max): 3/3

This course is open to all students regardless of their major. It will provide participants with the opportunity to study the concepts and principles of sound personal financial planning and management. It will deal with the basic questions of career choices. Cross-listed with INTEG200-004

AM303
INTN'L POLITICAL ECONOMY (IS303)
Credits (Min/Max): 3/3

An overview of the major theories of international political economy. Topics include the increasingly important role of global factors in the American economy, the international financial environment, international trade relations and economic development. Cross-listed with IS 303

Prerequisites: AM105 - MACROECONOMICS

AM308
BUSINESS & SOCIETY
Credits (Min/Max): 3/3

This policy-oriented course provides discussion and analysis of current issues and problems of an environmental nature confronting private corporate enterprise. Major areas analyzed are comparative economic systems, the political process, corporate social responsibility, the legal environment, human value systems and the person in management.

AM310
BUSINESS ORGANIZATION & REGULATION
Credits (Min/Max): 3/3

This course studies the concepts of UnIncorporated Business Association and Corporations. It also provides an overview of the issues relating to the Regulation of Business.

Prerequisites: AM209 - BUSINESS LAW I

AM315
PROJECT MANAGEMENT
Credits (Min/Max): 3/3

This course presents a comprehensive introduction to Project Management. The task of managing projects and the challenges facing project workers are examined in the context of new realities, requirements, opportunities and problems developing in the business environment. In addition to the traditional concerns of project management involving time, budget and specifications management, quality management, contract/procurement management and communication management as they affect the management of projects in the modern work place.

Prerequisites: AM118 - FUNDAMENTALS OF MANAGEMENT

AM324
PROFESSIONAL PRESENTATION
Credits (Min/Max): 3/3

This course is designed to provide students in the professional areas with training in preparing and giving professional presentations. Students will develop skills in audience/client assessment, research, presentation design and development, using presentation tools and presentation evaluation. Cross-listed with GD 324

AM340
INNOVATION & ENTREPRENEURSHIP
Credits (Min/Max): 3/3

This course will focus on the entrepreneurial process-from ideation to the implementation of a new business venture. It will concentrate on the behavioral aspects of entrepreneurs, the identification and assessment of opportunities and the marshalling of resources and skills necessary to implement the identified opportunity.

AM419
SPORTS ADMINISTRATION & MGMT (MKT419)
Credits (Min/Max): 3/3

This course will provide a comprehensive, current and concise introduction to sports management and administration principles and practices. Functional overviews of industry skills are presented and exposure to organizational theory, law and sports governance, facilities and venues, sports marketing, ethical applications, broadcasting, sales, event management, agency, advertising, sponsorship, international sport, collegiate and amateur sport will be addressed in detail. Cross-listed with MKT 419

PreRequisites: AM118 - FUNDAMENTALS OF MANAGEMENT

AM420
OPERATIONS MANAGEMENT
Credits (Min/Max): 3/3

Study is given to the basic operations, functions and procedures. An analytical approach is utilized with emphasis on problem solving. Modern management science techniques such as linear programming, PERT and inventory control models are presented.

AM436
ORGANIZATION THEORY
Credits (Min/Max): 3/3

This course is intended to provide the graduating administration and management student with a forum for exploring and comparing different theoretical approaches to the organizational aspects of modern institutions, both public and private. The participant would have the opportunity to acquire an understanding of the different ways in which organization theory is approached by scholars in different disciplines, i.e., sociologists, political scientists and public and business administrators.

AM440
BUSINESS ETHICS: TOPICS & ISSUES A&M
Credits (Min/Max): 3/3

This course will provide an in-depth examination of selected topics and issues in the field of administration and management. Topics to be examined on a rotating basis to include: ethics in business, history of business, government regulation and business, theory and process of decision-making and current issues in human resource management.

AM451
ADMINIST & MGMT INTERNSHIP I
Credits (Min/Max): 1/6

A field experience in an administrative or managerial position, supervised by a field instructor as well as college faculty.

AM452
ADMINIS & MGMT INTERNSHIP II
Credits (Min/Max): 1/3

A field experience in an administrative or managerial position, supervised by a field instructor as well as college faculty.

AM455
SEMINAR-BUSINESS POLICY
Credits (Min/Max): 3/3

An intensive culmination and synthesization of the study of administration and management consisting of readings, case study and class discussion. The primary emphasis is on the development of the skills of strategic analysis from the viewpoint of the general manager.

AM457
INDEPENDENT STUDY
Credits (Min/Max): 1/6

Independent study is intended to allow a student to pursue studies in advanced or special topics.

AR101
ELEMENTARY ARABIC I
Credits (Min/Max): 4/4

This course is designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in the beginning Arabic. The goal of the course is the acquisition of a useful, communicative command of language at the Novice-Low to Novice-Mid level on the national scale, as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target language input (oral and visual), active oral and written practice of real-life language tasks or functions (conversing with an exchange student, completing forms, etc.) and the exploration of cultural subtleties conveyed by language, thought and customs.

AR102
ELEMENTARY ARABIC II
Credits (Min/Max): 4/4

This course is designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in the beginning Arabic. The goal of the course is the acquisition of a useful, communicative command of language at the Novice-Low to Novice-Mid level on the national scale, as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target language input (oral and visual), active oral and written practice of real-life language tasks or functions (conversing with an exchange student, completing forms, etc.) and the exploration of cultural subtleties conveyed by language, thought and customs.

AR201
INTERMEDIATE ARABIC I
Credits (Min/Max): 3/3

This course is designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in beginning Arabic. The goal of this course is the acquisition of a useful, communicative command of the language at the Novice-Mid level on the national scale, as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target language input (oral and visual), active oral and written practice of real-life language tasks or functions (conversing with an exchange student, completing forms, etc.) and exploration of cultural subtleties conveyed by language, thought and customs.

PreRequisites: AR102 - ELEMENTARY ARABIC II

AR202
INTERMEDIATE ARABIC II
Credits (Min/Max): 3/3

This course is designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in beginning Arabic. The goal of this course is the acquisition of a useful, communicative command of the language at the Novice-Mid level on the national scale, as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target language input (oral and visual), active oral and written practice of real-life language tasks or functions (conversing with an exchange student, completing forms, etc.) and exploration of cultural subtleties conveyed by language, thought and customs.

BL100
LIFE SCIENCE LABORATORY
Credits (Min/Max): 1/1

The laboratory course will conduct experiments that demonstrate the underlying principles associated with topics presented in BL 101, Life Science. This course is designed for students majoring in Radiologic Technology, or consent of instructor and is not open to science majors.

BL101
LIFE SCIENCE(SELSCI-011)
Credits (Min/Max): 3/3

An introductory course directed toward the development of an answer to the question: What is life? The course explores various life processes and the human person's position in the total scheme. Emphasis is placed on current scientific discoveries. This course is not open to science majors.

BL102
INTRO TO THE HUMAN BODY:SYSTEMS THAT MOVE YOU
Credits (Min/Max): 3/3

This course will explore the basic concepts of human anatomy and physiology of the body systems responsible for movement. Specifically, the structure, function, interrelationships, and control of the skeletal, skeletal muscle, and nervous systems will be studied. This course is designed for students majoring in dance.

BL103
GENERAL BIOLOGY I
Credits (Min/Max): 3/3

A presentation of a comprehensive survey of the major area within modern biology with emphasis placed on unsolved problems and the nature of scientific evidence. The course explores the properties of living matter on the molecular, cellular and organismic level. Open to all science majors and non-science majors with a strong interest in biology or a professional need.

BL103R
GENERAL BIOLOGY I-RECITATION
Credits (Min/Max): 0/0

Required recitation for BL 103

BL104
GENERAL BIOLOGY II
Credits (Min/Max): 3/3

A presentation of a comprehensive survey of the major area within modern biology with emphasis placed on unsolved problems and the nature of scientific evidence. The course explores the properties of living matter on the molecular, cellular and organismic level. Open to all science majors and non-science majors with a strong interest in biology or a professional need.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL104R
GENERAL BIOLOGY II-RECITATION
Credits (Min/Max): 0/0

Required Recitation for BL 104

BL105
GENERAL BIOLOGY LAB I
Credits (Min/Max): 1/1

Selected experiments chosen to emphasize principles presented in the General Biology lecture courses.

BL106
GENERAL BIOLOGY II-LAB
Credits (Min/Max): 1/1

Selected experiments chosen to emphasize principles presented in the General Biology lecture courses.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL115
MICROBIOLOGY FOR HEALTH SCIENCES
Credits (Min/Max): 4/4

The primary effort of this course will be to provide the student with practical and clinically relevant information about microbes through lectures and laboratory exercises. Students will be introduced to basic facts about the structure and life processes of microbes. Major emphasis will be placed on relationships between microbes and humans, causes and diagnosis of microbial diseases, common sources of infections, disease transmission, and the prevention and treatment of infectious diseases. The tools and techniques for handling and identifying microorganisms will be introduced in the laboratory exercises.

BL115L
LAB-MICROBIOLOGY FOR HEALTH SCIENCES
Credits (Min/Max): 0/0

Lab for BL 115: Microbiology for Health Sciences.

BL120
MEDICAL TERMINOLOGY
Credits (Min/Max): 3/3

This course will introduce the language of medicine through the analysis of medical terminology structure and the understanding of the definition, spelling and pronunciation of medical terms.

BL123
HUMAN ANATOMY & PHYSIOLOGY I
Credits (Min/Max): 4/4

A basic course concerned with the structural and physiological processes of the human body. Interdependence of structure and function is stressed to promote better understanding of the entire body environment. Lecture and laboratory courses.

BL123L
ANATOMY & PHYSIOLOGY I-LAB
Credits (Min/Max): 0/0

Laboratory for BL 123L: Anatomy & Physiology I.

BL124
HUMAN ANATOMY & PHYSIOLOGY II
Credits (Min/Max): 4/4

The second of two basic courses concerned with the structural and physiological processes of the human body. Interdependence of structure and function is stressed to promote better understanding of the entire body environment. Lecture and laboratory courses.

PreRequisites: BL123 - ANATOMY AND PHYSIOLOGY I

BL124L
HUMAN ANATOMY & PHYSIOLOGY II- LAB
Credits (Min/Max): 0/0

Laboratory for BL 124: Anatomy and Physiology II.

BL130
BIOLOGY OF AGING
Credits (Min/Max): 3/3

Focusing on adulthood and later life, this course explores the physiological changes, which occur with human aging, adaptation to those changes and the impact of biological changes on psychosocial functioning.

BL221
COMPARATIVE VERTEBRATE A&P I
Credits (Min/Max): 4/4

A comparative study of the structural and functional characteristics of vertebrates tracing the evolution of animals from primitive chordates to mammals. Emphasis is placed on the physical and chemical operations of vertebrates and how these operations contribute to homeostasis. Structural/functional relationships are discussed. Lecture and laboratory courses.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL221L
COMPARATIVE ANATOMY I-LAB
Credits (Min/Max): 0/0

Laboratory for BL 221: Comparative Vertebrate Anatomy and Physiology I.

BL222
COMPARATIVE VERTEBRATE A&P II
Credits (Min/Max): 4/4

A comparative study of the structural and functional characteristics of vertebrates tracing the evolution of animals from primitive chordates to mammals. Emphasis is placed on the physical and chemical operations of vertebrates and how these operations contribute to homeostasis. Structural/functional relationships are discussed. Lecture and laboratory courses.

PreRequisites: BL221 - COMPAR VERTEBRATE ANAT&PHYS I

BL222L
COMPARATIVE VERTEBRATE A&P II: LAB
Credits (Min/Max): 0/0

Laboratory for BL 222: Comparative Vertebrate Anatomy and Physiology II.

BL225
MICROBIOLOGY
Credits (Min/Max): 4/4

An examination of the morphology and physiology of microorganisms with emphasis on their relationship to their environment. Topics include food, water, soil, industrial, and medical microbiology, microbial genetics, and microbial diversity. The laboratory work introduces the student to both the organisms and the techniques necessary to study them. Lecture and laboratory course.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL225L
MICROBIOLOGY LAB
Credits (Min/Max): 0/0

Laboratory for BL 225: Microbiology.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL313
GENETICS
Credits (Min/Max): 3/3

A study of the basic principles of heredity including Mendelian, molecular and population genetics. Topics will include the cellular functions that give rise to inherited traits, the genetic basis for evolution, the role of genetics in biotechnology, and the statistical basis for predicting the probability of inheriting certain traits.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL314
GENETICS LAB
Credits (Min/Max): 1/1

Selected experiments will emphasize the principles presented in the lecture course.

BL315
GENERAL ECOLOGY
Credits (Min/Max): 4/4

A general ecology course studying ecosystem and population dynamics. Application of these concepts is made to aquatic and terrestrial ecosystems including current environmental problems. Fieldwork is an integral part of this course. Lecture and laboratory course.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL315L
ECOLOGY LAB
Credits (Min/Max): 0/0

Laboratory for BL315

BL326
CELL BIOLOGY
Credits (Min/Max): 3/3

A survey course in cell biology. The ultra structure of the Eukaryotic plant and animal cell are examined and related to cell function. Special emphasis is placed on membrane structure and functions.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL328
BIOLOGY:SPECIAL TOPICS
Credits (Min/Max): 2/2

This special topics course is an examination of how microbes cause disease, particularly in humans. The course focuses on the basic principles of pathogenesis and provides examples of the disease process caused by certain bacteria, viruses, fungi and protozoa.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL329
CLINICAL SCIENCE(CH329)
Credits (Min/Max): 3/3

This non-laboratory course provides the background needed to test for increases and decreases in various body enzymes, proteins, electrolytes, cell types, etc. which occur in the body during the disease process. The course deals with the causes of false positives and negatives in various clinical tests. It also provides for basis for interpretation of test results and for indicators of additional testing.

PreRequisites: BL104 - GENERAL BIOLOGY II

BL332
VERTEBRATE EMBRYOLOGY
Credits (Min/Max): 4/4

Topics include gametogenesis, fertilization, cleavage, gastrulation and the early development of organ systems in vertebrates. Lecture and laboratory course.

PreRequisites: BL221 - COMPAR VERTEBRATE ANAT&PHYS I

BL332L
VERTEBRATE EMBRYOLOGY LAB
Credits (Min/Max): 0/0

Laboratory for BL 332: Vertebrate Embryology.

BL336
BIOCHEMISTRY I(CH336)
Credits (Min/Max): 3/3

An introduction to the biochemical metabolism of the living cell. Cellular structure, macromolecules, metabolic pathways, energy transformations, regulatory mechanisms and molecular genetics are discussed.

PreRequisites: CH216 - ORGANIC CHEMISTRY II

BL337
BIOCHEMISTRY:LAB(CH337)
Credits (Min/Max): 1/1

An introduction to current biochemical techniques including thin layer and column and gas chromatography, electrophoresis, spectrophotometry, and DNA technology.

PreRequisites: CH216 - ORGANIC CHEMISTRY II

BL338
BIOCHEMISTRY II(CH338)
Credits (Min/Max): 3/3

A continuation of BL/CH 336. The course covers advanced aspects of macromolecular structure, regulatory enzymes, intermediary metabolism (to include photosynthesis, biological oxidation and the chemosmotic theory, metabolic control mechanisms), signal transduction and hormonal regulation of metabolism, and molecular aspects of the nucleic acids and genetic engineering.

PreRequisites: CH216 - ORGANIC CHEMISTRY II

BL417
BIOSOLVE I
Credits (Min/Max): 4/4

BioSOLVE (Biology Student Operated Laboratory Venture) is based on a business model where students will collaborate as contractors with service-oriented individuals or institutions to perform specific, applied laboratory research services. In addition, students will participate in community service associated with the organization or project to which BioSOLVE is contracted. BioSOLVE is organized as a two-semester course, where BioSOLVE I is analogous to the training period of a new employee in a research laboratory. In this course, students will participate in community service associated with the contracted work, study the role of biologists in providing solutions to community and global problems, study and experience the nature of scientific collaborations, learn the theory behind the relevant laboratory methods, develop proficiency in the laboratory techniques needed to perform the specific contracted work, and learn the skills of complete and accurate note-keeping, data processing and scientific writing.

PreRequisites: BL104 - GENERAL BIOLOGY II

BL417L
BIOSOLVE I-LAB
Credits (Min/Max): 0/0

Laboratory for BL417: BioSOLVE I

BL418
BIOSOLVE II
Credits (Min/Max): 2/2

BioSOLVE (Biology Student Operated Laboratory Venture) is based on a business model where students collaborate as contractors with service-oriented individuals or institutions to perform specific, applied laboratory research services. In addition, students participate in community service associated with the organization or project to which BioSOLVE is contracted. BioSOLVE is organized as a two-semester course, where BioSOLVE I is analogous to the training period of a new employee in a research laboratory and BioSOLVE II mimics the continued work of the trained employee. In BioSOLVE II, students continue to participate in community service associated with the contracted work, study the role of biologists in providing solutions to community and global problems, and study and experience the nature of scientific collaborations begun in BioSOLVE I. However, the major effort of BioSOLVE II will be dedicated to performing the specific contracted laboratory research for which students were trained in BioSOLVE I.

PreRequisites: BL417 - BIOSOLVE I

BL418L
BIOSOLVE II-LAB
Credits (Min/Max): 0/0

Laboratory for BL418: BioSolve II

PreRequisites: BL417 - BIOSOLVE I

BL419
IMMUNOLOGY(CH419)
Credits (Min/Max): 3/3

This course involves the description and development of the immune system, which includes the chemical, molecular, and cellular basis of immune reactions. The genetic and chemical control of the immune response is a recurrent theme of the course. Major topics covered in the course include specific immunities, types of hypersensitivity, autoimmunity, transplantation and rejection and immune disorders and deficiencies.

PreRequisites: BL104 - GENERAL BIOLOGY II

BL419L
IMMUNOLOGY LAB
Credits (Min/Max): 1/1

Lab work for BL419 Immunology.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL420
IMMUNOLOGY LAB PROCEDURES
Credits (Min/Max): 1/1

This course introduces laboratory techniques in immunology.

BL430
MOLECULAR BIOLOGY
Credits (Min/Max): 3/3

Molecular Biology is an introduction to the study of selected biological processes from a molecular perspective. Both eukaryotes and prokaryotes will be included. The molecular basis of the biosynthesis of macromolecules, intercellular and intracellular communication, genetics, immunology, infectious diseases and cancer will be discussed.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL431
MOLECULAR BIOLOGY-LAB
Credits (Min/Max): 1/1

Molecular Biology Laboratory is an introduction to current molecular biology techniques including DNA and RNA extraction from cells, recombinant DNA cloning, electrophoresis and nucleic acid hybridizations (Southern blots and Northern blots), polymerase chain reaction and DNA sequencing. A project-based approach will be used. Both eukaryotes and prokaryotes will be studied.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL451
BIOLOGY INTERNSHIP
Credits (Min/Max): 1/4

A field experience in which the student works under the direction of a professional in an area related to biology. The student must select a faculty member from the Division of Sciences to serve as the academic supervisor. Students are required to complete 45 hours of field/academic work for each credit hour. The academic supervisor will determine the proportion of fieldwork and academic work requirements. A maximum of 4 credit hours may be used as biology elective credit.

BL452
BIOLOGY INTERNSHIP II
Credits (Min/Max): 1/3

A field experience in which the student works under the direction of a professional in an area related to biology. The student must select a faculty member from the Division of Sciences to serve as the academic supervisor. Students are required to complete 45 hours of field/academic work for each credit hour. The academic supervisor will determine the proportion of fieldwork and academic work requirements. A maximum of 4 credit hours may be used as biology elective credit.

BL455
SEMINAR: BIOLOGY
Credits (Min/Max): 1/1

The course consists of meetings for discussion of special topics selected from various areas of scientific investigation of recent or historical origin. Reports are given on results of literature studies.

PreRequisites: BL103 - GENERAL BIOLOGY I

BL456
RESEARCH IN BIOLOGY
Credits (Min/Max): 1/4

An individual investigation in the student's field of interest carried out under the supervision of a faculty member in the Division of Sciences. The student is responsible for defining a problem, planning a course of investigation and reporting his/her results in a scientific paper. A maximum of 4 credit hours may be used as biology elective credit.

BL457
BIOLOGY INDEPENDENT STUDY
Credits (Min/Max): 1/4

This course is designed to allow students to pursue advanced topics in biology or to study an area of biology in more depth. A member of the Division of Sciences must serve as the mentor for the study, and will, together with the student, outline a course of study. Regularly scheduled biology courses may not be taken as Independent Study. A maximum of 4 credit hours may be used as biology elective credit.

BL459
BIOLOGY/CHEMISTRY SEMINAR II
Credits (Min/Max): 1/1

The course consists of meetings for discussion of special topics selected from various areas of scientific investigation of recent or historical origin. Reports are given on results of literature studies.

CH101
GENERAL CHEMISTRY I
Credits (Min/Max): 3/3

A study of the basic principles governing matter, energy and matter-energy interaction. Topics include atomic structure, bonding theory, aggregated states of matter, stoichiometry, thermodynamics, chemical kinetics, chemical equilibrium and electrochemistry.

CH101R
GENERAL CHEMISTRY I-RECITATION
Credits (Min/Max): 0/0

Required Recitation for CH 101

CH102
GENERAL CHEMISTRY II
Credits (Min/Max): 3/3

A study of the basic principles governing matter, energy and matter-energy interaction. Topics include atomic structure, bonding theory, aggregated states of matter, stoichiometry, thermodynamics, chemical kinetics, chemical equilibrium and electrochemistry.

PreRequisites: CH101 - GENERAL CHEMISTRY I

CH102R
GENERAL CHEMISTRY II-RECITATION
Credits (Min/Max): 0/0

Required Recitation for CH 102

CH103
GENERAL CHEMISTRY I-LAB
Credits (Min/Max): 1/1

A series of experiments related to the content of CH 101 emphasizing laboratory techniques and familiarization with basic laboratory equipment. Open to all science majors and non-science majors with a strong interest in chemistry or a professional need.

CH104
GENERAL CHEMISTRY II-LAB
Credits (Min/Max): 1/1

A series of experiments related to the content of CH 102, emphasizing laboratory techniques and familiarization with basic laboratory equipment. Open to all science majors and non-science majors with a strong interest in chemistry or a professional need.

PreRequisites: CH103 - CHEMISTRY LAB I

CH107
PRINCIPLES OF CHEM I(SELSCI-008)
Credits (Min/Max): 3/3

An introduction to the basic principles of general, organic and biochemistry. The principles are related to living systems including the properties and metabolism of proteins, carbohydrates, lipids and nucleic acids. Lecture and laboratory course. Cross-listed with SELSCI-008

CH107PA
PRINCIPALS OF CHEMISTRY FOR PHYSICIAN ASSISTANTS
Credits (Min/Max): 1/1

An introduction to the basic principles of general, organic and biochemistry. The principles are related to living systems including the properties and metabolism of proteins, carbohydrates, lipids and nucleic acids. This section will pay particular attention to applications in the field of health science.

CH108
PRINCIPLES OF CHEM I-LAB
Credits (Min/Max): 1/1

Laboratory course to accompany CH 107 Principles of Chemistry I.

CH110
BRAVING THE ELEMENTS
Credits (Min/Max): 3/3

This course, designed especially for the non-science major, explores the fundamental aspects of chemistry in a variety of familiar and often newsworthy contexts. Applications to environmental problems, drug design, plastics and polymers, and alternative energy sources are some of the facets of this important science. A variety of activities will allow students to investigate chemical phenomena. No prior knowledge of chemistry is expected.

CH117
PRINCIPLES/CHEMISTRY II
Credits (Min/Max): 3/3

This course provides an introductory survey of biochemistry, along with biomedical applications. Important biomolecules such as hemoglobin will be discussed, with an emphasis on correlating structure with function. A discussion of intermediary metabolism follows, including an introduction to inborn errors of metabolism. The course concludes with a discussion of molecular including potential biomedical application.

PreRequisites: CH107 - PRINCIPLES OF CHEMISTRY

CH118
PRINCIPLES/CHEMISTRY II-LAB
Credits (Min/Max): 1/1

Laboratory course to accompany CH117 Principles of Chemistry II.

PreRequisites: CH108 - PRINCIPLES OF CHEMISTRY LAB

CH213
INTRO TO RESEARCH IN CHEMISTRY
Credits (Min/Max): 1/4

This course provides an opportunity for a student to gain a high degree of proficiency with a particular laboratory procedure or instrument. The student will learn to optimize experimental parameters, refine existing laboratory procedures, and/or develop new applications. A maximum of 4 credit hours may be used as chemistry electives.

CH215
ORGANIC CHEMISTRY I
Credits (Min/Max): 3/3

A study of the classification and characterization of organic compounds, their preparation, properties and reactions. The application of modern organic theories to these subjects is stressed. Topics include nomenclature, bond theory, stereochemistry, synthesis, mechanisms, and structure determination by instrumental methods. Lecture and laboratory course.

PreRequisites: CH102 - GENERAL CHEMISTRY II

CH215L
ORGANIC CHEMISTRY I-LAB
Credits (Min/Max): 1/1

CH216
ORGANIC CHEMISTRY II
Credits (Min/Max): 3/3

A study of the classification and characterization of organic compounds, their preparation, properties and reactions. The application of modern organic theories to these subjects is stressed. Topics include nomenclature, bond theory, stereochemistry, synthesis, mechanisms, and structure determination by instrumental methods. Lecture and laboratory course.

PreRequisites: CH215 - ORGANIC CHEMISTRY I

CH216L
ORGANIC CHEMISTRY II-LAB
Credits (Min/Max): 1/1

A study of the classification and characterization of organic compounds, their preparation, properties and reactions. The application of modern organic theories to these subjects is stressed. Topics include nomenclature, bond theory, stereochemistry, synthesis, mechanisms, and structure determination by instrumental methods. Lecture and laboratory course.

PreRequisites: CH215 - ORGANIC CHEMISTRY I

CH311
ANALYTICAL CHEMISTRY I
Credits (Min/Max): 4/4

A study of the application of theoretical principles to quantitative analysis. The concept of chemical equilibrium is thoroughly discussed. Current analytical techniques are presented both in lecture and laboratory. Topics include the theory and practice of gravimetric analysis, volumetric analysis, spectrophotometric analysis and gas chromatography. Lecture and laboratory course.

PreRequisites: CH102 - GENERAL CHEMISTRY II

CH311L
ANALYTICAL CHEMISTRY I-LAB
Credits (Min/Max): 0/0

Laboratory for CH 311

CH312
ANALYTICAL CHEMISTRY II: INSTRUMENTAL METHODS OF ANALYSIS
Credits (Min/Max): 4/4

The fundamental principles and instrumentation used in optical spectroscopy, chromatography, nuclear magnetic resonance spectrometry, mass spectrometry, and electroanalytical chemistry are explored. Practical aspects such as data acquisition and analysis, operating characteristics, sensitivity and selectivity of instrumentation used by physical and biological scientists are examined. Lecture and laboratory course.

PreRequisites: CH311 - ANALYTICAL CHEMISTRY I

CH312L
ANALYTICAL CHEMISTRY II-LAB
Credits (Min/Max): 0/0

Laboratory for CH 312: Analytical Chemistry II.

PreRequisites: CH311L - ANALYTICAL CHEMISTRY I-LAB

CH315
POLYMER CHEMISTRY
Credits (Min/Max): 3/3

A lecture course designed as an introduction to the field of polymer science from its origins to its place in current chemical research. Content will include the synthesis and physical chemistry of the important polymer types, key concepts of macromolecular science, and the role of the journal and patent literature in polymer related research and engineering.

PreRequisites: CH216 - ORGANIC CHEMISTRY II

CH324
ENVIRONMENTAL CHEMISTRY
Credits (Min/Max): 3/3

Environmental chemistry is a study of the principles of chemistry as applied to evaluating, understanding, modeling, predicting, and assisting in the correction of adverse anthropologic environmental interactions. Aspects to be considered include sources, reactions, transport, effects and fates of selected chemical species in various environmental media (water, oil, air, etc.) and the effects of both natural and anthropologic interactions.

CH326
INORGANIC CHEMISTRY
Credits (Min/Max): 3/3

This course addresses structure and bonding in inorganic compounds, with an emphasis on the transition metals. It includes an introduction to group theory and related symmetry studies. The spectroscopy of inorganic compounds is also explored. A discussion of semiconductors is included.

Prerequisites: CH102 - GENERAL CHEMISTRY II

CH328
CHEMSOLVE:SPECIAL TOPICS
Credits (Min/Max): 0/0

A collection of courses covering a broad range of subjects of special interest. Topics may include: computer applications, environmental topics, ecological applications, optics, photochemistry and photophysics, laboratory instrumentation, and other topics as needed.

CH328A
THE PRACTICE OF CHEMISTRY: SPECIAL TOPICS IN CHEMISTRY
Credits (Min/Max): 1/1

A collection of courses covering a broad range of subjects of special interest. Topics may include: computer applications, environmental topics, ecological applications, optics, photochemistry and photophysics, laboratory instrumentation, and other topics as needed.

Prerequisites: CH215 - ORGANIC CHEMISTRY I

CH328H
SPECIAL TOPICS(BL328H)
Credits (Min/Max): 3/3

This special topics course is an examination of how microbes cause disease, particularly in humans. The course focuses on the basic principles of pathogenesis and provides examples of the disease process caused by certain bacteria, viruses, fungi and protozoa.

CH329
CLINICAL SCIENCE(BL329)
Credits (Min/Max): 3/3

This non-laboratory course provides the background needed to test for increases and decreases in various body enzymes, proteins, electrolytes, cell types, etc. which occur in the body during the disease process. The course deals with the causes of false positives and negatives in various clinical tests. It also provides for basis of interpretation of test results and for indicators of additional testing.

Prerequisites: BL104 - GENERAL BIOLOGY II

CH336
BIOCHEMISTRY I(BL336)
Credits (Min/Max): 3/3

An introduction to the biochemical metabolism of the living cell. Cellular structure, macromolecules, metabolic pathways, energy transformations, regulatory mechanisms and molecular genetics are discussed.

Prerequisites: CH216 - ORGANIC CHEMISTRY II

CH337
BIOCHEMISTRY-LAB(BL337)
Credits (Min/Max): 1/1

An introduction to current biochemical techniques including thin layer and column and gas chromatography, electrophoresis, spectrophotometry, and DNA technology.

Prerequisites: CH216 - ORGANIC CHEMISTRY II

CH338
BIOCHEMISTRY II(BL338)
Credits (Min/Max): 3/3

An introduction to current biochemical techniques including thin layer and column and gas chromatography, electrophoresis, spectrophotometry, and DNA technology.

PreRequisites: CH336 - BIOCHEMISTRY(BL336)

CH345
ORGANIC STRUCTURAL SPECTROSCOPY
Credits (Min/Max): 3/3

This course investigates the combined use of nuclear magnetic resonance, Infrared, ultraviolet-visible, and mass spectrometry for the structure determination of unknown organic compounds. Various spectral acquisition techniques will be discussed in the lecture portion and attempted in the lab portion of the course, with emphasis placed on the proper interpretation of correctly acquired spectral data.

PreRequisites: CH216 - ORGANIC CHEMISTRY II

CH419
IMMUNOLOGY(BL419)
Credits (Min/Max): 3/3

This course involves the description and development of the immune system, which includes the chemical, molecular, and cellular basis of immune reactions. The genetic and chemical control of the immune response is a recurrent theme of the course. Major topics covered in the course include specific immunities, types of hypersensitivity, autoimmunity, transplantation and rejection and immune disorders and deficiencies.

CH420
IMMUNOLOGY LAB PROCEDURES(BL420)
Credits (Min/Max): 1/1

This course introduces laboratory techniques in immunology.

CH432
PHYSICAL CHEMISTRY I
Credits (Min/Max): 4/4

A study of the physical properties of matter, the structure of matter and the theories of chemical interactions. Topics include ideal and real gases, liquids, solids, thermodynamics, chemical equilibria, phase equilibria, chemical kinetics, quantum mechanics, atomic and molecular structure and spectroscopic methods. Lecture and laboratory course.

PreRequisites: CH102 - GENERAL CHEMISTRY II

CH432L
PHYSICAL CHEMISTRY I-LAB
Credits (Min/Max): 0/0

Laboratory for CH 432

CH433
PHYSICAL CHEMISTRY II
Credits (Min/Max): 4/4

A study of the physical properties of matter, the structure of matter and the theories of chemical interactions. Topics include ideal and real gases, liquids, solids, thermodynamics, chemical equilibria, phase equilibria, chemical kinetics, quantum mechanics, atomic and molecular structure and spectroscopic methods. Lecture and laboratory course.

PreRequisites: CH432 - PHYSICAL CHEMISTRY I

CH433L
PHYSICAL CHEMISTRY II-LAB
Credits (Min/Max): 0/0

Laboratory for CH 433

PreRequisites: CH432L - PHYSICAL CHEMISTRY I LAB

CH451
CHEMISTRY INTERNSHIP I
Credits (Min/Max): 1/4

A field experience in which the student works under the direction of a professional in an area related to chemistry. The student must select a faculty member from the Division of Sciences to serve as the academic supervisor. Students are required to complete 45 hours of field/academic work for each credit. The academic supervisor will determine the proportion of fieldwork and academic work requirements. A maximum of 4 credit hours may be used as chemistry electives.

CH455
SEMINAR:CHEMISTRY
Credits (Min/Max): 1/1

The course consists of meetings for discussion of special topics selected from various areas of scientific investigation of recent or historical origin. Reports are given on results of literature studies. One hour per week.

CH456
RESEARCH IN CHEMISTRY
Credits (Min/Max): 1/4

A research project designed to explore an unanswered question and to contribute to the existing body of knowledge in the field. The student will plan and carry out the project with the assistance of a faculty supervisor. A maximum of 4 credit hours may be used as chemistry elective credit.

CH457
INDEPENDENT STUDY
Credits (Min/Max): 0/4

This course is designed to allow students to study advanced topics in chemistry. A member of the chemistry department must serve as the mentor for the study and will, together with the student, outline a course of study. Regularly scheduled chemistry courses may not be taken as Independent Study. A maximum of 4 credit hours may be used as chemistry elective credit.

CH459
CHEMISTRY/BIOLOGY SEMINAR II
Credits (Min/Max): 1/1

The course consists of meetings for discussion of special topics selected from various areas of scientific investigation of recent or historical origin. Reports are given on results of literature studies. One hour per week.

CH460
FORENSIC CHEMISTRY
Credits (Min/Max): 4/4

This course focuses on the use of analytical instrumentation to examine materials related to criminal and other investigations. Methods of analyzing trace metals, accelerants, explosives, drugs, alcohol, and other toxic materials will be presented. Sample preparation and analysis according to currently accepted methods will be included. The course will include both a lecture and a laboratory component.

PreRequisites: CH311 - ANALYTICAL CHEMISTRY I

CH460L
FORENSIC CHEMISTRY-LAB
Credits (Min/Max): 0/0

Laboratory for CH460

COM101
INTRO TO COMMUNICATION (SELSOC-008)
Credits (Min/Max): 3/3

In this course the student examines human, verbal, non-verbal and visual communication. Through an interactive classroom the student will combine the theory and definitions of the text with their experience to clarify and understand the concepts that make up human communication. In the classroom, writing, making presentations, working in groups, solving problems and applying creativity to the concepts of communication will be some of the ways the students learn and reinforce the subject matter. Written papers, research and computer-mediated-communication further reinforce the concepts of the course and serve as a means of evaluation of the student's understanding and absorption of the material. Cross-listed with SELSOC-008

COM102
INTRO TO MASS COMMUNICATION
Credits (Min/Max): 3/3

The subject matter of this course is the history and development of mass communication. The course will include examining the origin, economics, technology, mode of communication, communication effectiveness, social role and future of a variety of communication media including: newspapers, magazines, books, radio, television, film and computer-mediated-communication.

PreRequisites: COM101 - INTRODUCTION TO COMMUNICATION

COM201
INTRO TO ORGANIZATIONAL COMM
Credits (Min/Max): 3/3

This course provides an overview of the interaction of structure, culture, technology, and communication in organizations. Classes will focus on case studies of the structures and culture of new technology organizations and the dynamic encountered when new technology meets old economy culture. Within this course the student will also practice specific communication skills such as preparation for job interviews, performance appraisals, professional presentations, and negotiation.

COM203
INTERCULTURAL COMMUNICATION
Credits (Min/Max): 3/3

This course begins with a focus study on communication factors which affect any cross-cultural interpersonal interaction. The students then survey specific differences between U.S. cultural customs and those of countries presently involved in La Roche's Pacem In Terris Institute. Finally, the role of the media in intercultural relations is discussed. Cross-listed with IS 203

Prerequisites: COM101 - INTRODUCTION TO COMMUNICATION

COM204
FUND OF COMM FOR DESIGN PROFESS
Credits (Min/Max): 3/3

The goal of this course is to introduce graphic design majors to career-relevant theories and practices of interpersonal and related mediated communication. Emphasis will be on designer-client and creative-team communication. Course content will include basic communication theory, the roles of non-verbal communication and language in professional communication, building professional relationships, teamwork and brainstorming, conflict management strategies, and cultural influences in design concepts and process. Students will integrate these concepts through class projects, which include writing, speaking, problem-solving and presentations.

COM205
COMMUNICATION THEORY & RESEARCH
Credits (Min/Max): 3/3

Communications research is an integral part of all types of mass communications endeavors. Much of what is eventually produced for mass consumption is at least somewhat the product of research. Students will learn how to read and understand communications research of various types including surveys and content analyses. The class will also participate in designing and conducting communications research.

Prerequisites: COM101 - INTRODUCTION TO COMMUNICATION

COM250
DIRECTED STUDY(GCD/ID250)
Credits (Min/Max): 1/3

This directed study opportunity meets the needs of students who require individual help with specific aspects of their major that cannot be sufficiently addressed by an existing course.

COM301
CRITICAL EVAL OF MASS COMM
Credits (Min/Max): 3/3

This course includes the study of mass media and the institutions of mass communication with the goal of providing students with the appropriate information with which to make informed and rational critical evaluations. Popular media such as radio, television, newspapers, magazines, Internet and film are examined.

Prerequisites: COM101 - INTRODUCTION TO COMMUNICATION

COM302
EMERGING TECHNOLOGIES IN COMM
Credits (Min/Max): 3/3

This course deals with the evolution of technology and the use of communications technology for business, entertainment and information. Through readings, discussion, group work and hands-on experience the class examines the social, cultural and economic aspects of communication technology.

Prerequisites: COM101 - INTRODUCTION TO COMMUNICATION

COM305
MESSAGE DESIGN IN MASS COMMUNICA
Credits (Min/Max): 3/3

This course is a broad examination of mass media as message design with an emphasis on understanding the visual, aural and contextual aspects of a variety of communications media such as: film, video, print media, outdoor advertising and web pages. Elements of control in message design, as well as conceptual frameworks in popular culture, will be addressed from still and moving images, to sound, color, texture and text. Message Design will prepare students entering fields of media production to understand the inherent meaning of every element of mass media construction.

Prerequisites: COM101 - INTRODUCTION TO COMMUNICATION

COM329
SOCIAL PSYCHOLOGY(PSY/SOC329)
Credits (Min/Max): 3/3

Social psychology is the study of human behavior as it is shaped by the psychosocial environment. Topics include person perception, small group interaction, theories and methods of attitude change, interpersonal attraction, conformity, aggression, prejudice, persuasion, altruism and prosocial behavior.

PreRequisites: PSY121 - INTRO TO PSYCHOLOGY

COM400
DIRECTED PROFESSIONAL EXPERIENCE (GCD/ID400)
Credits (Min/Max): 1/3

This study option provides a structured opportunity for one or more students to work on a professional project under the direction of a faculty member who assumes the role of project manager.

COM401
LEGAL ISSUES IN MASS COMMUNICA
Credits (Min/Max): 3/3

This course will examine the of laws and rules affecting various types of mass communication industries in the United States, i.e., broadcasting, cable communication, the Internet, advertising and journalism. The roles of the public, political leaders, research groups, the Federal Communication Commission (FCC), the Federal Trade Commission (FTC), the First Amendment and the Supreme Court will be examined.

PreRequisites: COM101 - INTRODUCTION TO COMMUNICATION

COM402
BROADCAST MEDIA
Credits (Min/Max): 3/3

This course overviews the television, radio and cable television industries and the economic, regulatory, technological and legal forces on them. The course also deals with aspects of production in television, radio and cable programming such as newscasts, interviews, advertising, entertainment and public service programming.

PreRequisites: COM302 - EMERGING TECHNOLOGIES IN COMM

COM440
BROADCAST NEWS MEDIA
Credits (Min/Max): 3/3

This course is an overview of television news and the role it plays in society. The course will look at the skills necessary for making a new production successful. It will also examine how a production is structured - maintaining that delicate balancing act of substance versus style.

PreRequisites: COM101 - INTRODUCTION TO COMMUNICATION

COM450
SENIOR FOCUS PROJECT
Credits (Min/Max): 3/6

As a part of each Communication, Media, and Technology student's program, they are required to design and complete a focus project in the specific area of their choice. Similar to a Senior Thesis, the focus project should be a capstone for study in Communication, Media, and Technology and bring multiple elements together into a substantial research and/or production project. Individual project design requires faculty approval. Successful evaluation includes the participation of a local professional in the student's chosen area.

COM451
COMMUNICATION INTERNSHIP I
Credits (Min/Max): 1/6

A practical work experience in a field setting which deals with communication. The student is given the opportunity to integrate his/her theoretical and practical knowledge under the supervision of professionals in the field of communication. This internship must be taken in the student's track specialization.

COM452
COMMUNICATION INTERNSHIP II
Credits (Min/Max): 1/6

A practical work experience in a field setting which deals with communication. The student is given the opportunity to integrate his/her theoretical and practical knowledge under the supervision of professionals in the field of communication. This internship must be taken in the student's track specialization.

COM455
SENIOR SEMINAR
Credits (Min/Max): 3/3

An open-ended senior seminar dealing with various aesthetic questions and team efforts in which students act as art director, designer, illustrator, writer, or photographer. Emphasis is placed on educational experiences that enable the student to move from hypothetical design problems to the challenge of working with clients on real jobs. Communication Design majors play a significant role on creative teams.

COMM4003
MAKING COMMUNITY IN ANTEBELLUM AMERICA
Credits (Min/Max): 3/3

In this course, we will study the emergence and development of a variety of local and regional communities in the period before the American Civil War. We will examine Native American prophetic and Christian revivalist congregations such as Prophetstown, Mashpee, Brothertown, and the Cherokee Nation; New England Transcendentalist and other perfectionist collectives such as Brook Farm and Thoreaus Walden; and womens reform societies affiliated with the Indian rights and abolitionist movements. By exploring such communities during a period of rapid change and social conflict in the United States, we will gain an appreciation for the diverse forms community may take, the relationships between individuals and communities (and between communities and the nation-state), the function of invented communities as means of addressing individual needs and contesting social inequities, and the ways in which literary texts represent, idealize, and critique these communities-in-the-making.

COMM4009
MEDIA & DEMOCRACY
Credits (Min/Max): 3/3

The concept of community, including individual responsibilities, will be the centerpiece of this course as democracy is ultimately the recognition of individual rights as well as commitment to the intrinsic equality of everyone in a community. Understanding current events, the evolving news process, and critical media concepts such as agenda setting and institutional bias will be an important part of the class. In learning the history and development of both democracy and media, we will examine and debate significant issues and their impact through primary documents such as Supreme Court decisions, the Constitution, FCC orders and regulations, and the commentary and analysis on each.

COMM4013
RULE OF LAW
Credits (Min/Max): 3/3

This course, through the integration of legal, historical and political concepts, introduces students to the rule of law one of the current governing principles of Western civilization and the historical foundation of that civilizations rights and liberties and its role in the American community. By using the rule of law as a guiding principle, this course insures that students develop a perspective on the community and its relationship to the individual that includes an historical knowledge of both the American and international legal systems, the political and social reasons for making a commitment to be governed by the rule of law, and an understanding of law as an essential pillar of American and Global Communities. Students will be introduced to the sometimes conflicting rights and duties of individuals and communities through an examination of selected appellate court cases, which will demonstrate the difficulty in resolving societal issues involving conflict between individuals and communities.

PreRequisites: EN112 - COLLEGE WRITING:EXPOSITION II

COMM4019
GALAPAGOS ISLANDS COMMUNITIES
Credits (Min/Max): 3/3

Communities are not just about people. A biological community refers to all populations of all species occupying a specified area. This course will examine the communities (human and non-human) of one of the most unique ecosystems on Earth: the Galapagos Islands. Participants will be able to observe, first hand, the diversity of wildlife and environmental conditions that gave rise to Darwin's theory of evolution by natural selection. The course will promote, through experiential learning, an understanding of the impact of human activity on the rest of the natural world and the interdependence among all living things.

COMM4021
LAND & COMMUNITY IN NATIVE AMERICA
Credits (Min/Max): 3/3

Since the arrival of Columbus, Native American and Euro-American communities have struggled over the meaning, value, and use of the land. In this course, we will study the origins of these conflicts, the differing beliefs about the land held by Native and Euro-American peoples, and the ways in which Native and Euro-American communities have affected and adapted to each other. The course utilizes the life and writings of conservationist Aldo Leopold, famous for his essay "The Land Ethic" (1949), as a lens through which to examine these issues.

COMM4021H
LAND & COMMUNITY IN NATIVE AMERICA
Credits (Min/Max): 3/3

Since the arrival of Columbus, Native American and Euro-American communities have struggled over the meaning, value, and use of the land. In this course, we will study the origins of these conflicts, the differing beliefs about the land held by Native and Euro-American peoples, and the ways in which Native and Euro-American communities have affected and adapted to each other. The course utilizes the life and writings of conservationist Aldo Leopold, famous for his essay "The Land Ethic" (1949), as a lens through which to examine these issues. Historical records, from treaties to sacred stories to philosophical reflections, will be studied in depth.

CRIM100
CSI: LA ROCHE
Credits (Min/Max): 3/3

This course is a 6-day forensic event for students interested in crime scene investigations and the scientific analysis of trace evidence. Participants will investigate simulated crime scenes, analyze the evidence, solve the mock crime, and present their evidence at a mock trial. Students will be exposed to the theories underlying the analysis as well as direct hands-on experience with investigative procedures. Participants will also work directly with state-of-the-art spectroscopy, chromatography, and DNA profiling instruments and equipment. This course is designed for high school juniors and seniors or college freshman interested in biology, chemistry and criminal justice.

CRIM101
INTRODUCTION TO CRIMINAL JUSTICE
Credits (Min/Max): 3/3

This introductory course will introduce criminal justice as a system that is an institutional agent of American society. The components of police, courts, and corrections are discussed with the goal of defining their function and purpose and interdependence on one another. The patterns of crime and the processes of the American Criminal Justice System, law enforcement, judicial process, and corrections will be examined. Students will learn the terminology of the field, examine the methods of inquiry used in the field, and learn the objectives, policies and procedures of probation, parole, and prisons as well as some of the issues and problems.

CRIM205
CONSTITUTIONAL LAW(PS205)
Credits (Min/Max): 3/3

This course will explore the difficulty in interpreting the meaning of constitutional language. The interpretive role of the U.S. Supreme Court will be studied through an examination of landmark constitutional decisions. The major schools of thought that guide interpretation will also be studied. Cross-listed with PS 205

Prerequisites: EN112 - COLLEGE WRITING: EXPOSITION II

CRIM210
INTRODUCTION TO CORRECTIONS
Credits (Min/Max): 3/3

The evolution of corrections from punishment to rehabilitation is examined with a look at the fundamental beginnings of the penitentiary to modern day institutions with civil and legal rights. This course also examines the purpose and evolution of corrections as an agent of punishment including the death penalty and its history in relation to society. The foremost groups involved in corrections from the Quakers and early Christians to modern groups will be reviewed. The development of probation and parole as alternatives to incarceration will also be examined.

Prerequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM211
INTELLIGENCE ANALYSIS & PRESENTATION TECHNIQUES(NSC211)
Credits (Min/Max): 3/3

This course examines the process used by analysts to develop strategic intelligence. Students will participate throughout the course as a member of a group tasked to complete an estimative project. Students will learn to apply strategic theory to critical national security problems. Cross-listed with NSC 211

CRIM212
ANALYSIS OF CRIM JUSTICE DATA
Credits (Min/Max): 3/3

This course is primarily concerned with the ways and means of understanding drawing conclusions from criminal justice data. Students will learn to develop, use and evaluate studies of criminal justice data, and use their work to evaluate the effectiveness of criminal justice activities. Covered will be policy implications of various law enforcement techniques vis-a-vis their effectiveness in both short and long term. Students will work with and critique published criminological research and explore the use of data of a more local nature.

Prerequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM216
POLICE & SOCIETY(SOC216)
Credits (Min/Max): 3/3

This course reviews current issues and problems in law enforcement and interrelations with the society-at-large and cultural/ethnic sub-groups. It examines informal exercise of police authority or force, governmental/agency policies, legal requirements, role demands and conflicts experienced by police officers, and the norms of the police sub-culture.

CRIM218
PROFESSIONAL RESPONSIBILITY: LEGAL & ETHICAL CONCEPTS
Credits (Min/Max): 3/3

This course examines the existent standards, codes, and laws pertaining to the legal and ethical conduct required of professionals working in the criminal justice and national security fields. Theoretical concepts will be explored, but the course will focus on the application of legal and ethical constructs to the everyday behavior of justice system professionals.

PreRequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM230
JUVENILE DELINQUENCY(SOC230)
Credits (Min/Max): 3/3

This course will offer an analysis of Juvenile Delinquency and the juvenile justice system. It will examine the theories of the causes of juvenile crime and the processes of the juvenile justice system. Cross-listed with SOC 230

PreRequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM310
CRIMINAL LAW
Credits (Min/Max): 3/3

The basic principles of substantive criminal law will be illustrated. Concepts and patterns of criminal law and procedure will be discussed. The elements of specific crimes will be analyzed through case study. Public policy and the legal principles for determining criminal and civil liability will be considered.

PreRequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM311
RESEARCH METHODS FOR JUSTICE, LAW & SECURITY
Credits (Min/Max): 3/3

An Introduction to research techniques. Students will learn to form research questions, to select and carry out appropriate research strategies, and to present findings in a logical, clear and concise way.

CRIM320C
ADVANCED INVESTIGATION TECHNIQUES:SPECIAL TOPICS
Credits (Min/Max): 3/3

A collection of selected topics in the field of criminal justice. These will be topics of special interest to practitioners in this field. Possible topics include: Advanced Investigations, Crime Scene Photography, Forensic Accounting and White Collar Crime Correction, as well as other topics of special interest.

PreRequisites: CRIM345 - CRIMINAL INVESTIGATION

CRIM320D
ADVANCED CRIME SCENE PHOTOGRAPHY :SPECIAL TOPICS
Credits (Min/Max): 3/3

A collection of selected topics in the field of criminal justice. These will be topics of special interest to practitioners in this field. Possible topics include: Advanced Investigations, Crime Scene Photography, Forensic Accounting and White Collar Crime Correction, as well as other topics of special interest.

CRIM320E
VIOLENT OFFENDERS & PRISON COUNSELING TECHNIQUES
Credits (Min/Max): 3/3

A collection of selected topics in the field of criminal justice. These will be topics of special interest to practitioners in this field. Possible topics include: Advanced Investigations, Crime Scene Photography, Forensic Accounting and White Collar Crime Correction, as well as other topics of special interest.

CRIM330
THEORIES OF CRIMINAL DEVIANCE (SOC330)
Credits (Min/Max): 3/3

An examination of the etiology and major theories of criminality, with special reference to the neoclassical, routine activity, and psychosocial theories of deviance. This course will examine criminal deviance by analyzing both criminal and victim populations, with particular emphasis on crime typology and the analysis of criminal behavior. The responses of the Criminal Justice System and private security experts to criminal behavior from situational crime prevention techniques to correctional treatment methods are explored and discussed.

CRIM332
COMMUNITY CORRECTIONS
Credits (Min/Max): 3/3

This course is a study of intermediate punishments conducted in a community environment as alternatives to incarceration. It will examine alternatives to incarceration by means of community-based adult and juvenile programs. Mission, structure and operation of probation and parole agencies as well as the role of the courts and prosecutors are examined. The probation, parole and pardon options are also reviewed. Other options will be examined, including work release programs, halfway houses, pre-release, and restitution-based programs.

PreRequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM334
ENTERPRISE & TRANSNATIONAL CRIME
Credits (Min/Max): 3/3

The course addresses organized crime in the United States and internationally. It presents organized crime as criminal business ventures that meet the demand of its consumer base and/or engages in activities that provide profits both legal and illicit into the organization. International crime is introduced, demonstrating how organized crime networks transcend national borders, and how individual criminals have learned to use the ease of travel and identity falsification to operate in or conceal themselves from national law enforcement. Law enforcement strategies and their effectiveness are covered.

PreRequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM336
TERRORISM
Credits (Min/Max): 3/3

This course addresses the historical and current-day development and spread of terrorism. The class investigates the goals of terrorism and the social, political and ideological reasons for the use of terrorism. Counter-terrorist activities and preventive measures are explored. The class will also address the case of serial killers and those who commit acts of violence that may claim many killed or injured. These acts may be used by organized terrorists or by criminals with a personal agenda. The course will address law enforcement responses to incidents of terrorism or mass murder.

CRIM340
CRIME SCENE INVESTIGATION & FORENSICS
Credits (Min/Max): 3/3

Basic Procedures in the investigation of a crime scene. Emphasis will be on the detection of evidence and preservation of that evidence at the crime scene. Theories of information, observation and interrogation, will be discussed. The ethics of investigative procedures and the methods of obtaining evidence will be emphasized. Forensic analysis techniques will be studied.

PreRequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM341
CRIMINALISTICS
Credits (Min/Max): 4/4

A comprehensive examination of the application of science to the physical evidence of a crime. Crime scene processing procedures will be linked to the laboratory analysis of physical evidence. The course will also include training in scientific report writing and courtroom testimony, to include a moot court exercise.

PreRequisites: BL103 - GENERAL BIOLOGY I

CRIM341L
CRIMINALISTICS-LAB
Credits (Min/Max): 0/0

A comprehensive examination of the application of science to the physical evidence of a crime. Crime scene processing procedures will be linked to the laboratory analysis of physical evidence. The course will also include training in scientific report writing and courtroom testimony, to include a moot court exercise.

CRIM342
APPLIED CRIMINOLOGY
Credits (Min/Max): 3/3

This course is designed to examine crime and offender typologies and the investigative and legal methods that can be applied to prevent, resolve, or solve crimes committed by career offenders. An overview of the major theories of crime causation is furnished. An emphasis is placed on choice theory, routine activities theory, routine activities theory and their applied model-situational crime prevention. The topics of crisis negotiation, interpersonal conflict resolution, crime prevention, and informant development are explored and practical exercises are employed to enhance student understanding.

CRIM343
COMPUTER CRIME
Credits (Min/Max): 3/3

A comprehensive examination of computer crime, information systems security and cyber law. The investigative process as applied to the cyber criminal will be emphasized. Statutes specific to cyber crime will be studied. Crime prevention strategies and techniques will be presented and applied using the case study method.

CRIM345
CRIMINAL INVESTIGATION
Credits (Min/Max): 3/3

This course covers the fundamentals of criminal investigation, including the essentials of securing a crime scene, modus operandi of perpetrators, sources of information, principles of careful observation and recording, follow-up and case preparation. Basic elements of the interviewing process and interrogation are covered. The need for careful observation, cultivating various sources of information and proper investigator response are addressed.

Prerequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM346
SECURITY MANAGEMENT & LOSS PREVENTION
Credits (Min/Max): 3/3

This course features an overview of public and private security, including history of private security and asset protection, the role of security in American society, and current industry practices. The course covers the security role in industry, business and government and includes loss prevention, control and risk management. The legal foundations of private security are covered, as is interaction with government law enforcement. Specialization and career opportunities are discussed.

Prerequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM348
COURTS & SOCIAL POLICY(SOC348)
Credits (Min/Max): 3/3

An analysis of the interrelationship between law and society is presented. The functions, methods and theories of legal systems are covered. An assessment of the determinants and consequences of legal decisions is also presented.

CRIM350
CONTEMPORARY CORRECTIONS: THEORIES & PRACTICE
Credits (Min/Max): 3/3

Examines contemporary American correctional policies, and their relationship to the American criminal justice system. The nature of correctional institutions, correctional processes and policies will be presented. Current theories, trends and practices in the treatment of offenders, alternatives to traditional modes of incarceration, and problems and innovations in correctional administration will be discussed. Theories of correctional institutions as centers of rehabilitation or punishment will be examined along with public influences on correctional practices and policy development.

Prerequisites: CRIM210 - HISTORY OF CORRECTIONS

CRIM352
ADMINISTRATION OF CRIMINAL JUSTICE ORGANIZATIONS
Credits (Min/Max): 3/3

This course examines the principles of management and leadership as they relate to criminal justice organizations. Leadership, planning, and legal concepts are emphasized, and the case study method is employed as an applied learning tool.

CRIM354
LAW ENFORCEMENT COMMUNICATIONS
Credits (Min/Max): 3/3

This course instructs students in the proper methodology of law enforcement communications. Students will be required to conduct interviews, effectively compile investigative notes, and reduce this information to a series of written and oral reports.

Prerequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM360
TREATMENT OF OFFENDERS
Credits (Min/Max): 3/3

This course will examine the methods of treatment of offenders that are practiced or available for use in both institutional and community settings. A variety of approaches intended to modify behavior, values and/or attitude will be compared. Rehabilitation, retribution and incapacitation as alternatives are discussed and evaluated.

Prerequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

CRIM361
COURTS:STRUCT & PROCESS(SOC361)
Credits (Min/Max): 3/3

This course will cover the history of adjudication and the roots of local, state and the federal court system; the role of law enforcement officers and others with interests in the court system. Court administration and the activities of the courts and judges are reviewed. Federal/state jurisdiction issues will be covered. The procedures of courts in the administration of criminal justice will be examined in view of the precepts of fairness in the courts.

CRIM412
EMERGENCY PREPAREDNESS & CRISIS MANAGEMENT
Credits (Min/Max): 3/3

This course examines the issues and processes associated with the most critical domains of security management. In particular, the course will focus on risk analysis, security surveys, response planning, and the principles of all hazards risk management.

CRIM451
CRIMINAL JUSTICE INTERNSHIP
Credits (Min/Max): 3/3

A field course in which the student is actively involved in working in the community in a professional criminal justice agency. The student will meet periodically with a faculty mentor to examine the relationships between theoretical concepts and the field experience. A strong leadership and service-learning component will be integrated into the course.

CRIM455
SENIOR CAPSTONE EXPERIENCE
Credits (Min/Max): 3/3

The Senior Capstone course is the final correlating experience of the educational process for all criminal justice majors. Students will apply criminal justice theories and concepts in analyzing the published research concerning a critical issue in criminal justice and writing a comprehensive literature review of the selected issue. The student will also demonstrate, through test performance, the knowledge they have gained from the required courses of the criminal justice curriculum. Students will also participate in a variety of educational activities designed to assist them in obtaining employment in the criminal justice career field.

Prerequisites: CRIM212 - ANALYSIS OF CRIM JUSTICE DATA

CRIM457
INDEPENDENT STUDY
Credits (Min/Max): 1/3

This course is limited to those few students who have demonstrated an unusual level of ability and an intense commitment to a particular area of study.

CS102
INTRO TO COMPUTER SCIENCE (SELSCI-012)
Credits (Min/Max): 3/3

This course is an introduction to the field of computer science. A scientific foundation of many aspects of CS will be developed upon which more advanced CS courses will build. Topics include: computer design, computer programming, information processing, algorithm design, operating systems, software engineering, and artificial intelligence.

CS109
INTRO TO COMPUTER SCIENCE
Credits (Min/Max): 3/3

This course is an introduction to the field of computer science. A scientific foundation of many aspects of CS will be developed upon which more advanced CS courses will build. Topics include: computer design, computer programming, information processing, algorithm design, operating systems, software engineering, and artificial intelligence.

CS110
PROGRAMMING I
Credits (Min/Max): 3/3

This course introduces the art of algorithm design and problem solving in the context of computer programming. The basic structure and logic of the Java language is presented. Topics covered include data types and operators, control flow, repetition and loop statements, arrays and pointers. Good programming practices will be taught and encouraged.

Prerequisites: CS102 - INTRODUCTION TO COMPUTER SCIENCE

CS110L
PROGRAMMING I LAB
Credits (Min/Max): 1/1

Lab work for CS 110 Programming I

CS115
VISUAL BASIC PROGRAMMING
Credits (Min/Max): 3/3

This course introduces computer programming in general, and the Visual Basic programming language in particular. Topics covered include data types and operators, control flow, repetition and loop statements, arrays, and structures. The intent is to familiarize the student with the MS Windows Programming environment using Visual Studio and graphical user interfaces using frames, windows, dialog boxes, and common controls. Good programming practices will be taught and encouraged.

CS210
PROGRAMMING II
Credits (Min/Max): 3/3

This course is a follow-on to Programming I. Topics covered include structures, file input and output, and other advanced object-oriented programming concepts found in Java.

PreRequisites: CS110 - PROGRAMMING I (formerly CS313)

CS210L
PROGRAMMING II-LAB
Credits (Min/Max): 1/1

Lab work for CS 210

CS215
DISCRETE STRUCTURES I(MT250)
Credits (Min/Max): 3/3

The first half of a basic course dealing with the mathematics that is applicable to computer science. It provides an introduction to mathematical methods and covers such topics as: enumeration, set theory, mathematical logic, proof techniques, number systems, functions and relations, and Boolean algebra. Cross listed with MT 250

PreRequisites: MT133 - ANALYTIC GEOMETRY & CALC II

CS216
DISCRETE STRUCTURES II(MT251)
Credits (Min/Max): 3/3

The second half of a basic course dealing with the mathematics that is applicable to computer science. Topics to be covered will include some or all of the following: combinatorics, discrete probability; graphs, trees, and relations, and models of computation such as grammars, finite-state machines, and Turing machines. Cross listed with MT 251

PreRequisites: CS215 - (MT250)DISCRETE STRUCTURES I (formerly MT114)

CS220
ALGORITHM ANALYSIS
Credits (Min/Max): 3/3

This course teaches techniques of programming including data structures such as lists, stacks, and queues and algorithmic approaches such as recursion, searching and sorting. These techniques are learned through programming exercises as well as classroom study.

PreRequisites: CS210 - PROGRAMMING II (formerly CS314)

CS225
SYSTEMS PROGRAMMING
Credits (Min/Max): 3/3

This course will introduce the students to the important systems language, C, and to several topics related to the hardware and software environment. These are issues related to system interfaces and software synchronization provided by operating system, the linkage of operating system services to application software, and the fundamental mechanisms for computer communications.

PreRequisites: CS210 - PROGRAMMING II

CS225L
SYSTEMS PROGRAMMING LAB
Credits (Min/Max): 1/1

This course will provide the hands-on laboratory component to the Systems Programming course which will introduce the students to the important systems language, C, and to several topics related to the hardware and software environment. These are issues related to system interfaces and software synchronization provided by the operating system, the linkage of operating system services to application software, and the fundamental mechanisms for computer communications.

CS230
ANALOG ELECTRONICS
Credits (Min/Max): 3/3

This is an introductory course of electronics. Students will learn the fundamental principles of electronics circuit chips. Topics to be studied include basic circuit theory, diode applications, Bipolar and Field Effect transistors, operational amplifiers, and basic TTL gates. This course will provide students with both theoretical and practical knowledge necessary to start an understanding of computers and data communication devices.

Prerequisites: PHY133 - GENERAL PHYSICS II

CS235
COMPUTER ORGANIZATION & DESIGN
Credits (Min/Max): 3/3

This course will introduce students to the function and design of digital computers. Topics covered include: Value representation, ALU structure and operation, simple digital electronics, basic assembly language programming, I/O and bus architectures, and complex processor architectures including virtual memory.

Prerequisites: CS210 - PROGRAMMING II (formerly CS314)

CS255
DATABASE-SYSTEMS THEORY
Credits (Min/Max): 3/3

This course is designed to present the essential concepts, principles, techniques, and mechanisms for the design, analysis, use, and implementation of computerized database systems. Key information management concepts and techniques are examined: database modeling and representation; information interfaces - access, query, and manipulation, implementation structures, and issues of distribution. The database and information management system technology examined in this course represents the state-of-the-art, including traditional approaches as well as recent research developments. The course should allow the student to understand, use, and build practical database systems. The course is intended to provide a basic understanding of the issues and problems involved in database systems, a knowledge of current practical techniques for satisfying the needs of such a system, and an indication of the current research approaches that are likely to provide a basis for tomorrow's solutions.

CS330
DIGITAL ELECTRONICS(PHY380) (ELECTRONICS II)
Credits (Min/Max): 3/3

This is an intermediate digital electronics course that focuses on the study of computer architecture, and digital signal processing technology. It will provide students with the working knowledge necessary for understanding in computer science and telecommunication technologies. Students will learn practical digital circuits while conducting practical laboratory projects. Typical digital integrated circuits and digital/analog interface chips will be used for designing and constructing a prototype computer, interfaces, and digital signal processing circuits.

Prerequisites: CS230 - (PHY280)ANALOG ELECTRONICS (formerly CS323)

CS332
ELECTRONIC COMMUNICATION
Credits (Min/Max): 3/3

This course will present the fundamental technology of wireless and cable telecommunications. Students will become familiar with modulation/demodulation and noise reduction for high-fidelity electronic and data communications. They will also learn advanced data communication technologies such as digital broadband technology. Transition from electronics (applications of electrons) to photonics (applications of light and photons) is also presented. Hands-on laboratory projects will be conducted in connection with the basic hardware of telecommunication not covered in CS 230 and CS 330.

Prerequisites: CS230 - (PHY280)ANALOG ELECTRONICS (formerly CS323)

CS340
OPERATING SYSTEMS
Credits (Min/Max): 3/3

This course is an in-depth study of modern operating systems. Students will learn about the services provided by an operating system, how to use these services and how the services are implemented. Topics covered include: Initialization (boot), Processes, Controlling shared resources, Memory, Bulk storage systems, and Network Communications (TCP/IP) as they relate to the computer operating system.

Prerequisites: CS235 - COMPUTER ORGANIZATION & DESIGN (formerly CS350)

CS342
COMPUTER SECURITY
Credits (Min/Max): 3/3

This course covers fundamental issues and first principles of security and information assurance. The course will look at the security policies, models and mechanisms related to confidentiality, integrity, authentication, identification, and availability issues related to information and information systems. Other topics covered include basics of cryptography (e.g., digital signatures) and network security (e.g., intrusion detection and prevention), risk management, security assurance and secure design principles, as well as e-commerce security. Issues such as organizational security policy, legal and ethical issues in security, standards and methodologies for security evaluation and certification will also be covered.

Prerequisites: CS110 - PROGRAMMING I

CS360
INTRO TO WINDOWS PROGRAMMING: VISUAL BASIC
Credits (Min/Max): 3/3

This course focuses on introduction to advanced programming for the Microsoft Windows Operating System. The intent is to familiarize the student with: MS Windows programming environment, common controls, dialog boxes and screens, Document/View architecture, file access, ADO/ODBC database programming, ActiveX controls and device driver programming.

CS410
COMPILER DESIGN
Credits (Min/Max): 3/3

Compiler Design is an area of computer science where students learn formal language definitions and grammars. They will ultimately learn how to translate one language into another. This subject has many applications besides just the creation of language compilers!

Prerequisites: CS216 - (MT251)DISCRETE STRUCTURES II

CS420
INTRO TO SOFTWARE ENGINEERING
Credits (Min/Max): 3/3

This course is an introduction to field of software engineering. It will combine a range of topics integral to the design, implementation, and testing of a medium-scale software system with the practical experience of implementing such a project as a member of a programmer team.

Prerequisites: CS210 - PROGRAMMING II (formerly CS314)

CS445
TELECOMMUNICATIONS I
Credits (Min/Max): 3/3

This is the first of a two-semester introduction to telecommunications one of the most important and rapidly growing fields of current technology. The topics covered in this first part include an overview of telecommunications, digital transmission fundamentals, and introduction to networks, physical layer protocols and medium access control.

Prerequisites: CS220 - ALGORITHM ANALYSIS (Formerly CS345)

CS446
TELECOMMUNICATIONS II
Credits (Min/Max): 3/3

This is the second of a two-semester introduction to telecommunications, one of the most important and rapidly growing fields of current technology. The major topics to be covered in this second part are: coding theory and cryptography; routing in packet-switching networks and shortest-path algorithms; data compression and information theory.

Prerequisites: CS445 - TELECOMMUNICATIONS I (formerly CS363)

CS450
NUMERICAL COMPUTING (formerly CS253)
Credits (Min/Max): 3/3

A survey of numerical techniques for numerically solving a variety of mathematical problems with an emphasis on application as opposed to theory. Topics to be covered include: sources of error in numerical computations, solving non-linear equations, solving sets of simultaneous equations, interpolating polynomials, numerical integration and numerical differentiation.

Prerequisites: CS210 - PROGRAMMING II (formerly CS314)

CS451
NUMERICAL COMPUTING II
Credits (Min/Max): 3/3

Second semester of a survey course in numerical techniques for the numerical solution of a variety of mathematical problems with an emphasis on application as opposed to theory. Topics to be covered include: initial-value problems, partial differential equations, curve fitting and approximation of functions.

Prerequisites: CS450 - NUMERICAL COMPUTING (formerly CS253)

CS455
ADVANCED DATABASE THEORY
Credits (Min/Max): 3/3

This course is a continuation of Database-Systems Theory. It concentrates on object-oriented database design, object relational design, data warehousing, data marts, and data mining. Emphasis will be placed on modeling languages such as UML, ODMG, as well as ODL and SQL3 standards. Also, Online Analytical Processing and its relationship to data warehousing, data mining, and decision support systems will be discussed.

PreRequisites: CS220 - ALGORITHM ANALYSIS (formerly CS345)

CS470
INTRO TO ARTIFICIAL INTELLIGENCE
Credits (Min/Max): 3/3

This course will provide an introduction to the fundamental concepts and techniques underlying the construction of intelligent computer systems. Topics covered in the course include: problem solving and search; logic and knowledge representation; planning; uncertain knowledge and reasoning; and machine learning. Formal approaches will support implementation, both through available tools and student-written functions.

CS490
COMPUTER SCIENCE SEMINAR
Credits (Min/Max): 1/1

In development.

EC321
METHODS OF TEACHING ART AND MUSIC(EL321)
Credits (Min/Max): 3/3

This course will present strategies and techniques for an elementary or early childhood teacher to provide art experiences in a classroom and to integrate art with other content areas in the classroom. The student will be required to observe classroom teachers teaching art.

EC340
TEACHING READING & LANGUAGE (EL340)
Credits (Min/Max): 3/3

These courses provide a foundation for teaching of reading and various aspects of teaching language arts in pre-school through sixth grade for children of all abilities. The students will gain knowledge in the field of reading and language arts, the selection of effective materials, diagnostic procedures, and the use of various tests. They will be able to promote the effective language skills of listening, speaking, reading, and writing for the elementary school student.

EC341
TEACHING READING & LANGUAGE ARTS PRACTICUM(EL341)
Credits (Min/Max): 1/1

This course provides a weekly-supervised field placement practicum and seminar based on the Teaching Reading and Language Arts Course. The student will be assigned a small group of children in which the College student will be required to diagnose the children's needs and then create and implement plans that focus on the diagnosis found.

EC440
METHODS OF TEACHING MATH(EL440)
Credits (Min/Max): 3/3

This course provides the theoretical base of principles for teaching basic math and will demonstrate techniques of using a variety of materials and teaching strategies for elementary and early childhood students.

ED210
FOUNDATIONS OF EDUCATION & FIELD EXPERIENCE
Credits (Min/Max): 4/4

A study of the philosophy and history of education. Current trends and conditions in the public/private sector will be studied. Future trends in education will be investigated. A field experience is a required component of the course.

ED251
EARLY FIELD EXPERIENCE
Credits (Min/Max): 1/1

A sophomore year experience to enable future teachers to observe all the aspects of teaching. They will work closely with cooperating teachers in local schools. For transfer students only.

ED454
PRIMARY STUDENT TEACHING
Credits (Min/Max): 6/6

This course provides the student with the opportunity to incorporate the various strategies and techniques gleaned from the methods courses into a primary elementary classroom, or an early childhood setting under the direct supervision of a cooperating teacher and the college supervisor. The student will have the opportunity to teach all subject areas and assume the full teaching load for part of this experience. No course work may be taken during the student teaching semester unless approved by the Director, Center for Teacher Education.

ED455
INTERMEDIATE STUDENT TEACHING
Credits (Min/Max): 6/6

This course provides the student with the opportunity to incorporate the various strategies and techniques gleaned from the methods courses into an elementary classroom, or an early childhood setting under the direct supervision of a cooperating teacher and the college supervisor. The student will have the opportunity to teach all subject areas and assume the full teaching load for part of this experience. The student will have two eight-week placements during this experience - both a primary and an intermediate replacement will be assigned for the elementary student. Pre-school and elementary experiences will be required of the early childhood student. No course work may be taken during the student teaching semester unless approved by the Director, Center for Teacher Education.

ED457
INDEPENDENT STUDY
Credits (Min/Max): 1/12

An Independent study is an in-depth examination of a particular topic, under the supervision of a qualified instructor. Independent study is not a substitute for a formal course or graduation requirement. The course is limited to those few students who have demonstrated an unusual level of ability and an intense commitment to a particular area.

EED310
METHODS OF TEACHING & EVALUATING ENGLISH
Credits (Min/Max): 3/3

This course is designed to give the student a broad background in literature for children from pre-school through seventh grade, to explore assumptions that form the basis of what is the best literature for children, to practice creative projects designed to encourage and enrich reading, and to evaluate children's literature as an image-maker and means of transmitting values.

Prerequisites: EN111 - COLLEGE WRITING: EXPOSITION I

EED313
CHILDREN'S LITERATURE
Credits (Min/Max): 3/3

This course is designed to give the student a broad background in literature for children from pre-school through 7th grade, to explore assumptions that form the basis of what is the best literature for children, to practice creative projects designed to encourage and enrich reading, and to evaluate children's literature as an image maker and means of transmitting values.

Prerequisites: EN111 - COLLEGE WRITING: EXPOSITION I

EED314
READING & WRITING ACROSS THE DISCIPLINES (SED314)
Credits (Min/Max): 3/3

Introduces a wide variety of methods for secondary teachers to present reading and writing skills in any curriculum area. Specific content areas will be presented within the curriculum of other disciplines. How to use Writing to Learn will be an important aspect of this course. Cross listed with SED 314

EED330
LITERATURE OF ADOLESCENTS & YOUNG ADULTS
Credits (Min/Max): 3/3

This course is designed to give the prospective middle and/or high school English teacher a familiarity with the literature adolescents choose to read, enjoy, and find relevant to their lives. It will present the reasons why teenage readers make the choices that they do and review sources of materials teenagers will read with pleasure. It is also presented to help the prospective professional educator develop a positive attitude toward this kind of literature.

Prerequisites: EN111 - COLLEGE WRITING I

EED351
ADVANCED FIELD EXPERIENCE (SED351)
Credits (Min/Max): 3/3

In this course, you will learn and apply the definition, components, principles, and strategies of effective classroom management. In addition, you will explore the topics that contribute to developing a positive learning environment for students. These topics include: diversity, motivation theories and strategies, brain-based learning, planning physical spaces, instructional strategies, and assessment. A data and reflection driven 25 hour field experience will be completed in local district classrooms. The final project includes the development of a portfolio reflecting the range of campus and field-based experiences. A rubric will guide you through this process. Cross-listed with SED 351

Prerequisites: ED210 - FOUNDATIONS OF EDUCATION AND FIELD EXPERIENCE

EL321
METHODS OF TEACHING ART & MUSIC (EC321)
Credits (Min/Max): 3/3

This course will present strategies and techniques for an elementary or early childhood teacher to provide music experiences in a classroom and to integrate music with other content areas in the classroom. The student will be required to observe classroom teachers teaching music.

EL321A
METHODS OF TEACHING ART
Credits (Min/Max): 1.5/1.5

This course will present strategies and techniques for an elementary or early childhood teacher to provide art experiences in a classroom and to integrate art with other content areas in the classroom. The student will be required to observe classroom teachers teaching art.

Prerequisites: ED210 - FOUNDATIONS OF EDUCATION AND FIELD EXPERIENCE

EL322A
METHODS OF TEACHING MUSIC
Credits (Min/Max): 1.5/1.5

This course will present strategies and techniques for an elementary or early childhood teacher to provide music experiences in a classroom and to integrate music with other content areas in the classroom. The student will be required to observe classroom teachers teaching music.

EL340
TEACHING READING & LANGUAGE ARTS
Credits (Min/Max): 3/3

These courses provide a foundation for teaching of reading and various aspects of teaching language arts in pre-school through sixth grade for children of all abilities. The students will gain knowledge in the field of reading and language arts, the selection of effective materials, diagnostic procedures, and the use of various tests. They will be able to promote the effective language skills of listening, speaking, reading, and writing for the elementary school student.

EL341
TEACHING READING & LANGUAGE ARTS PRACTICUM
Credits (Min/Max): 2/2

This course provides a weekly-supervised field placement practicum and seminar based on the Teaching Reading and Language Arts Course. The student will be assigned a small group of children in which the College student will be required to diagnose the children's needs and then create and implement plans that focus on the diagnosis found.

Prerequisites: EC340 - (EL340)TEACHING READING & LANGUAGE

EL420
METHODS OF TEACHING SCIENCE & HEALTH
Credits (Min/Max): 3/3

This course will provide the pre-service elementary teacher with strategies and techniques for teaching the content subjects - specifically science and health. Emphasis will be on organizing subject matter and translating it to children through the students' participation in various methods of learning. An integral part of this course will be field experience in an elementary classroom with a content teacher.

Prerequisites: ED210 - FOUNDATIONS OF EDUCATION AND FIELD EXPERIENCE

EL430
METHODS OF TEACHING SOCIAL STUDIES
Credits (Min/Max): 3/3

This course will provide the pre-service elementary teacher with strategies and techniques for teaching social studies. Emphasis will be on organizing subject matter and translating it to children through a variety of methods, which address different learning styles. An integral part of the course will be field experience in an elementary classroom.

Prerequisites: ED210 - FOUNDATIONS OF EDUCATION AND FIELD EXPERIENCE

EL440
METHODS OF TEACHING MATH
Credits (Min/Max): 3/3

This course provides the theoretical base of principles for teaching basic math and will demonstrate techniques of using a variety of materials and teaching strategies for elementary and early childhood students.

Prerequisites: ED210 - FOUNDATIONS OF EDUCATION AND FIELD EXPERIENCE

EL440B
TEACHING MATH PRACTICUM
Credits (Min/Max): 2/2

This course provides a weekly-supervised field placement practicum and seminar based on the Methods of Teaching Math Course. The student will be assigned a small group of children in which the college student will be required to diagnose the children's needs and then create and implement plans that focus on the diagnosis found.

Prerequisites: EL440 - (EC440)METHODS OF TEACHING MATH

EL450
ELEMENTARY CURRICULUM
Credits (Min/Max): 3/3

This course offers the student the opportunity to gain insights into the philosophy and objectives of the curriculum in the elementary school as well as to study classroom organization, materials, and instructional strategies that can be used in teaching the various subject areas of the elementary school. It will explore and offer the student techniques of dealing with discipline and other non-teaching duties of the elementary teacher. Field placement will be an integral part of the course.

EL452
INTEGRATING TECHNOLOGY IN THE ELEMENTARY CURRICULUM
Credits (Min/Max): 3/3

In the final stages of preparing students to enter the teaching profession, this course offers the student the opportunity to gain insights into the philosophy and objectives of the elementary school, as well as study classroom organization, materials, and instructional strategies that can be used in teaching the various subject areas of the elementary school. This course will also explore and offer the students techniques to effectively manage student behavior and solve discipline problems. This course will enable students to discern appropriate forms of technology that meet with unit and lesson objectives and curriculum standards, and thus enhance one's procedural materials. Students will have opportunities to gain a comprehensive repertoire of technological resources to later implement and utilize in planning lessons across the curriculum and creating student resources, in the form of text, visual, and web-based materials.

EL454
PRIMARY STUDENT TEACHING
Credits (Min/Max): 6/6

*This course provides the student with the opportunity to incorporate the various strategies and techniques gleaned from the methods courses into a primary elementary classroom, or an early childhood setting under the direct supervision of a cooperating teacher and the college supervisor. The student will have the opportunity to teach all subject areas and assume the full teaching load for part of this experience. **No course work may be taken during the student teaching semester unless approved by the Director, Center for Teacher Education.***

EL455
INTERMEDIATE STUDENT TEACHING
Credits (Min/Max): 6/6

*This course provides the student with the opportunity to incorporate the various strategies and techniques gleaned from the methods courses into an elementary classroom, or an early childhood setting under the direct supervision of a cooperating teacher and the college supervisor. The student will have the opportunity to teach all subject areas and assume the full teaching load for part of this experience. The student will have two eight-week placements during this experience - both a primary and an intermediate replacement will be assigned for the elementary student. Pre-school and elementary experiences will be required of the early childhood student. **No course work may be taken during the student teaching semester unless approved by the Director, Center for Teacher Education.***

EN110
PRACTICUM:COLLEGE READING & WRITING
Credits (Min/Max): 6/6

This course is designed to prepare college freshmen for reading and writing at the college level.

EN111
COLLEGE WRITING I
Credits (Min/Max): 3/3

This course engages students in the reading and writing practices essential to academic life by requiring students to read both with and against the grain of complex texts and to write in response to them.

EN111H
COLLEGE WRITING I-HONORS
Credits (Min/Max): 3/3

This course engages students in the reading and writing practices essential to academic life by requiring students to read both with and against the grain of complex texts and to write in response to them. As this is an Honors course, the schedule of reading and writing assignments is more challenging than the standard composition course in terms of both pace and content. In keeping with the Honors curriculum guidelines, this course also integrates one or more elements of the La Roche College mission (Global, Intercultural, or Social Justice focus) into its core reading and writing objectives.

EN111L
COLLEGE WRITING-LABORATORY
Credits (Min/Max): 0/0

This mandatory course supports EN111 College Writing I, emphasizing on-demand timed writing, revision, and control of error.

EN112
COLLEGE WRITING II
Credits (Min/Max): 3/3

This course is designed to teach concise and effective expository writing, focusing on various aspects of critical analysis and the documented research paper.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN112H
COLLEGE WRITING II-HONORS
Credits (Min/Max): 3/3

This course engages students in the reading and writing practices essential to academic life by requiring students to read both with and against the grain of complex texts and to write in response to them. As this is an Honors course, the schedule of reading and writing assignments is more challenging than the standard composition course in terms of both pace and content. In keeping with the Honors curriculum guidelines, this course also integrates one or more elements of the La Roche College mission (Global, Intercultural, or Social Justice focus) into its core reading and writing objectives.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN150
METHODS OF TEACHING WRITING: COMPOSITION
Credits (Min/Max): 1/1

This is the first in a series of four one-credit courses designed to prepare students to teach academic writing at the secondary or post-secondary levels and/or to work in a secondary or college writers center.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN210
INTRO TO LITERARY STUDY
Credits (Min/Max): 3/3

This seminar introduces students majoring in each of the three English programs to the study of literature as an academic discipline. Key literary terms and concepts (genre, style, figurative language, poetics, etc.), central tenets of literary-critical analysis (multiple interpretive strategies, schools of theory, etc.), and basic methodologies of literary study (research techniques, MLA-style documentation, etc.) will be covered. The course will thus prepare English majors at an early point in their careers to enter into the habits of thought and practice characteristic of their chosen field.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN212
AMERICAN ETHNIC LITERATURE
Credits (Min/Max): 3/3

A study of writing about American ethnicity. Readings usually include essays, poems, plays and prose fiction.

EN221
WORLD LITERATURE I(SELLIT-002)
Credits (Min/Max): 3/3

A study of selected works in a variety of genres centered primarily around major literary movements from antiquity through the Renaissance. Cross-listed with SELLIT-002

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN222
WORLD LITERATURE II(SELLIT-010)
Credits (Min/Max): 3/3

A study of selected works in a variety of genres centered primarily around major literary movements from the Renaissance through contemporary literature.

EN229
BUSINESS COMMUNICATIONS
Credits (Min/Max): 3/3

A study of and practice in writing of business reports and letters of various types, including resumes and letters of application. The course includes practice in oral reports, conferences, job interviews and other situations, both written and oral, in which effective communication is required.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN230
TECHNICAL WRITING
Credits (Min/Max): 3/3

Designed to apply the basic principles of communication to technical information so that the student can learn to present complex technical messages in the clearest possible way.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN236
ISSUES IN AMERICAN LIT I (SELLIT-013)
Credits (Min/Max): 3/3

Literature from Puritan times up to the Civil War will be examined as it portrays such issues as responses to a new environment, ecology, ethnic and sexual stereotyping, literature as didactic message or entertainment, ethical choice, pessimistic and optimistic views of human nature. The course will also introduce basic technical elements for each genre used by American authors.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN239
ISSUES IN AMERICAN LIT II (SELLIT-011)
Credits (Min/Max): 3/3

Literature from the time of the Civil War to Post World War II will be examined as it portrays such issues as our pluralistic society, war, death, characters caught in a limiting environment, responses to the age of anxiety, protest, evolving attitudes toward male and female identity and relationships, ethical responsibility, disenchantment, reconciliation and the celebration of the human potential. The course will also introduce basic technical elements of each genre used by American authors. Cross-listed with SELLIT-011

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN240
CREATIVE WRITING I
Credits (Min/Max): 3/3

A course designed to stimulate creative writing in prose and poetry with emphasis upon the short story.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN243
FILM ANALYSIS:FORM,HIST,IDEOLOGY
Credits (Min/Max): 3/3

This course will introduce students to the terminology, methodologies, and practice of cinematic analysis. We will approach films as complex, multi-layered texts that can be viewed through diverse, intersecting lenses; beginning with an examination of the form principles of film, we will progress to a consideration of film as historical, cultural, and ideological product, one that both shapes and is shaped by the beliefs and practices of the cultures in which it is generated. Class time will be divided between film viewing and film analysis, the ultimate purpose of the course being to prepare students to become active, critical viewers of film.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN245
NATIVE AMERICAN LITERATURE
Credits (Min/Max): 3/3

In this class, we will read selected works of Native American literature (including political writing, oral literature, autobiography, and contemporary fiction), as well as selected critical works that raise questions about the primary texts: questions of form, definition, and so on. The course is not a survey; though we'll be reading a good number of texts, I've made no attempt to cover the "whole" range of Native American literatures. Not only is that impossible, but the very idea of wholeness is problematic in my eyes, particularly (as we will see) when discussing texts that fall under a heading so historically and theoretically troubled as that of "Native American literatures". What we will do in the class, instead, is employ particular texts as occasions for reflection, discussion, and debate. In this way, each student will have experienced enough of the range, complexity, and significance of Native American literatures to explore the field independently after the class comes to an end.

EN250
WRITER'S CENTER; METHODS OF TEACHING WRITING
Credits (Min/Max): 1/1

This is the second in a series of four one-credit courses designed to prepare students to teach academic writing at the secondary or post-secondary levels and/or to work in a secondary or college writers' center. This course addresses one-on-one and small group tutorial work in a writers' center.

EN311
READINGS IN CONTEMPORARY NON-FICTION
Credits (Min/Max): 3/3

This course will introduce you to the genre of creative contemporary American nonfiction, sometimes called literary journalism. This course will engage you in reading and responding to an array of creative nonfiction works, ranging from newspaper articles, to magazine pieces, to book-length works. This course will provide you with a broad understanding and practical exposure to the craft of contemporary American creative nonfiction. The course is intended as the first step in a two-step sequence that will provide students with the skills needed to produce their own creative nonfiction works, with publication of those works as their ultimate goal. The intent of this course is to support, complement and augment other established courses in the curriculum, primarily Journalism I and II, Advanced Exposition, Writing Creative Contemporary Nonfiction, and Creative Writing.

Prerequisites: EN111 - COLLEGE WRITING: EXPOSITION I

EN312
WRITING POETRY: SPECIAL TOPICS IN COMPOSITION
Credits (Min/Max): 3/3

These topics courses are writing workshops designed to allow students to write in a particular genre and/or for a designated audience with the support of a publishing writer and the other members of the workshop.

EN312A
FICTION WRITING: SPECIAL TOPICS IN COMPOSITION
Credits (Min/Max): 3/3

These topics courses are writing workshops designed to allow students to write in a particular genre and/or for a designated audience with the support of a publishing writer and the other members of the workshop.

Prerequisites: EN111 - COLLEGE WRITING: EXPOSITION I

EN312B
SPORTS WRITING; SPECIAL TOPICS IN COMPOSITION
Credits (Min/Max): 3/3

These topics courses are writing workshops designed to allow students to write in a particular genre and/or for a designated audience with the support of a publishing writer and the other members of the workshop.

Prerequisites: EN111 - COLLEGE WRITING: EXPOSITION I

EN312C
SCREEN WRITING; SPECIAL TOPICS IN COMPOSITION
Credits (Min/Max): 3/3

These topics courses are writing workshops designed to allow students to write in a particular genre and/or for a designated audience with the support of a publishing writer and the other members of the workshop.

EN312D
CREATIVE NONFICTION; SPECIAL TOPICS IN COMPOSITION
Credits (Min/Max): 3/3

These topics courses are writing workshops designed to allow students to write in a particular genre and/or for a designated audience with the support of a publishing writer and the other members of the workshop.

Prerequisites: EN111 - COLLEGE WRITING: EXPOSITION I

EN312E
WRITING FOR PUBLICATION:SPECIAL TOPICS IN COMPOSITION
Credits (Min/Max): 3/3

These topics courses are writing workshops designed to allow students to write in a particular genre and/or for a designated audience with the support of a publishing writer and the other members of the workshop.

EN313
CHILDREN'S LITERATURE
Credits (Min/Max): 3/3

This course is designed to give the student a broad background in literature for children from pre-school through 7th grade, to explore assumptions that form the basis of what is the best literature for children, to practice creative projects designed to encourage and enrich reading, and to evaluate children's literature as an image maker and means of transmitting values.

EN314
WORLD MYTHOLOGY
Credits (Min/Max): 3/3

A study of myths and mythic patterns in literature from a variety of cultures. Because of the vast quantity of literature involving mythology, the course emphasizes certain themes or patterns, for example, the journey of the hero or heroine, patterns of transformation and mythic motifs.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN314H
HONORS-WORLD MYTHOLOGY
Credits (Min/Max): 3/3

A study of myths and mythic patterns in literature from a variety of cultures. Because of the vast quantity of literature involving mythology, the course emphasizes certain themes or patterns, for example, the journey of the hero or heroine, patterns of transformation and mythic motifs.

EN315
STUDIES IN LITERATURE
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN315A
READINGS IN EXISTENTIALISM
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

EN315B
CONTEMPORARY LIT:(SELLIT-008)
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN315C
AFRICAN AMERICAN LITERATURE
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

EN315D
LITERATURE OF ECOLOGY
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

EN315E
WOMEN IN LITERATURE:SPECIAL TOPICS IN LITERATURE
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN315H
COMIC SPIRIT IN LITERATURE
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

EN315J
BIBLICAL IMAGERY IN LITERATURE
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

EN315K
STUDIES IN LITERATURE:LOOKING AT THE REAL WORLD THROUGH THE FANTASTIC
Credits (Min/Max): 3/3

Topics from world literature involving various literary genres and themes. Possible semester topics include: Black Literature, Contemporary Literature, Women in Literature, and Biblical Themes in Literature.

EN316
NINETEENTH/TWENTIETH CENTURY RUSSIAN LITERATURE
Credits (Min/Max): 3/3

An introduction to Russian literature in English translation with emphasis on prose fiction. Selections include the writing of Pushkin, Lermontov, Gogol, Turgenev, Dostoyevsky, Chekhov, Gorky, Sholokov, Pasternak and Solzhenitsyn.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN317
IRISH LITERATURE
Credits (Min/Max): 3/3

A study of Irish literature from Ancient Gaelic times, through the Irish Renaissance and up to contemporary times. Readings, in English, involve a variety of genres: myths, sagas, lyric poems, plays and short stories. Specific authors include Synge, Yeats, Lady Gregory, Joyce, O'Casey, and Kate O'Brien.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN318
DRAMATIC LITERATURE
Credits (Min/Max): 3/3

A study of the principal types of drama consisting of plays selected from ancient to contemporary times and representing a variety of cultures, usually Greek, English, American, Irish, Russian, and Spanish. Dramatic theory and criticism will be examined and critical writing about drama will be taught.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN319
MODERN AMERICAN DRAMA
Credits (Min/Max): 3/3

A study of selected plays of 20th century American dramatists, from the 1920's to the present. Plays studied include those of O'Neill, Williams, Albee, Miller, Wilder, Steinbeck, Odets, Sherwood, Hellman and Rice. The plays are studied as drama and as literature.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN320
MODERN AMERICAN NOVEL
Credits (Min/Max): 3/3

A study of major novels from the rise of realism to the present. The course focuses on the work of such established writers as Fitzgerald, Faulkner and Steinbeck, but may include some fiction by contemporary writers.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN321
SHAKESPEARE ON FILM(SELLIT-003)
Credits (Min/Max): 3/3

In development. Cross-listed with SELLIT-003

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN322
DEVELOPMENT OF ENGLISH NOVEL
Credits (Min/Max): 3/3

A study of the novel from its beginnings: selected writings demonstrate the development of the novel as an art form, usually including works of Fielding, Austen, Thackeray, C. Bronte, E. Bronte, Dickens, Hardy, Lawrence and Joyce.

EN323
SHAKESPEARE
Credits (Min/Max): 3/3

The reading and analysis of Shakespearean drama. Plays studied usually include: A Midsummer Night's Dream, Richard II, Measure for Measure, Henry IV, Much Ado About Nothing, As You Like It, Twelfth Night, Othello, King Lear, Macbeth and The Winter's Tale.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN324
LOVE&WAR OLD&MEDIEVAL ENG LIT
Credits (Min/Max): 3/3

Literary works are selected from the genres of epic, romance, lyric and ballad. Selections may vary but usually include: Beowulf, Troilus and Cressida, Tristan and Isolde, Sir Gawain and the Green Knight, and The Canterbury Tales.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN325
RENAISSANCE ENGLISH POETRY
Credits (Min/Max): 3/3

A study of the non-dramatic poetry of Sidney, Spenser, Shakespeare, Marlowe, Donne, Jonson, Herbert, Marvell, Vaughan and short poems of Milton.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN326
SCIENCE & SCIENCE FICTION(NS326)
Credits (Min/Max): 3/3

A study of the scientific concepts that are presented in Science Fiction literature, drama, and film. Assessment will be made of how accurate these concepts are and their interrelationship to scientific discovery will be addressed.

EN327
NINETEENTH CENTURY BRITISH POETRY
Credits (Min/Max): 3/3

A survey of the romantic poetry of Burns, Blake, Wordsworth, Coleridge, Byron, Shelley and Keats; and of the Victorian poetry of Tennyson, Browning, Arnold, the Rossettis, Clough, Hopkins and Hardy.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN328
EARLY 20th CENTURY BRITISH LIT
Credits (Min/Max): 3/3

A study of British literature written during the first half of the twentieth century. Novels and poems studied usually include the works of Conrad, Forster, Woolf, Bowen, Yeats, Eliot, Joyce, Owens and Thomas.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN329
LITERARY THEORY AND CRITICISM
Credits (Min/Max): 3/3

This course will introduce advanced students to literary theory and contemporary methods of literary criticism and research.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN331
JOURNALISM I
Credits (Min/Max): 3/3

An introductory course in journalistic style and a variety of formats. Students learn editing, interviewing and reporting skills.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN332
JOURNALISM II
Credits (Min/Max): 3/3

An advanced study of diverse journalistic formats: feature writing, broadcast writing and specialized reporting, e.g., business, sports, government. Emphasis is placed on journalistic ethics, responsibility and the law.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN333
AMERICAN ENG:ITS HIST&DEVELOPMT
Credits (Min/Max): 3/3

A study of the linguistic evolution of the American English language from the older stages of English to current usage in the United States.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN334
WRITING FOR ADVERTISING
Credits (Min/Max): 3/3

A course designed to sharpen the student's writing skills in the context of copy writing for advertising. It will provide extensive practice in writing copy that appeals to a variety of audiences.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN335
WRITING FOR TV & RADIO
Credits (Min/Max): 3/3

A course designed to give students practice in the writing of copy for the broadcast media. Included is the writing of news and sports reports, commercials, features and documentaries, interview techniques, and mini-dramas.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN336
GRANTS WRITING
Credits (Min/Max): 3/3

Students will assess how to select funding agencies, as well as how to assess what new activities to initiate to pursue funding. The student will learn how to write effective grant proposals to selected funding agencies.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN337
ADVANCED EXPOSITION
Credits (Min/Max): 3/3

An advanced course in essay writing with emphasis on improving writing style. Methods include an examination of professional writings, frequent written assignments, detailed criticism of student's papers and evaluation of revisions to increase writing flexibility and precision.

Prerequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN338
PUBLIC RELATIONS WRITING
Credits (Min/Max): 3/3

A study of writing principles and their application to communications used for public relations.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN339

U.S. LABOR HISTORY & LIT(HS339) :SPECIAL TOPICS IN LITERATURE

Credits (Min/Max): 3/3

This course Investigates American Labor, from colonial day to the present, from both historical and literay perspective.Cross-listed with HS 339

EN340

TEACHING LITERATURE I: METHODS OF TEACHING

Credits (Min/Max): 1/1

This first in a two-part sequence of one-credit courses begins the process of preparing students to teach literature at the secondary school level. Students enrolled in these courses will simultaneously be enrolled in a 200-level literature survey; the courses will provide occasion for reflection on and work with the materials and methodologies of the teaching of literature. The sequence thus provides a foundation for theoretical and practical fluency that will be enhanced throughout the English Education curriculum, culminating in Methods of Teaching English and in the Student Teaching experience.

EN341

TEACHING LITERATURE II: METHODS OF TEACHING ENGLISH

Credits (Min/Max): 1/1

This second in a two-part sequence of one-credit courses begins the process of preparing students to teach literature at the secondary school level. Students enrolled in these courses will simultaneously be enrolled in a 200-level literature survey; the courses will provide occasion for reflection on and work with the material and methodologies of the teaching of literature. The sequence thus provides a foundation for theoretical and practical fluency that will be enhanced throughout the English Education curriculum, culminating in Methods of Teaching English and in the Student Teaching experience.

EN342

WRITING FOR NON-PROFITS

Credits (Min/Max): 3/3

This course is designed to teach the basic principles of public relations and grant writing for non-profit organizations. It will combine theory and practice, discussing all the key public relations vehicles, including news releases, press kits, brochures, newsletters, annual reports, direct mail, advertising, the Internet, fund raising, and special events planning.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN350

GENRE; METHODS OF TEACHING

Credits (Min/Max): 1/1

This is the third in a series of four one-credit courses designed to prepare students to teach academic writing at the secondary or post-secondary levels and/or to work in a secondary or college writers' center.

EN351

PUBLICATION DESIGN(GCD351)

Credits (Min/Max): 3/3

Intended for prospective designers as well as writers, the course will educate students in newspaper graphics and design. Hands-on experience will require participation in the La Roche Courier. Students will review and redesign the existing paper, and regularly participate with editorial illustration and photography, ad layout, design and production. Students will achieve an understanding of print production, including the utilization of four-color process and offset printing.Cross-listed with GCD 351

EN440

SPECIAL TOPIC IN LITERATURE (SELLIT-012)

Credits (Min/Max): 3/3

An examination of the poetry of contemporary poet Sam Hazo. Includes a poetry recitation by Hazo and frequent class visits by the poet to discuss the art of writing poetry and to work with students on writing their own poetry.

EN450

SEQUENCING & ASSESSMENT; METHODS OF TEACHING WRITING

Credits (Min/Max): 1/1

This is the fourth in a series of four one-credit courses designed to prepare students to teach academic writing at the secondary or post-secondary levels and/or to work in a secondary or college writers' center.

EN451
ENGLISH WRITING INTERNSHIP
Credits (Min/Max): 1/6

A field experience in selected professional environments. The student is given the opportunity to integrate theoretical knowledge with practical application under the guidance of professionals at the particular institution to which the student is assigned.

EN452
ENGLISH WRITING INTERNSHIP II
Credits (Min/Max): 1/6

A field experience in selected professional environments. The student is given the opportunity to integrate theoretical knowledge with practical application under the guidance of professionals at the particular institution to which the student is assigned.

EN455
SENIOR SEMINAR
Credits (Min/Max): 3/3

A review of methods of research, documentation and critical practice employed in literary scholarship, appropriate selected readings, oral and written presentation of a seminar paper and class evaluation of each paper presented.

PreRequisites: EN111 - COLLEGE WRITING:EXPOSITION I

EN456
RESEARCH IN ENGLISH STUDIES
Credits (Min/Max): 2/4

Individual investigation in the student's field of interest carried out under the supervision of a faculty member. The student is responsible for defining a problem, planning a course of investigation and reporting the results in a critical paper accompanied by an annotated bibliography.

EN457
ENGLISH INDEPENDENT STUDY
Credits (Min/Max): 1/6

Individual study course that is supervised by a full-time faculty member.

ESL086
LOW BEGINNING READING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Novice-High" level on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL087
LOW BEGINNING WRITING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire writing skills in English as a Second Language at the "Novice-High" level on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL088
LOW BEGINNING SPEAKING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire speaking skills in English as a Second Language at the "Novice-High" level on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL089
LOW BEGINNING GRAMMAR++
Credits (Min/Max): 4/4

This course is a part of a proficiency-based language program designed to provide maximum opportunities for students to acquire the grammar skills necessary to read, write, and speak and understand English as a Second Language at the "Novice-High" level on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL090
HIGH BEGINNER READING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Low" to "Intermediate-Mid" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL091
HIGH BEGINNER WRITING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Low" to "Intermediate-Mid" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL092
HIGH BEGINNER SPEAKING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Low" to "Intermediate-Mid" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL093
HIGH BEGINNER GRAMMAR++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Low" to "Intermediate-Mid" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL094
HIGH BEGINNER LISTENING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Low" to "Intermediate-Mid" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). The course does not apply toward college graduation credit requirements.

ESL100
LOW INTERMEDIATE READING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Mid" to "Intermediate-High" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language readings, intensive study of vocabulary, and the development of reading skills.

ESL101
LOW INTERMEDIATE WRITING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Mid" to "Intermediate-High" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language readings, intensive study of vocabulary, and the development of reading skills.

ESL102
LOW INTERMEDIATE SPEAKING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Mid" to "Intermediate-High" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language readings, intensive study of vocabulary, and the development of reading skills.

ESL103
LOW INTERMEDIATE GRAMMAR++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-Mid" to "Intermediate-High" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language readings, intensive study of vocabulary, and the development of reading skills.

ESL104
LOW INTERMEDIATE LISTENING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop listening skills in English as a Second Language at the "Intermediate-Mid" to "Intermediate-High" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). Students will increase their listening skills through practice with prepared listening texts, dialogs, discussions on related topics, experiences with native English speaking guest speakers and Internet and multimedia resources.

Prerequisites: ESL103 - ADVANCED READING

ESL105
HIGH INTERMEDIATE READING++
Credits (Min/Max): 4/4

This course is a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-High" to "Advanced" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language readings, intensive study of vocabulary, and the development of the following reading skills: (1) using context clues to guess word meanings; (2) understanding the main ideas of paragraphs and essays with some structural complexity; (3) skimming for main ideas; (4) scanning for specific information; (5) understanding inference and restatement; (6) reading paragraphs and essays for detailed understanding.

ESL106
HIGH INTERMEDIATE WRITING++
Credits (Min/Max): 4/4

This course is a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-High" to "Advanced" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language readings, intensive study of vocabulary, and the development of the following reading skills: (1) using context clues to guess word meanings; (2) understanding the main ideas of paragraphs and essays with some structural complexity; (3) skimming for main ideas; (4) scanning for specific information; (5) understanding inference and restatement; (6) reading paragraphs and essays for detailed understanding.

ESL107
HIGH INTERMEDIATE SPEAKING++
Credits (Min/Max): 4/4

This course is a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-High" to "Advanced" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language readings, intensive study of vocabulary, and the development of the following reading skills: (1) using context clues to guess word meanings; (2) understanding the main ideas of paragraphs and essays with some structural complexity; (3) skimming for main ideas; (4) scanning for specific information; (5) understanding inference and restatement; (6) reading paragraphs and essays for detailed understanding.

ESL108
HIGH INTERMEDIATE GRAMMAR++
Credits (Min/Max): 4/4

This course is a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Intermediate-High" to "Advanced" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language readings, intensive study of vocabulary, and the development of the following reading skills: (1) using context clues to guess word meanings; (2) understanding the main ideas of paragraphs and essays with some structural complexity; (3) skimming for main ideas; (4) scanning for specific information; (5) understanding inference and restatement; (6) reading paragraphs and essays for detailed understanding.

ESL109
ADVANCED READING
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Advanced" to "Advanced-Plus" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS).

ESL110
ADVANCED WRITING
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Advanced" to "Advanced-Plus" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS).

ESL111
ADVANCED SPEAKING
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Advanced" to "Advanced-Plus" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS).

ESL112
ADVANCED STRUCTURES OF ACADEMIC ENGLISH
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Advanced" to "Advanced-Plus" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS).

ESL113
INTENSIVE READING
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Advanced-Plus" to "Superior" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS).

ESL114
INTENSIVE WRITING
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Advanced-Plus" to "Superior" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS).

ESL115
INTENSIVE SPEAKING
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire reading skills in English as a Second Language at the "Advanced-Plus" to "Superior" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS).

ESL120
HIGH INTERMEDIATE LISTENING++
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop listening skills in English as a Second Language at the "Intermediate-High" to "Advanced" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Services (ETS). Students will increase their listening skills through practice with prepared and authentic listening texts, dialogs, discussions on related topics, listening and note taking activities, experiences with native English speaking guest speakers and internet and multimedia resources.

ESL130
ADVANCED LISTENING
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop listening skills in English as a Second Language at the "Advanced" to "Advanced Plus" levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Services (ETS). Students will increase their listening skills through practice with prepared and authentic listening texts, discussions on related topics, academic listening and note taking activities, experiences with native English speaking guest speakers and internet and multimedia resources.

ESL457
ENGLISH SECOND LANG INDEP STUDY
Credits (Min/Max): 1/4

Independent study for non-native speakers of English who have demonstrated a commitment to further study of English writing skills and techniques and/or English reading skills and vocabulary. The student will complete independent study in conjunction with the appropriate ESL faculty.

FIN331
INVESTMENTS
Credits (Min/Max): 3/3

An analysis of securities and a study of principles of governing the management of investment assets in light of relevant economic factors.

PreRequisites: AC204 - ACCOUNTING II

FIN332
FINANCIAL MANAGEMENT
Credits (Min/Max): 3/3

An analytical study of external sources and processes of financing. Financial analysis tools, short-and long-term financing, dividend policy and capital budgeting are examined.

PreRequisites: AC204 - ACCOUNTING II

FIN334
COMMERCIAL BANK MANAGEMENT
Credits (Min/Max): 3/3

This course incorporates a financial framework for students to view banking as a participant in the evolving financial services industry.

PreRequisites: FIN332 - FINANCIAL MANAGEMENT

FIN336
FINANCIAL INSTITUTIONS
Credits (Min/Max): 3/3

This course will provide for an understanding of the various types of financial institutions that exist and operate in the American economy. Their relationship and activities in the international environment will also be addressed.

FIN340
RISK MANAGEMENT AND INSURANCE
Credits (Min/Max): 3/3

Identifying and analyzing risk and managing it through insurance and alternative tools are integral to the overall risk management plans of individuals and firms.

PreRequisites: FIN332 - FINANCIAL MANAGEMENT

FIN433
MANAGERIAL FINANCE
Credits (Min/Max): 3/3

An advanced course in corporate finance. Case studies utilized to describe a series of decisions facing the corporate managers of domestic and multinational firms as they assess the value of various investment and financial strategies. Practical and conceptual issues facing managers in large and small firms are addressed.

PreRequisites: FIN332 - FINANCIAL MANAGEMENT

FIN439
REAL ESTATE FINANCE
Credits (Min/Max): 3/3

This course provides the basics of real estate financial analysis including legal instruments, financing residential properties, income-producing properties, real estate development, institutional sources of funds and the secondary mortgage market.

PreRequisites: FIN332 - FINANCIAL MANAGEMENT

FIN451
FINANCE INTERNSHIP I
Credits (Min/Max): 1/3

A field experience in a finance position, supervised by a field instructor as well as college faculty. The internship is designed to increase understanding of finance and the finance-related issues and perspectives as they relate to the business environment.

FIN452
FINANCE INTERNSHIP II
Credits (Min/Max): 1/3

A field experience in a finance position, supervised by a field instructor as well as college faculty. The internship is designed to increase understanding of finance and the finance-related issues and perspectives as they relate to the business environment.

FR101
ELEMENTARY FRENCH I
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in beginning French.

The goal of the course is the acquisitions of a useful, communicative command of the language at the Novice-Mid to Novice-High level on the national scale, as established by the American Council on the Teaching of Foreign Languages and the Educational Testing Service. This goal will be realized through maximum exposure to authentic target language input (oral and visual), active oral and written practice of real-life language tasks or functions (conversing with an exchange student, completing forms, etc.) and exploration of cultural subtleties conveyed by language, thought and customs.

FR102
ELEMENTARY FRENCH II
Credits (Min/Max): 4/4

As a continuation of French 101, this course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop functional listening, speaking, reading, and writing skills in beginning French.

The goal of the course is the acquisitions of a useful, communicative command of the language at a Novice-Mid to Intermediate Low level on the national scale, as established by the American Council on the Teaching of Foreign Languages and the Educational Testing Service. This goal will be realized through maximum exposure to authentic target-language input (oral and visual), active oral and written practice of real-life language tasks or functions (e.e., conversing with an exchange student, making grocery lists, completing forms, etc.), and exploration of cultural subtleties conveyed by language, thought, and customs.

PreRequisites: FR101 - ELEMENTARY FRENCH I

FR201
INTERMEDIATE FRENCH I
Credits (Min/Max): 3/3

These courses are designed to build on the student's previous skills, thereby improving oral proficiency. Vocabulary acquisition and the reading of authentic aural and written materials broaden the student's knowledge and linguistic abilities. Classroom activities focus on development of skill in self-expression. The student has many opportunities to expand cultural knowledge through films, videotapes, and informal rendezvous. Course is not open to students with an advanced or superior oral proficiency level in French.

FR202
INTERMEDIATE FRENCH II
Credits (Min/Max): 3/3

This course is designed to teach the beginning French student the four basic skills of listening, speaking, reading, and writing. The focus of this course is the development of aural/oral proficiency by means of vocabulary development, listening and speaking practice, and guided conversation. Class work emphasizes the acquisition of strategies for understanding, authentic listening and reading materials. Through such activities as classroom discussions, videotapes, and films, the student becomes acquainted with various facets of francophone culture. Course is not open to students with an advanced or superior oral proficiency level in French.

PreRequisites: FR201 - INTERMEDIATE FRENCH I

FR301
ADVANCED FRENCH LANGUAGE AND CULTURE I
Credits (Min/Max): 3/3

This course is designed to advance the student's language proficiency through the development of communicative strategies such as: how to express one's feelings; how to get and give advice; how to make plans; how to react to an opinion and how to maintain discussions. The student gains experience in using socially acceptable formats for writing both personal and business correspondence. Through carefully chosen authentic texts, cross-cultural phenomena such as contemporary social issues and business practices are explored.

FR302
ADVANCED FRENCH LANGUAGE AND CULTURE II
Credits (Min/Max): 3/3

This course is designed to advance the student's language proficiency through the development of communicative strategies such as: how to express one's feelings; how to get and give advice; how to make plans; how to react to an opinion and how to maintain discussions. The student gains experience in using socially acceptable formats for writing both personal and business correspondence. Through carefully chosen authentic texts, cross-cultural phenomena such as contemporary social issues and business practices are explored.

FR305
FRENCH CIVILIZATION
Credits (Min/Max): 3/3

A study of the French and Francophone culture, civilization, literary genres, and authors from the 16th-21st century.

FR457
RESEARCH IN FRENCH STUDIES
Credits (Min/Max): 1/6

Independent study course for students who have demonstrated an intense commitment to investigate a particular area of French studies. The student will design an independent study in conjunction with the appropriate language faculty member.

GCD123
DRAWING I(ID123)
Credits (Min/Max): 3/3

A study-workshop in the language of drawing, including practice in expression and communication in various media utilizing principles of line, tone, gesture, exaggeration and lighting. Cross-listed with ID 123

GCD125
FUND. OF ELECTRONIC PUBLISHING
Credits (Min/Max): 3/3

This course will prepare students not majoring in graphic design to work in a creative team environment toward the production of digital communication materials and graphics, and will introduce students to the web as a design vehicle for publishing and advertising.

GCD160
FOUNDATION DESIGN I(ID160)
Credits (Min/Max): 3/3

A process-oriented study of visual organization and expression primarily in relation to two-dimensional surfaces. Includes study of positive-negative space, color value, line and texture as well as inquiry into origins and theories of design relative to its practice on a functional level. Cross-listed with ID 160

GCD162
FOUNDATION DESIGN II(ID162)
Credits (Min/Max): 3/3

An extension of the study of issues initiated in GD 160 Foundation Design I, with the addition of new areas of inquiry. Student skills will be expanded and refined in such formal visual concerns as color systems, historical style conventions, special systems, optical illusions, and manipulation of form. Cross-listed with ID 161

GCD170
COMPUTER GRAPHICS I
Credits (Min/Max): 3/3

This course will explore the theories and techniques presented in GCD 160. Foundation Design I, enabling students to render and print original imagery using the primary tool of graphic design, the computer. The course will be an introduction to raster image creation, manipulation and production using professional industry standard software.

GCD171
COMPUTER GRAPHICS II
Credits (Min/Max): 3/3

This course will explore the theories and techniques presented in GCD 162, Foundation Design II, enabling students to render and print imagery using the tool of design, the computer. The course will be an introduction to vector image creation, manipulation and production, using professional industry standard software.

GCD205
DIGITAL FINE ARTS(SELAES-003)
Credits (Min/Max): 3/3

This course is intended to provide an opportunity to explore Mac computer art. The students will experience the computer studio process of creating art in relevant software, using a digital camera to manipulate images and final image animation. The effect of styles, techniques and art movements on computer images will be explored. Attention will be given to archival inks and paper. Lecture and video will provide an introduction to the new and brief history of electronic images. Cross-Listed with SELAES-003

GCD208
DIGITAL PUBLISHING
Credits (Min/Max): 3/3

The study of image and type layout, utilizing professional industry software. This course will focus on the integration of type and image through various page layout solutions and will build upon previous studies in image generation.

Prerequisites: GCD160 - FOUNDATION DESIGN I(ID160)

GCD210
GRAPHIC DESIGN METHODOLOGIES
Credits (Min/Max): 3/3

This studio course will explore, define and analyze the profession of graphic design, through a series of field trips to professional design studios, printing facilities, paper representatives, photographers and other professional specialists. The use of quantitative and qualitative research methods in visual communication will focus on real-life case studies, which will help young designers synthesize practical solutions. This course places heavy emphasis on visual problem-solving skills and will help prepare students for the Mid-Collegiate Review process.

Prerequisites: GC160

GCD211
PAINTING-PASTELS & WATERCOLORS
Credits (Min/Max): 3/3

This class will introduce the student to the techniques and methods of watercolor & pastel. The course places primary emphasis on the handling of the media.

GCD212
TYPOGRAPHY I
Credits (Min/Max): 3/3

This course introduces the alphabet as a design element as well as a means of communicating. Studies include the development and modern application of type and letterform. Projects involve the aesthetic aspects of letterforms while emphasizing the practical aspects of setting type, such as type specification, copyfitting and readability.

Prerequisites: GCD160 - FOUNDATION DESIGN I(ID160)

GCD216
DIGITAL PHOTOGRAPHY
Credits (Min/Max): 3/3

This course will explore digital capture and handling of photographs enabling the student to master the technical aspects of digital image capture. Students will learn techniques for editing and enhancing photographs, become familiar with photography's various roles: art form, journalism, advertising and will produce a portfolio of quality color and black and white prints from digital files.

GCD221
GRAPHIC DESIGN I
Credits (Min/Max): 3/3

This course investigates design principles and concepts, incorporating them into the foundations of graphic design. The student is introduced to the language and processes used to achieve effective graphic design.

GCD229
MULTIMEDIA I
Credits (Min/Max): 3/3

Appropriate software will be used to create interactive multimedia presentations, explore digital images, create special effects and facilitate interface with web design.

Prerequisites: GCD170 - COMPUTER GRAPHICS I

GCD238
AD ILLUSTRATION I
Credits (Min/Max): 3/3

The study of contemporary techniques and methods for illustrations.

Prerequisites: GCD123 - DRAWING I(ID123)

GCD240
WORD & IMAGE
Credits (Min/Max): 3/3

An In-depth study of the symbiotic relationship between words and images and the importance of integrating text with visual information to achieve professional results. Emphasis will be placed on the juxtaposition of image and text in order to produce coherent design. Problems will focus on concept generation and problem solving.

GCD247
PHOTOGRAPHIC LIGHTING TECHNIQUES
Credits (Min/Max): 3/3

This course will explore various aspects of portrait and product photography, making extensive use of lighting technique and equipment in an examination of both natural and artificial lighting environments. The course is intended to provide additional tools, techniques and insights into image production and development for the Graphic Design and Communication Design major.

Prerequisites: GCD216 - DIGITAL PHOTOGRAPHY

GCD310
WRITING & PRESENTING FOR DESIGNERS(ID310)
Credits (Min/Max): 3/3

This course will explore various writing techniques that are specific to the fields of Graphic & Communication Design and Interior Design and will include: copy and headlines, press releases, web page texts, television & radio commercial messages, design briefs and presentation notes. Students will learn effective ways to make presentations to clients in both individual and creative team situations, as well as practice their ability to articulate design concepts to an audience. In addition to being beneficial to Graphic Design and Interior Design students, the course could be offered to marketing, information systems technology and other programs in the fall of 2010. Cross-listed with ID 310

Prerequisites: GCD221 - GRAPHIC DESIGN I

GCD316
HISTORY OF FILM(AH316)
Credits (Min/Max): 3/3

The course attempts to make the student more aware of the medium as well as its place in the development of our culture. While the approach is historical, emphasis is placed upon development of the student's visual literacy. Additionally, important topics such as censorship and film propaganda are discussed. Cross-listed with AH 316

GCD322
TYPOGRAPHY II
Credits (Min/Max): 3/3

Further development of the ideas, techniques and principles studied in GCD 212. Emphasis is placed on polishing and advancing basic typography skills through the study of typography in publication design, i.e., multiple page design as it relates to layouts for books, booklets, brochures and magazines. Format and design for continuity is stressed.

Prerequisites: GCD212 - TYPOGRAPHY I

GCD324
PROFESSIONAL PRESENTATION
Credits (Min/Max): 3/3

This course is designed to provide students in the professional areas with training in preparing and giving professional presentations. Students will develop skills in audience/client assessment, research, presentation design and development, using presentation tools and presentation evaluation. Cross-listed with AM 324

GCD326
DIGITAL PREPRESS & PRINTING
Credits (Min/Max): 3/3

This course investigates the electronic preparation of images and files for print publications.

GCD329
ADVANCED WEB DESIGN
Credits (Min/Max): 3/3

Advanced Web Design continues to concentrate on the principles of design, development, and implementation of web-based solutions. Students in this class will focus primarily on the strategic efforts of constructing entire websites from the ground up - working individually and as part of a team.

Prerequisites: GCD229 - MULTIMEDIA I(formerly Multimedia for the Web)

GCD331
GRAPHIC DESIGN II
Credits (Min/Max): 3/3

A study of the organization and design of verbal information in relation to other graphic elements.

Prerequisites: GCD221 - GRAPHIC DESIGN I

GCD341
GRAPHIC DESIGN III
Credits (Min/Max): 3/3

A study of design with emphasis on communication and advanced design problems.

GCD343
DESIGN FOR PACKAGING
Credits (Min/Max): 3/3

A course covering fundamental methods and techniques for design having maximum consumer appeal. Emphasis is placed on 3-D design and point-of-purchase display design as a functional form of communication. Senior status in GCD or with permission of department chair.

GCD345
MULTIMEDIA II
Credits (Min/Max): 3/3

An in-depth study of multimedia design, theory and application for upper level Graphic Design students. Taught primarily on a MAC platform, this course utilizes software for web design, animation, and interactive CD production. Class assignments will be closely related to GCD 331: Graphic Design I, which will be taken concurrently during the second semester of the Junior year. The courses will be interrelated in terms of theory as well as outcome assessment.

Prerequisites: GCD221 - GRAPHIC DESIGN I

GCD346
MULTIMEDIA III
Credits (Min/Max): 3/3

This course is an advanced study of multimedia and video design, theory and application for upper level Design students. Taught primarily on a MAC platform, this course utilizes software for digital video production. Class assignments will be closely related to GCD 341: Graphic Design II, which will be taken concurrently during the second semester of the Junior year. The courses will be interrelated in terms of theory as well as outcome assessment.

Prerequisites: GCD331 - GRAPHIC DESIGN II

GCD351
PUBLICATION DESIGN(EN351)
Credits (Min/Max): 3/3

Intended for prospective designers as well as writers, the course will educate students in newspaper graphics and design. Hands-on experience will require participation in the La Roche Courier. Students will review and redesign the existing paper, and regularly participate with editorial illustration and photography, ad layout, design and production. Students will achieve an understanding of print production, including the utilization of four-color process and offset printing. Cross-listed with EN 351

GCD421
DESIGN STUDIO:SPECIAL TOPICS
Credits (Min/Max): 3/3

The design studio class is a full-service, student-run communications/design agency that solely creates work for legitimate, real-time clients. Students who work in the design studio will gain an appreciation and an in-depth understanding of the business of design. To gain acceptance into this course, students must fill out an application and undergo a portfolio review and interview by G&CD faculty.

GCD441
DESIGN IN ADVERTISING
Credits (Min/Max): 3/3

This course will provide an in-depth examination of selected topics in Communication in Advertising. The course will focus on theories of Communication in Advertising for both Print and Multimedia campaigns. These theories will be synthesized through the culmination of the student's educational experience to this point. The student's projects will explore these different issues and the close relationship between print and multimedia campaigns in communication. Reviewing projects that reflect the same message offline and online campaigns will be emphasized. This class will further explore issues introduced in the required Junior and Senior course work. Student solutions will be assessed and evaluated through demonstrations and presentations in a professional setting. Contributions from professionals and local firms will be a major part of this course curriculum.

GCD450
GCD:SPECIAL TOPICS
Credits (Min/Max): 3/3

A hands-on, computer-based course that explores the creation of advanced visual imagery and design with emphasis on the Adobe Photoshop CS3 application. Provides an in-depth study of the functionality of the application, and the creative possibilities that knowledge and proficiency of the application can inspire. As Adobe Photoshop is THE PREMIER image creation/photo manipulation software in the world, the advanced computer graphics course will help ensure that with the successful completion of the course, the student is more marketable in today's highly competitive marketplace.

Prerequisites: GCD170 - COMPUTER GRAPHICS I

GCD451
GRAPHIC DESIGN INTERNSHIP
Credits (Min/Max): 3/6

A practical work experience in a field setting. The student receives credits for work performed.

GCD455
GRAPHIC DESIGN IV: SENIOR DESIGN SEMINAR
Credits (Min/Max): 3/3

An open-ended senior seminar dealing with various aesthetic questions and team efforts in which students act as art director, designer, illustrator, writer, or photographer. Emphasis is placed on educational experiences that enable the student to move from hypothetical design problems to the challenge of working with clients on real jobs. Communication Design majors play a significant role on creative teams.

Prerequisites: GCD331 - GRAPHIC DESIGN II

GCD457
INDEPENDENT STUDY
Credits (Min/Max): 3/3

This course is limited to those few students who have demonstrated an unusual level of ability and an intense commitment to a particular area.

GCD458
PORTFOLIO PREPARATION
Credits (Min/Max): 3/3

This course consists of instruction and guidance in the preparation of a professional portfolio, including resume preparation and staged interviews.

GEO211
WORLD GEOGRAPHY(IS211)
Credits (Min/Max): 3/3

A study of the interactions between human beings and the land, and the influence of geography in shaping work and culture throughout the world.

GEO212
EUROPEAN GEOGRAPHY
Credits (Min/Max): 3/3

A study of the continent of Europe as a whole with an emphasis on its diversity of peoples, its resources, its advanced culture and its relatedness to the rest of the world.

GEO310
CULTURAL GEOGRAPHY & THE HUMAN MOSAIC(IS310)
Credits (Min/Max): 3/3

The many ways in which humans have changed the face of the earth in response to culture is known as the human mosaic. The course applies the major themes of cultural geography to population, language, religion, agriculture and urbanism. A basic knowledge of world geography is assumed. Core Course.

GEO313
GEOGRAPHY & WORLD AFFAIRS(IS313)
Credits (Min/Max): 3/3

An overview of various regions of the world and the environmental conditions to which people adapt. Racial, linguistic, religious and economic groupings of people will be stressed. Current world events are examined to develop knowledge about historical, geographic, climatic, political and religious environments which people inhabit. Cross-listed with IS 313

GLBL4005**WHY WE FIGHT: HISTORICAL CONFLICT IN FACT, FICTION & FILM****Credits (Min/Max): 3/3**

An integrated study of the history and the stories, both historical and fictionalized, of wars, civil wars, revolutions armed struggles between communities throughout the world. By exploring examples from both the historical record, including biography and autobiography, and the tales created about real events and/or realistic characters, such as in novels, short stories, film, and poetry, students will understand more about who goes to war, why wars are fought, and the road toward peace. This is vital because War is more than simply an absence of Peace, and in order to more fully carry out part of the colleges Mission Statement, to promote justice and peace in a constantly changing global society, we should learn more about what brings about, occurs during, and may bring to an end such tragic strife. There will be four major sections to the course: 1) The leaders, from kings and presidents to lieutenants and NCOs; 2) The common soldiers or sailors, those who follow into battle and/or those who get caught up in it; 3) the causes for which they fought/fight, from high ideals to survival; and 4) a final section that explores how the three previous issues are intertwined. Included in the course will be the rhetoric both of those who fought and those who told the stories, the methods and tools of warfare, the creation and use of propaganda, and the differing views of history/reality from opposing sides in battle.

PreRequisites: EN111 - COLLEGE WRITING I

GLBL4007**INTERNET, COMMUNICATION & DEVELOPMENT****Credits (Min/Max): 3/3**

This course explores the issues of global communication, technology and development primarily by examining how Internet and communication technologies are being used to improve development. From the least developed countries, to the pockets of poverty and deprivation in the richest countries, information and communication technologies are being used in innovative ways to improve lives. The uses of ICTs for health, education, business, government and agriculture will be studied.

GLBL4011**CRIME & TERROR: A GLOBAL PERSPECTIVE****Credits (Min/Max): 3/3**

This course, through the integration of the disciplines of criminal justice, national security studies, history, and political science will examine the concept of globalization by focusing on its key components. Elements such as technology, trade, financial networks, reduction of the power of national governments, and the creation and opening of new markets will be explored by looking at their effect on the individual and the community. The course will demonstrate how the global influences on individuals and communities affect both legitimate and illegitimate institutions and organizations. The ultimate focus will be on the increasing power and danger of global crime and terror organizations and how they operate. An appreciation of their everyday social and economic effects on individuals and communities will be developed through case studies of selected deviant organizations. The topics of differing criminal justice and political systems; state support of international money laundering operations; the increasing power of fundamentalist religious groups and their influence on terrorism; and international sharing of information will be presented and problems and solutions will be explored.

GLBL4015**EARLY CANADIAN HISTORY & TALES****Credits (Min/Max): 3/3**

An integrated study of the early history of Canada, up to the late 1800s, and the literature and films both from and about those times. Students will begin this study with the times of the first explorers, from Champlains books, to the colonization of the land and native people by the French, especially its Catholic missionaries. The course will then transition to the arrival of the British, beginning with the war that expelled French rule but not its colonists in the east, the impact of wars with America (both the Revolution and of 1812), and the push west to the edge of the Prairies. Finally, we will explore the great Arctic explorers stories, such as Franklins epic and tragic history, the Mtis rebellion in the countrys heartland, and the literal nation building accomplished by the cross continental railroad reaching Vancouver, 1871-1885, soon after the nations Confederation in 1867.

PreRequisites: EN111 - COLLEGE WRITING I

GLBL4017**DISEASES THAT CHANGED THE WORLD****Credits (Min/Max): 3/3**

The history of the world has been and continues to be significantly impacted by infectious diseases. Examples include changes in ethnic diversity in the U.S. due to European potato blights, the outcome of world wars where more soldiers died of influenza or cholera than battle wounds, the destruction and contamination of the natural environment in attempts to control malaria- and yellow fever-carrying mosquitoes, and prejudices against various national and ethnic groups as carriers of disease. At the same time that infectious diseases have altered human politics, economics and culture, human behaviors and technological advances have caused the global spread of once-isolated diseases and the emergence of new plagues. However, history has also shown that, with the right combination of scientific knowledge and global political, financial and social commitment, even the oldest and most feared microbial plagues can be controlled and possibly even eradicated. This course is a study of the history of various infectious diseases including the biological, social, economic and political factors that affect and are affected by these diseases.

GLBL4029**GLOBAL ADORNMENT****Credits (Min/Max): 3/3**

This global core curriculum course presents an interdisciplinary exploration of adornment - jewelry, body art, ornamentation and the like - as an essential component of global cultures, ritual and individual and collective identity formation and expression. The course will explore the general role of adornment in identity formation and cultural process. Students will examine the form and role of adornment has assumed in several specific cultures, exploring both differences and similarities, and the impact that globalization has had on cultural adornment in terms of preservation, alteration, and destruction. Students will also experience the process of creating cultural adornments of various types through applied design and art activities. Through the travel component (which initially may be offered separately), students will learn firsthand about adornment in a specific culture, studying the cultural, economic, and operational aspects of adornment production, sale and use.

GN502
NURSING THEORY & RESEARCH
Credits (Min/Max): 4/4

This course is designed to provide the student with knowledge about the interaction of theory and research for the acquisition of knowledge and for advanced nursing practice. It focuses on the value of scientific evidence and nursing as a discipline as the basis for providing quality care and improving nursing practice. The student will develop an understanding of the research process, acquire the knowledge and skills needed to critically evaluate nursing research and evidence-based practice. The interrelationship of theory and research will be explored, and extant theories that guide nursing practice will be examined.

GN513
ROLE DEVELOPMENT OF THE NURSE ADMINISTRATOR & NURSE EDUCATOR
Credits (Min/Max): 2/2

This course is designed to assist the student in defining and developing the advanced practice role of nurse educator or nurse administrator. The student will explore the core competencies of the roles of nurse educator or nurse administrator as these are enacted within the context of traditional and nontraditional health care and educational systems. From a theoretical perspective or role development, the student will begin to synthesize a personal framework for practice within the selected role.

GN520
HEALTH POLICY
Credits (Min/Max): 3/3

This course is designed to assist the student in understanding health care policy in the United States. This course critically examines the national health care agenda and nursing's role in relation to the health of the nation, global health, and global health policy. Federal, state, and local political structure and function are examined along with the hierarchy of political involvement, interest groups and lobbyists, advocacy strategies and ethical issues and the public policy change process. An overview of health care finance as it relates to health care systems/services is presented and strategies for influencing the regulatory process will be explored.

GN533
NURSING INFORMATICS IN NURSING ADMINISTRATION & NURSING ED
Credits (Min/Max): 3/3

This course is designed to provide the student with concepts of healthcare and nursing informatics for the nurse administrator and nurse educator. Integrating nursing science with computer technology and information science to identify, gather, process, and manage information. Current technology based health applications which support clinical, administrative, research, and educational processes and decision making will be emphasized. Trends and issues in using, designing, and managing health care information systems will be included as well as ethical and legal principles as they apply to health care information systems. Identifying and using appropriate technology for the task or project will also be discussed.

GN535
HUMAN DIVERSITY & SOCIAL ISSUES IN NURSING ADMINISTRATION & NURSING EDUCATION
Credits (Min/Max): 3/3

This course is designed to provide the student with an overview of human diversity and societal issues impacting nursing administration and nursing education. Strategies for incorporating diversity within the educational and work environment will be explored.

GN600
CAPSTONE RESEARCH EXPERIENCE
Credits (Min/Max): 3/3

This second research course is designed to provide the student with the opportunity to apply theoretical concepts and skills from the research methodology course and graduate nursing courses to the development of a capstone research experience. The student is guided in the preparation of a project specific to a phenomena related to nursing practice in the area of graduate study. Emphasis is placed on responsible participation in scientific inquiry and on adherence to principles of ethical research.

Prerequisites: GN502 - NURSING THEORY & RESEARCH

HRM511
CONCEPTS OF FIN ANAL & BUDGET
Credits (Min/Max): 3/3

This course will survey the basic principles, terminology and uses of budgeting and accounting techniques as they relate to the Human Resource function. The course will explore frameworks for understanding the interdependence between the Human Resource and Finance functions including assessing the general costs of HR and such specifics as turnover, absenteeism, EAP, technology, compensation and benefits planning, and HR budgeting.

HRM512
LEGAL ASPECTS OF HRM
Credits (Min/Max): 3/3

This course provides an introduction to the laws, regulations and court decisions covering the HRM function and the employment relationship, including labor-management, OSHA, FMLA, EEOC, ERISA, ADA, employment-at-will and other HRM-related laws. Compliance programs will also be reviewed.

HRM513
QUANT. RES. METHODS IN HRM
Credits (Min/Max): 3/3

This course is designed to provide the student with an overview of the principles of quantitative and qualitative research as it relates to the HR discipline. Various research methods and techniques are explored with the purpose of developing the student's ability to critically evaluate HR research studies and enable effective conduct of their own HR research. Specific examples include survey design, attitude research, communication, assessment and program evaluation.

HRM520
ORGANIZATIONAL BEHAVIOR (MANAGERIAL PSYCHOLOGY)
Credits (Min/Max): 3/3

This course is designed to provide the student with the background and skills to augment the student's managerial effectiveness. The course emphasizes theories of micro- meso- and macro-organizational behavior as they relate to the workplace. Human Resource topics include motivation and individual behavior, interpersonal and group behavior, job satisfaction, work stress, leadership, organizational structures and culture.

HRM523
ORGANIZATIONAL THEORY
Credits (Min/Max): 3/3

This course provides the student with a forum to explore different theoretical ways of thinking about organizations. Students will be introduced to traditional, modern, and post-modern organizational theories from different disciplines. Students will also come to understand how these theories impact the way in which we view, comprehend and act in organizations.

HRM525A
INTEGRATIVE SEMINAR
Credits (Min/Max): 3/3

This 2-term seminar provides the student with a capstone experience, designed to integrate the disciplinary knowledge gained in the program and prepare the student for effective HR practice. Students will learn how to develop and use HR strategy, how to initiate and manage HR consulting relationships, and how to use HR assessment and evaluation tools. As part of the seminar, students will design, implement and evaluate an HR consulting project in their area of concentration.

HRM525B
INTEGRATIVE SEMINAR
Credits (Min/Max): 3/3

This 2-term seminar provides the student with a capstone experience, designed to integrate the disciplinary knowledge gained in the program and prepare the student for effective HR practice. Students will learn how to develop and use HR strategy, how to initiate and manage HR consulting relationships, and how to use HR assessment and evaluation tools. As part of the seminar, students will design, implement and evaluate an HR consulting project in their area of concentration.

HRM600
HUMAN RESOURCES INFORMATION SYSTEMS
Credits (Min/Max): 3/3

Through this course, you will learn to recognize and appreciate the management of information systems as an integral part of the HR function. The course will present major technological advancements and a review of available software, which supports HR. Emphasis is on the accessibility and availability of information. Familiarity with spreadsheets and relational database management is helpful, but not required.

HRM601
COMPUTER & WEB BASED TRAINING
Credits (Min/Max): 3/3

Computer and Web-based Training is an introductory course designed to provide students with a practical approach to the theory, principles, and application skills relevant to the design of computer and web-based training courseware. This course additionally focuses on the advantages and disadvantages of electronic educational communications and the variances in the audience characteristics that warrant its success. Students will be given preliminary resources and strategies that will help in the development of instructional plans and future professional courseware design.

HRM602
MANAGING WORKFORCE DIVERSITY
Credits (Min/Max): 3/3

This course presents a study of the historical and contemporary aspects of the employment relationships of minority groups in the US with emphasis on racial and ethnic minorities as well as gender relations. The course also provides an analysis of prejudice and discrimination, as they exist in contemporary organizations.

HRM606
TOPICS IN HRM
Credits (Min/Max): 3/3

This course provides students with the opportunity to explore a current topic in the human resources management field related to the enhancement of organizational effectiveness. Possible topics include: self-managed groups and organizations; international HRM; re-engineering the organization; conflict management; and technological issues and advancements in HRM. International HRM: This course offers students a comprehensive foundation in International Human Resource Management (IHRM). The course reviews the contextual and strategic elements of IHRM, including the internationalization of business and HRM, aligning corporate strategy and structure at the global level, the international legal context, and international culture. Students will also learn about specific HRM applications in the international context, such as global talent management and staffing, international training and development, global compensation management, and international performance management.

HRM611
ADV. TOPICS IN LEGAL ASPECTS
Credits (Min/Max): 3/3

A study of the practical application of legal theory (excluding traditional labor law) to human resources management, from the development of job descriptions for use in recruiting through post-termination proceedings. Special emphasis is placed on equal employment and wage hour matters and other selected topics.

PreRequisites: HRMS12 - LEGAL ASPECTS OF HRM

HRM612
TRAINING AND DEVELOPMENT
Credits (Min/Max): 3/3

This course deals with the overall training and development process, including the design of training programs, identification of training needs, selection of training techniques, development of presentation skills and evaluation of program effectiveness. Techniques and theories of training and development of people in organizational settings are also explored.

HRM613
COMPENSATION MANAGEMENT
Credits (Min/Max): 3/3

This course examines the various direct financial, indirect financial and non-financial reward systems that are used to achieve the organizational goals of attracting, retaining, and motivating the employee. Both the employer and the employee perspectives are reviewed. Also covered are the various performance appraisal systems and their relationship to organizational reward systems.

HRM615
EMPLOYEE BENEFITS ADMINISTRATION
Credits (Min/Max): 3/3

This course presents an overview of employee benefits, planning total benefits programs, issues in the design and selection of benefits programs, costing employee benefits, different type of benefits flexible programs communicating benefits programs and selecting and using benefits consultants.

HRM617
RECRUITMENT AND PLACEMENT
Credits (Min/Max): 3/3

A survey of the basic techniques for the recruitment, selection and placement of people. Topics include the preparation of job specification, the development of a recruiting strategy, methods and procedures of recruiting and selecting candidates, and the need for proper new employee orientation.

HRM618
LEADERSHIP
Credits (Min/Max): 3/3

This course will provide the student with the opportunity to engage in contemporary discussions of leadership, theory and personal leadership effectiveness. Course topics include what leaders do, how leaders think, and how leadership is developed and learned.

HRM620
INTERVENTION & ORGANIZATIONAL CHANGE
Credits (Min/Max): 3/3

This course explores methods of organizational diagnosis, planned change and intervention, and various concepts and methods of planned organizational change. These concepts and methods will be applied to an organizational setting selected by the student.

HRM621
LABOR RELATIONS & COLLECTIVE BARGAINING
Credits (Min/Max): 3/3

A survey of the organizational and economic aspects of management/employee relationships. The main topics include a historical review of the American labor movement, an overview of the social, instructional and organizational frameworks within which the collective bargaining process occurs, and techniques of labor/management dispute management. Theories and principles of collective bargaining will be covered, and a mock bargaining session will be held to provide a "hands on" approach to bargaining.

HRM628
INTERNET & TECH RECRUITING
Credits (Min/Max): 3/3

This course introduces the student to the field of recruiting technical employees. Course materials are specifically designed to provide the student with an understanding of how to use online recruiting techniques to find technical employees. Topics include: the strategic role of HR, writing ads and advertising for jobs, selecting an online service, the future of recruiting, ethical issues in online recruiting, and technical recruiting. This is an online class.

HRM634
MANAGING INFORMATION TECHNOLOGY & CHANGE
Credits (Min/Max): 3/3

This course will cover various types of information technology, the elements of project management, implementing and evaluating the technology, managing knowledge workers and managing the change process. Students will learn that managing information technology includes more than managing a "computer." As a result, classroom discussion and student learning will include processes and procedures necessary to improve productivity and efficiency within the organization.

HRM635
SHRM LEARNING SYSTEM
Credits (Min/Max): 3/3

This course provides an overview of key areas in human resource management corresponding to the six functional areas as defined by the Human Resource Certification Institute (HRCI) and covered in the PHR and SPHR exams. These six modules are Strategic Management, Workforce Planning and Employment, Human Resource Development, Compensation and Benefits, Employee and Labor Relations, and Safety and Environment. The course is offered in cooperation with the Society for Human Resource Management (SHRM) and uses SHRM student learning materials which prepare students to take the Professional in Human Resources (PHR) and Senior Professional in Human Resources (SPHR) certification examinations administered by HRCI. Students are required to use the most current version of the SHRM Learning System Materials.

HRM636
PERFORMANCE MANAGEMENT
Credits (Min/Max): 3/3

Performance Management is the process through which managers ensure that employees activities and outputs contribute to the organizations goals. The student will learn how to design and use performance management systems to help the organization meet business objectives, link employee behaviors to organizational goals, and create administrative systems that provide information for day-to-day decisions such as salary and benefits administration, the development of training programs, and decisions regarding retention and termination.

HS110
US HIST 1607-1865 FOUNDATIONS OF A REPUBLIC
Credits (Min/Max): 3/3

A study of the history of the United States from 1607 to 1865. This course traces the development of the United States from the earliest European settlers to the formation of a republic, noting the events, people and ideas involved in the struggle to achieve that end. Particular emphasis is given to colonial America, the American Revolution, the constitutional process of 1789, and the slavery question. Core Course.

HS111
US HIST:EMERG OF MASS DEMOCRACY (1865-1945)
Credits (Min/Max): 3/3

A study of the history of the United States from 1865 to 1945. This course traces the development of the United States from the aftermath of the Civil War to its emergence as a world superpower, noting the events, people and ideas involved in that development. Particular emphasis is given to Reconstruction, industrial development and World War II. Core Course.

HS112
US HIST:CONTEMP TIMES(1945-PRES)
Credits (Min/Max): 3/3

A study of the United States since World War II as it struggles with its role in being a superpower in the world and its role in fulfilling the American dream at home. Special emphasis is placed on the Cold War, the Great Society and Vietnam, the Civil Rights Movement, and the Reagan Revolution. Core Course.

HS113
WESTERN CIVILIZATION I
Credits (Min/Max): 3/3

This course focuses on Western civilization from its origin in the Near East up through the Protestant Reformation. Special emphasis is given to the social, economic, religious, and political institutions that shaped the roots of Western Civilization. Attention is also concentrated on the place of the individual within this society. Core Course.

HS114
WESTERN CIVILIZATION II
Credits (Min/Max): 3/3

This course focuses on Western civilization from the Reformation to contemporary times. Special emphasis is given to the characteristics which define Western civilization as it emerged from the Middle Ages into modern times including science, faith, reason, capitalism, communism, the growth of institutions and the arts. Core Course.

HS200
BRITAIN AND ITS EMPIRE
Credits (Min/Max): 3/3

This course covers the early history of Britain from pre-Roman times up through and beyond the Middle Ages and explores the political, social and economic origins of the British Empire. The empire is then examined in depth at its zenith in the 19th century as it became entrenched in different world areas; we explore the impact on local peoples and nations. The course concludes with attention to the decline of the British Empire.

HS223
THE HISTORY OF ENGLAND
Credits (Min/Max): 3/3

A study of England from Roman times to the Revolution of 1688 with special emphasis on the rise of Parliament and on the growth of Common Law. This course traces the transition of England from a part of Mediterranean culture to a part of French Catholic Europe to becoming a distinctive culture of its own.

HS235
HISTORY OF LATIN AMERICA
Credits (Min/Max): 3/3

A study of the growth and development of Hispano- and Luso-America from the European Conquest to the present. Emphasis is given to the interrelationships between the Church, the Military and the State, and the effects of this relationship on the development of society. Core Course.

HS240
THE HISTORY OF WESTERN PENNA
Credits (Min/Max): 3/3

The course covers the history of Western Pennsylvania from prehistoric times to the present. Special emphasis is given to the history of Pittsburgh and Southwestern Pennsylvania; the Indian cultures; the colonial and revolutionary periods; the impact of industrialization; religion and immigration and the renaissance.

HS245
ISLAM IN THE WORLD(PS/SOC245)
Credits (Min/Max): 3/3

In this course, the basic beliefs of Islam are reviewed, along with a brief history of Islam's overall development and its impact on the world and on various civilizations in different global regions. Islam's internal sects are analyzed, and its political impact on current politics in the world is explored. The role of U.S. foreign policy in dealing with the recent rise of Islam is also analyzed. Cross-listed with PS/SOC 245

HS300
HISTORY & CULTURE OF AMER INDIAN
Credits (Min/Max): 3/3

A study of the American Indian from prehistoric time to the present with emphasis on affects of Euro-American contact on native American culture.

HS302
HISTORY OF EUROPEAN DIPLOMACY (PS302)
Credits (Min/Max): 3/3

The Internationally accepted style of diplomacy had its origins in Italy in the late 1400's. Emphasis is placed on the mechanisms of diplomacy as well as its use by European powers: classical diplomacy in the 19th century and the impact of that system on other areas of the globe. The decline of European style diplomacy in the World War/Cold War era is described. Cross-listed with PS 302

HS305
CONTEMPORARY CENTRAL AMERICA
Credits (Min/Max): 3/3

Through class lectures, discussions, essay tests, a term paper, assigned readings, and slide and video presentations, this class shall review the history of the five Central American nations and their relationships, political, economic, and social, with the United States. Such concepts as economic dependency, neocolonialism, developmentalism, free market economic theory, grassroots democracy, militarism, liberation theology, and socialism will be discussed in depth, along with the general history of the five countries. The problems of indigenous peoples, human rights abuses, class stratification, and recent changes in religion, including phenomenal growth of Pentecostalism, shall be emphasized. By so doing, it is hoped that the student will come to a sophisticated understanding of the contemporary crises in Central America.

HS308
THE GREEK WORLD
Credits (Min/Max): 3/3

The course will cover the Minoan, Hellenic and Hellenistic periods, including the study of Achaean civilization, the Classic period, Alexander's empire and the successor states. Special emphasis is placed on those aspects of Greek history and culture that are considered the foundation of Western civilization. Core Course

HS310
THE ROMAN WORLD
Credits (Min/Max): 3/3

A study of the Roman Republic and Empire from 776 B.C. to 476 A.D. Special emphasis is placed on republican institutions, the expansion of the Empire, the collapse of the Republic, the development of the reasons for the fall of the Empire. Core Course.

HS315
HISTORY/POLITICAL THOUGHT(PS315)
Credits (Min/Max): 3/3

In this course we inquire into the origins, evolution and development of political philosophies, focusing on the theories that have shaped Western political thought from ancient times to the present day. We read extensive excerpts from classic texts and analyze them in class, discussing key concepts in Western political thought such as liberty, justice, morality, political rights, and humanism. Students will also be asked to create their own political theories. Students will learn the genesis of political thought over the past 2,000 years, how to critically assess these theories, and how to create their own theories. Cross-listed with PS 315

HS317
THE MIDDLE AGES
Credits (Min/Max): 3/3

A study of the political, economic, social, religious, and intellectual developments of Europe from the fourth through the fourteenth centuries. Special emphasis will be placed on the Germanic invasions, the growth and development of Western Christianity, feudalism, the origins and growth of medieval commerce and urban life, and the development of centralized monarchies and nationalism.

HS318
HISTORY OF AFRICA
Credits (Min/Max): 3/3

In this course we investigate the origins of pre-colonial African civilizations; analyze the spread of global trade within and beyond Africa; explore the colonial period in terms of British, French and Portuguese empire-building; and examine resistance to colonialism, the independence movements, and post-colonial (contemporary) politics in Africa.

HS319
HISTORY OF JAPAN
Credits (Min/Max): 3/3

A study of Japan from its first contact with Western civilization in the 17th century to the present including the period of isolation, the opening of Japan, the rise of militarism, World War II and Japan in the modern world.

HS320
RUSSIA & THE SOVIET WORLD
Credits (Min/Max): 3/3

A study of the emergence of Imperial Russia as a European power, its expansion and industrialization, the forces which blended to bring about the Revolution of 1917, the growth and development of the Soviet Union under Lenin and Stalin, and the fall of communism. Special emphasis is given to Marxism as it has been put into practice in the Soviet system.

HS322
ORAL HISTORY: CONCEPTS AND PRACTICES (COM322/SOC322)
Credits (Min/Max): 3/3

This course investigates oral history as a primary source for recent history. It examines the strengths and weaknesses of oral history in creating a record along with other types of research. It emphasizes the conceptualization of an oral history project and the skills needed to carry it out. Each student will design a project and conduct the interviews for it.

HS323
MODERN U.S. DIPLOMATIC HISTORY (IS/PS323)
Credits (Min/Max): 3/3

This course presents a study of the major developments in American diplomatic history. Special emphasis is placed on the years from World War II until the present. Major international developments and their effects on American diplomacy are discussed along with the impact of various presidents and the influence of the United Nations. The interrelation between foreign policy and domestic opinion is also examined. Cross-listed with IS/PS 323

HS324
EXPERIENCE OF MODERN WAR
Credits (Min/Max): 3/3

A study in the growth and development of the modern style of warfare from isolated European wars to global wars. Emphasis will be placed on the changing role of technology in warfare; the changing way in which wars are fought; the impact of those changes on the changing experiences of war for the soldier and civilian; and a look at the way newspapers, music, and film shape the way war is experienced.

HS325
THE CIVIL WAR: A SOLDIER'S PERSPECTIVE: SPECIAL TOPICS IN HISTORY
Credits (Min/Max): 3/3

*This course is designed for history majors, liberal arts majors and other non-freshman level students. The student will be able to develop a historical understanding of the Civil War from the perspective of the common soldier and his family. This will be done through the following books: *Through Ordinary Eyes* by Ella Jane Bruen and *Killer Angels* by Michael Shaara.*

HS326
HISTORY OF MODERN GERMANY
Credits (Min/Max): 3/3

A study of the impact of the French Revolution on German political and cultural life; of the growth of liberalism and nationalism; of the wars of unification, Bismarckian Germany and World War I; of the rise and fall of National Socialism and of the recovery and post-war problems.

HS327
HISTORY OF MODERN EUROPE (IS327)
Credits (Min/Max): 3/3

A survey of modern European history (beginning with the turn of the century) that is intended to provide global awareness and an appreciation of the accomplishments of other cultures. This course also provides a particular perspective of the American way of life as it has been influenced by European cultures. Cross-listed with IS 327.

HS328
EAST ASIAN HISTORY (IS328)
Credits (Min/Max): 3/3

An overview of the history of Korea, Japan, China, Singapore, Taiwan, Hong Kong, and Malaysia. The domestic, political, social, and economic bases of the historical development of these nations will be considered. Political influences of other world powers will be considered. Cross-listed with IS 328

HS329**HISTORY & POLITICS-MIDDLE EAST :SPECIAL TOPIC IN HISTORY****Credits (Min/Max): 3/3**

The history of the Arab-Israeli conflict from the Palestinians' first encounter with Zionism through the current peace process of the 1990s. The history of the Jewish Enlightenment (Haskala) in 19th Century Europe and the development of Zionism through the current peace process between the state of Israel and the Arab states and the Palestinian national movement will be explored, as will the impact of colonialism and the development of nationalism in the Arab world. These various factors will be related to salient global developments of the 20th century.

HS330**WOMEN IN AMERICAN HISTORY****Credits (Min/Max): 3/3**

This course examines through women's eyes the images and realities of women's social, political, and economic lives in America from the 1600's to the present day. We will use primary documents and biographies to observe individuals and groups of women in relation to legal, religious, and social restrictions, women's vital roles in 19th century moral reform movements, the birth of the women's rights movement, and the immigrant experience. An important component of the course will be women's activism and women's roles in important social movements in the latter half of the 20th century, including civil rights, women's liberation, and gay and lesbian rights. The course concludes with an assessment of feminism in the present day.

HS336**HIST AMER POL VALUES(PS336)****Credits (Min/Max): 3/3**

In this course we explore the central values, beliefs and ideas that have helped to both shape and reflect the changing history of the United States. Special attention is paid to how particularly important values and ideas reflected certain time periods in American history, and helped to make this country unique. America's values and beliefs evolved both from social changes and grassroots political movements as well as from its leaders and influential thinkers. Cross listed with PS 336

HS337**RELIG INFL ON US DVMT(RS337)****Credits (Min/Max): 3/3**

An examination and interpretation of the religious forces that were influential in shaping American social structures, mores, law and popular opinion from the time of the first Spanish missionaries to the present. Special emphasis is placed on religious liberty in the American ideal and on religious pluralism. Core Course. Cross-listed with RS 337

HS338**HISTORY OF BLACK AMERICANS****Credits (Min/Max): 3/3**

A history of the experience of Black Americans from their origins in West Africa to contemporary times. Emphasis is given to African society prior to the advent of the slave trade; the various systems of slavery in America; the impact of slavery on American society; emancipation and reconstruction; contributions of Black Americans and self-help; Black Americans in war and the Civil Rights Movement of the 1960's and 1970's.

HS339**U.S. LABOR HISTORY & LIT(EN339) :SPECIAL TOPICS IN HISTORY****Credits (Min/Max): 3/3**

This course investigates American Labor, from colonial day to the present, from both historical and literary perspective. Cross-listed with EN 339

HS340**VARIETIES OF EARLY CHRISTIANITY****Credits (Min/Max): 3/3**

This course treats Christianity from its origins through the medieval period. Special attention is given to internal issues and external forces, which caused conflict, adjustment, development, and finally varieties within the Christian world. For instance, it explores how dissident movements, the conversion of Constantine, the Germanic invasions, and the rise of Islam, feudalism, and papal power affected Christianity. The course also attempts to analyze how tensions between the institutional church and popular religious movements influenced society. Cross-listed with PS 340

HS345**HISTORY & POLITICS OF MID EAST (PS345)****Credits (Min/Max): 3/3**

This course explores the peoples and history of the Middle East, from ancient times, including a procession of impressive empires, until their eventual domination by the Ottomans and finally, by British Empire. We investigate the accommodation of the British to Middle Eastern kingships and the impact of colonial state-building. We proceed to examine the establishment of the state of Israel and the evolution of Palestinian-Israeli relations over past half a century. Cross-listed with HS 345

HS350
HISTORY METHODOLOGY
Credits (Min/Max): 3/3

This is an introductory historical methods seminar involving students in identifying, understanding, and utilizing conceptual building-blocks of comparative historical analysis. Comparative History is rooted in a larger scholarly discipline whose elements, methodologies, and divergent philosophies will be touched on. Notions of historical stages, social classes and power structures, ideology, and identities (such as race, class, gender, nationality, etc.) will be examined, as well as culture and mentalities. There will be an identification of different areas in the discipline such as political history, intellectual history, cultural history, economic history, social history. Attention will be given to historical examinations of the rise and contradictions of revolutionary republics and totalitarian dictatorships, with reference to diverse countries. Contributions from a number of prominent historians will be utilized, and differing interpretations among historians will be probed. Throughout, there will

HS351
DEVELOPMENT IN SOUTHEAST ASIA (PS/SOC351)
Credits (Min/Max): 3/3

This course looks at the history of social, political and economic development of Southeast Asia, excluding Indochina, and focusing primarily on Indonesia, Malaysia, and the Philippines. It will discuss the contingent and dependent nature of development of these countries under the larger framework of global capitalism, and how such development affects the national historical experiences of these countries. Cross-listed with PS/SOC 351

HS352
EXPERIENCE OF MODERN WAR(PS352)
Credits (Min/Max): 3/3

A study in the growth and development of the modern style of warfare from isolated European wars to global wars. Emphasis will be placed on the changing role of technology in warfare; the changing way in which wars are fought; the impact of those changes on the changing experiences of war for the soldier and civilian; and a look at the way newspapers, music, and film shape the way war is experienced. Cross-listed with PS352

HS400C
HISTORY/POLITICS IN ITALY-TRAVEL COURSE
Credits (Min/Max): 3/3

This course is set up as a reading and research course for students interested in particular aspects of Italian history, including art history and architectural history, as well as Italian politics. Students are required to write a semester-length research paper. The course is oriented toward, but not limited to, students travelling to Italy on the La Roche College Italy Travel program typically offered once annually. Cross-listed with PS 400C

HS400D
CHINA-TRAVEL COURSE
Credits (Min/Max): 3/3

This is an interdisciplinary, study abroad course, offered to La Roche College and other PCHE students formally part of the Fall 2008 school term. The course consists of a one-week preparatory session at La Roche College (May 5-9), followed by a 2 week trip to China (May 15-30), and 3 follow-up meetings in the Fall Term, with a project to be turned in at the end of the Fall Term. All students currently enrolled at La Roche College/PCHE are eligible to register for this program and can receive 3 credits. The course is timed to coincide with the La Roche semester break and will not interfere with summer courses. The actual trip to China will begin in Beijing, China where students will visit the Forbidden City and venture out to the Great Wall. From Beijing, the class will fly to Wuhan, to spend a week visiting Wuhan University and meeting with professors and students to learn about different cultural, social, historical and spiritual aspects of China today. The focus will be the actual lived China: sch

HS450A
HISTORIANS WRITING HISTORY: SPECIAL TOPICS IN HISTORY
Credits (Min/Max): 3/3

*This special seminar provides an in-depth look at history in the making -- dealing with works-in-progress being developed by published authors Dr. Edward Brett and Dr. Paul Le Blanc. Dr. Brett's article-length manuscript, *African-American Missionaries in Central America: The Sisters of the Holy Family and Their Service to the People of Belize, 1989-1960*, deals with missionary work of the second-oldest African-American Catholic religious congregation, including the intercultural aspects of their efforts. Dr. Le Blanc's book-length manuscript, *Revolutionary Studies: Echoes of Tragedy and Hope in the Age of Globalization*, focuses on controversies in the history of the United States and Russia (with reference to other countries as well), touching on positive and negative aspects in the history of various ideologies and social movements (including those related to Christianity, anarchism, communism, labor, and civil rights), and their relevance for global problems of today. By examining works-in-progress*

HS455
SENIOR SEMINAR
Credits (Min/Max): 3/3

A research course acquainting students with historical research methods through the writing of a seminar paper and through group discussion of the research process. Required for majors.

HS456
DIRECTED RESEARCH
Credits (Min/Max): 2/4

Individual research in history supervised by a faculty member. The student defines a problem, constructs and carries out a research program and reports on the findings of the research in a critical and analytical paper.

HS457
INDEPENDENT STUDY
Credits (Min/Max): 1/3

Individual study supervised by a full-time faculty member.

HSC001
PROFESSIONAL ASPECTS OF ANESTH
Credits (Min/Max): 0/1

This course includes an introduction to the ethics, legal aspects, psychology, and professional adjustments associated with a career in anesthesia. The history of anesthesia and nurse anesthesia is presented, as well as a discussion of the role of the CRNA in department management and organization.

HSC201
RADIOLOGIC TECHNOLOGY I
Credits (Min/Max): 2/2

This introductory course will lay the groundwork for successive radiography courses. The course provides information on radiographic anatomy of the upper and lower extremities, the history of imaging and an introduction to radiation, an introduction to radiation protection, and professionalism. Extensive orientation and certification in CPR are also included in this course. This course entails approximately 56 clock hours.

HSC202
CLINICAL EDUCATION I
Credits (Min/Max): 1/1

This course provides orientation to radiographic equipment, procedures, department policies, and patient care and safety. Competency based clinical instruction is provided in examination of upper and lower extremities. This course entails approximately 80 hours of clinical experience and 35 hours of class/lab.

HSC203
RADIOLOGIC TECHNOLOGY II
Credits (Min/Max): 2/2

This course provides information on the formation and recording of the radiographic image including film processing and darkroom design and function. Patient care components, such as vital signs, oxygen administration, infection control, and patient assessment are presented. Radiographic anatomy of the chest thoracic and abdominal cavities is included. This course entails approximately 40 clock hours.

HSC204
CLINICAL EDUCATION II
Credits (Min/Max): 2/2

This course provides competency based clinical instruction in examination of the chest, abdomen, shoulder girdle, and bony thorax. This course entails approximately 120 hours of clinical experience and 40 hours of class/lab.

HSC205
RADIOLOGIC TECHNOLOGY III
Credits (Min/Max): 2/2

This course provides instruction and investigation into Medical Ethics & Law as well as Radiographic Technique. Information is provided on the controlling and influencing factors of radiographic technique formation, comparison, and conversion. An introduction to radiographic physics is included in this course. This course entails approximately 30 clock hours.

HSC206
CLINICAL EDUCATION III
Credits (Min/Max): 3/3

This course provides competency based clinical instruction in examination of the pelvis, hips and spine. This course entails approximately 240 hours of clinical experience and approximately 30 hours of class/lab.

HSC207
RADIOLOGIC TECHNOLOGY IV
Credits (Min/Max): 2/2

The biologic hazards of radiation are emphasized in the Radiobiology portion of this course. The Radiation Protection segment provides in-depth information on the concepts of radiation detection, measurement, patient and radiographer protection, agencies, and regulations. The Patient Care portion of the course focuses on contrast media, radiographic pharmacology, medical emergencies, and venipuncture instruction and certification. This course entails approximately 40 clock hours.

HSC208
CLINICAL EDUCATION IV
Credits (Min/Max): 2/2

This course provides competency based clinical instruction in examination of the skull, facial bones, and paranasal sinuses. This course entails approximately 240 hours of clinical experience and approximately 40 hours of class/lab.

HSC209
RADIOLOGIC TECHNOLOGY V
Credits (Min/Max): 2/2

This course provides information on the equipment and physics of x-ray production, and quality control requirements. Special imaging methods and alternate imaging modality equipment will be presented. This course entails approximately 40 clock hours.

HSC210
CLINICAL EDUCATION V
Credits (Min/Max): 2/2

This course provides competency based clinical instruction in radiographic examinations of the digestive, urinary, hepatobiliary, and respiratory systems as well as the soft tissues of the neck. Formal film critique is also presented. This course entails approximately 240 hours of clinical experience and 40 hours of class/lab.

HSC211
RADIOLOGIC TECHNOLOGY VI
Credits (Min/Max): 2/2

Information on various pathologic conditions and their impact on the radiographic process is presented in this summer session. This course entails approximately 15 clock hours.

HSC212
CLINICAL EDUCATION VI
Credits (Min/Max): 2/2

This course provides competency based clinical instruction in radiographic examinations of the endocrine, circulatory, nervous, and reproductive system, as well as on arthrography. This course entails approximately 192 hours of clinical experience and 15 hours of class/lab.

HSC213
RADIOLOGIC TECHNOLOGY VII
Credits (Min/Max): 2/2

Students in the A.S. program in radiologic technology enroll for 26 credits in radiologic technology principles and clinical practice, taught at Ohio Valley General Hospital School of Radiography. Portions of this internship are taught each semester, for six consecutive semesters (fall, spring and summer of years 1 and 2).

HSC500
PHARMACOLOGY I
Credits (Min/Max): 3/3

This course introduces the basic principles of pharmacology. Topics include the pharmacokinetics of drug absorption, distribution, metabolism and excretion; the mechanisms of drug action; drugs affecting the central nervous system and the autonomic nervous system; inhaled anesthetics; and neuromuscular blocking agents and reversal.

HSC501
PHARM OF ANESTHETIC AGENTS II
Credits (Min/Max): 3/3

This course is a continuation of Pharmacology I. It is an intensive and comprehensive study of drugs and adjuvant agents currently utilized in the practice of anesthesia and therapeutics. The course will include a review of local and intravenous anesthetics; narcotic agonists and antagonists; other psychotropic agents; anti-inflammatory drugs; and drugs that act on the cardiovascular, respiratory, renal, hepatic, gastrointestinal and hematological systems.

Prerequisites: HSC500 - PHARMACOLOGY I

HSC503
ORGANIC & MEDICINAL CHEMISTRY
Credits (Min/Max): 3/3

This is a one-semester survey course in organic chemistry organized around the functional groups of compounds. Aspects of organic chemistry pertinent to health, environment, and biochemistry are stressed. Time permitting, classes of drug molecules will also be examined. Because concepts such as spatial orientation and geometric, optical and conformational isomerism are essential to an understanding of drug action, these concepts are essential to the course.

HSC504
BIOCHEMISTRY
Credits (Min/Max): 4/4

This course is an introduction to the chemistry of living organisms. It includes a discussion of cellular macromolecules, metabolic pathways, energy transformation and respiratory mechanisms. The composition of body fluids is also considered. The effects of anesthesia on body fluids, on the function of major organs, and on the activity of specialized molecules will be described. The major theories of narcosis and their biochemical implications will be examined.

Prerequisites: HSC503 - ORGANIC & MEDICINAL CHEMISTRY

HSC510
RESEARCH METHODOLOGY
Credits (Min/Max): 3/3

This course is designed to explore the nature, value, and utility of nursing research. An overview of the process by which research is conceived and conducted is presented, with emphasis on varying approaches and methodologies, conceptual consistency, and ethical considerations. Critical appraisal of published research affords the student the opportunity to become a more discriminating consumer of research and a better-informed participant in the research process. The relationships among research, theory, and practice are presented and linked to the student's arena of practice.

HSC512
MEDICAL PHYSICS
Credits (Min/Max): 4/4

This is a survey course in physics, which will cover topics of importance to anesthetic applications. Essential concepts related to atomic structure, pressure, hydrostatics, hydrodynamics, the ideal gas laws, diffusion, heat and vaporization will be presented. The physics of fire and explosions as well as safety issues will be discussed. The development of problem solving skills will be emphasized.

HSC521
ANAT, PHYS, & PATHOPHYS I
Credits (Min/Max): 5/5

This course is a study of the structure and function of the human body. Emphasis is placed on the nervous, muscle and cardiovascular systems. Selected pathophysiology of each of the above systems will be examined.

HSC522
ANAT, PHYS, & PATHOPHYS II
Credits (Min/Max): 5/5

This course is a continuation of Anatomy, Physiology, and Pathophysiology I. The course will cover the cardiovascular, respiratory, renal, hepatic and endocrine systems. Selected pathophysiology of each of the above systems will be discussed.

Prerequisites: HSC521 - ANAT, PHYS, & PATHOPHYS I

HSC530
ANESTHESIA DIDACTICS I
Credits (Min/Max): 6/6

This course is an introduction to anesthesia practice and techniques. It includes topics which deal with pre-operative evaluation and interview of patients, anesthetic drugs, anesthesia selection and care plans, patient positioning, fire safety, postoperative visits, monitoring, anesthesia machines, airway management, venipuncture, and other principles of anesthetic management.

HSC612
NURSING RESEARCH II
Credits (Min/Max): 3/3

This course is designed to provide the opportunity for continued investigation into the role of research in nursing practice. Through a variety of research activities students will be invited to apply the concepts of research and the research process that were presented in Nursing Research I to an independent exploration of a selected area of interest in nursing.

Prerequisites: HSC510 - RESEARCH METHODOLOGY

HSC630
ANESTHESIA DIDACTICS II
Credits (Min/Max): 6/6

This course examines specific anesthetic techniques used for surgery involving pediatric, neurosurgical, obstetric, thoracic, dental, endoscopic, vascular, cardiac, abdominal, emergency, diagnostic and outpatient procedures. Conferences will be an integral part of this course and will include a review of journal articles and case discussions.

Prerequisites: HSC530 - ANESTHESIA DIDACTICS I

HSC655
ADVANCED THEORY & PROC OF ANESTH
Credits (Min/Max): 4/4

This course is designed to build upon the student's basic knowledge and skills. It will encompass and integrate a variety of input for medical and anesthetic management. It will focus on a greater depth of understanding and the ability to analyze concurrent problems that can arise in patient care and propose an appropriate course of management.

ID111
INTERIOR GRAPHICS I
Credits (Min/Max): 3/3

An introduction to the drafting techniques that are used by the interior designers to represent built environments, as well as the components found in them, with scale drawings. Instruction focuses on understanding concepts and developing the skills needed to produce manually-generated and computer-generated drawings, architectural lettering, and drawing composition.

ID120
INTERIOR DESIGN I
Credits (Min/Max): 3/3

An introductory course in interior design theory, principles, and processes, which are applied to spaces with simple design programs where people live and work.

Prerequisites: ID111 - PERSPECTIVE DRAWING

ID121
INTERIOR DESIGN GRAPHICS II
Credits (Min/Max): 3/3

A continuation of Interior Design Graphics I. This course focuses on three-dimensional drawing techniques using both manual and computer methods. Course content includes perspective construction, freehand sketching, drawing delineation, introduction to rendering, and presentation graphics (e.g., board compositions and layout, reproduction methods).

Prerequisites: ID111 - PERSPECTIVE DRAWING

ID123
DRAWING I(GCD123)
Credits (Min/Max): 3/3

A study-workshop in the language of drawing including practice in expression and communication in various media utilizing principles of line, tone, gesture, exaggeration and lighting. Cross-listed with GCD 123

ID160
FOUNDATION DESIGN I(GCD160)
Credits (Min/Max): 3/3

An introductory course in the creative process, the principles of design and elements of art, which are fundamental to all two and three dimensional design pursuits. Studio projects will explore the relationship between concept and execution, with emphasis on the principles of design and the elements of line, shape, value, texture, form and space. This course will emphasize the link between foundation design and digital technology by requiring at least one project using the computer and appropriate software.

ID162
FOUNDATION DESIGN II(GCD162)
Credits (Min/Max): 3/3

An extension of the study of issues initiated in ID 160 Foundation Design I, with the addition of new areas of inquiry. Student skills will be expanded and refined in such formal visual concerns as color systems, historical style conventions, special systems, optical illusions, and manipulation of form.

Prerequisites: ID160 - FOUNDATION DESIGN I(GCD160)

ID170
COMPUTER GRAPHICS I
Credits (Min/Max): 3/3

In development

ID171
COMPUTER GRAPHIC II
Credits (Min/Max): 3/3

In development

ID215
COMPUTER GRAPHICS FOR ID
Credits (Min/Max): 3/3

An advanced skills course in computer-aided design (CAD) and other computer graphic software programs. This course builds upon principles, concepts, and techniques learned in ID 111, ID Graphics I and ID 121, ID Graphics II for designing with two-and-three dimensional computer-aided drafting software. Students are provided with extensive hands-on experience to familiarize themselves with the capabilities of the computer and the graphic programs that are commonly used in interior design practice.

PreRequisites: CIS105W - PRACTICAL COMPUTER APPLICATIONS

ID232
HISTORY OF ID & ARCHITECTURE I
Credits (Min/Max): 3/3

A survey of interiors and architecture from the ancient world through the gothic period. Emphasis is on understanding the development of our consciousness of space and the relationship between plan development, structural concepts, technology and materials.

PreRequisites: EN112 - COLLEGE WRITING:EXPOSITION II

ID235
INTERIOR PHOTOGRAPHY
Credits (Min/Max): 3/3

An investigation into the special concerns of architectural photography and the use of the camera as a design tool. Students photograph existing interiors, work in progress and design projects in model and drawing form.

PreRequisites: ID110 - DESIGN FUNDAMENTALS

ID237
TEXTILES FOR INTERIORS
Credits (Min/Max): 3/3

A thorough investigation into the history, manufacture, application and installation of fibers and fiber-based products used in interior spaces. Criteria for evaluating performance, compliance with fire and building codes, and impact on the environment are discussed.

PreRequisites: ID246 - BUILDING TECH II:FINISH MATERIAL

ID238A
INTERIOR DESIGN II(A)
Credits (Min/Max): 3/3

An investigation of the design process with emphasis on basic programming tools, concept development and the relationship between form, function and place-making. Design projects, emphasizing commercial with at least one residential, range in size up to 6000 square feet. Project organization is from simple to complex in each semester.

ID238B
INTERIOR DESIGN II(B)
Credits (Min/Max): 3/3

An investigation of the design process with emphasis on basic programming tools, concept development and the relationship between form, function and place-making. Design projects, emphasizing commercial with at least one residential, range in size up to 6000 square feet. Project organization is from simple to complex in each semester.

PreRequisites: ID238A - INTERIOR DESIGN II (A)

ID239
HISTORY OF ID & ARCHITECTURE II
Credits (Min/Max): 3/3

A survey of interiors and architecture from the Renaissance through the 18th century, with special emphasis on styles and furniture.

Prerequisites: EN112 - COLLEGE WRITING: EXPOSITION II

ID244

BUILDING TECH I: CONSTRUCTION

Credits (Min/Max): 3/3

An overview of architectural building systems that affect the responsibilities and decisions of interior designers and facility managers. Emphasis is placed on structural systems and architectural components of buildings (e.g., floors, walls, ceilings, doors, windows, moisture protection, etc.) as well as relevant vocabulary, codes, and environmental concerns.

Prerequisites: ID121 - INTERIOR DESIGN GRAPHICS II

ID245

ARCHITECTURAL RENDERING

Credits (Min/Max): 3/3

An advanced course in the delineation of the interior space. Emphasis is on the development of individual style and expanded technical rendering knowledge.

Prerequisites: ID121 - PRESENTATION TECHNIQUES

ID246

BUILDING TECH II: FINISH MATERIAL

Credits (Min/Max): 3/3

The study of finish materials as they pertain to interior spaces. Materials are investigated in relation to their installation on floors, walls, and ceilings. Criteria for evaluating performance under differing conditions, compliance with fire and building codes, and impact on the environment are discussed. Conventional and innovative uses of finish materials to enhance design concepts are explored.

Prerequisites: ID121 - INTERIOR DESIGN GRAPHICS II

ID248

FURNITURE & CUSTOM DETAILING

Credits (Min/Max): 3/3

A studio course that provides instruction and hands-on experiences related to the materials, design, and construction techniques of furniture, cabinetry, and millwork detailing.

Prerequisites: ID238A - INTERIOR DESIGN II (A)

ID250

DIRECTED STUDY (COM/GCD250)

Credits (Min/Max): 1/3

This directed study opportunity meets the needs of students who require individual help with specific aspects of their major that cannot be sufficiently addressed by an existing course.

ID250A

DIRECTED STUDY

Credits (Min/Max): 1/3

This directed study opportunity meets the needs of students who require individual help with specific aspects of their major that cannot be sufficiently addressed by an existing course.

ID250B

DIRECTED STUDY

Credits (Min/Max): 1/3

This directed study opportunity meets the needs of students who require individual help with specific aspects of their major that cannot be sufficiently addressed by an existing course.

ID250C

DIRECTED STUDY

Credits (Min/Max): 1/3

This directed study opportunity meets the needs of students who require individual help with specific aspects of their major that cannot be sufficiently addressed by an existing course.

ID310
WRITING & PRESENTING FOR DESIGNERS(GCD310)
Credits (Min/Max): 3/3

This course will explore various writing techniques that are specific to the fields of Graphic & Communication Design and Interior Design and will include: copy and headlines, press releases, web page texts, television & radio commercial messages, design briefs and presentation notes. Students will learn effective ways to make presentations to clients in both individual and creative team situations, as well as practice their ability to articulate design concepts to an audience. In addition to being beneficial to Graphic Design and Interior Design students, the course could be offered to marketing, information systems technology and other programs in the fall of 2010. Cross-listed with GCD 310

ID315
STUDY OF GREAT AMERICAN HOUSES
Credits (Min/Max): 3/3

A study of great houses in the United States from early salt boxes to Mies' Farnsworth House. Emphasis is placed on historic context and each structure's contribution to contemporary residential design.

ID328A
INTERIOR DESIGN III(A)
Credits (Min/Max): 3/3

An investigation into the development of complex interior spaces. Students are encouraged to develop a holistic approach to the design process as they learn to integrate design, technical, regulatory, and budgetary issues. Design projects that emphasize commercial and adaptive reuse, and one residential project, range in size from 5,000 to 10,000 square feet.

ID328B
INTERIOR DESIGN III(B)
Credits (Min/Max): 3/3

An investigation into the development of complex interior spaces. Students are encouraged to develop a holistic approach to the design process as they learn to integrate design, technical, regulatory, and budgetary issues. Design projects that emphasize commercial and adaptive reuse, and one residential project, range in size from 5,000 to 10,000 square feet.

PreRequisites: ID328A - INTERIOR DESIGN III (A)

ID332
HISTORY OF ID & ARCHITECTURE III
Credits (Min/Max): 3/3

survey of nineteenth and twentieth century interiors and architecture in Europe and the United States. Special emphasis is placed on designers and their contribution to contemporary American environment.

PreRequisites: EN112 - COLLEGE WRITING:EXPOSITION II

ID340
BUILDING TECH III: LIGHT & ELEC
Credits (Min/Max): 3/3

Fundamentals of lighting design and an overview of power distribution and communications systems pertinent to interior spaces. Technical aspects of lighting, its effect on behavior and perceptions of space, color, and finish materials, and environmental concerns specific to lighting are examined. Current issues relative to power distribution and telecommunication systems are incorporated. Emphasis is on the application of technical knowledge to design projects and the management of the workplace.

PreRequisites: ID238A - INTERIOR DESIGN II (A)

ID341
BUILDING TECH IV: CONTROL SYSTEM
Credits (Min/Max): 3/3

An overview of mechanical (HVAC), plumbing, fire detection and suppression, acoustic, security, and transportation systems as they relate to the design and management of interior spaces. Emphasis is given to the application of technical knowledge to indoor air quality and the design of interior environments.

PreRequisites: ID238B - INTERIOR DESIGN II (B)

ID355
KITCHEN AND BATH DESIGN
Credits (Min/Max): 3/3

An elective interior design course that provides the opportunity for studying the fundamentals of kitchen and bath design. Aspects of technology, accessibility and applicable building codes will be examined. Material, equipment and finish selection, cabinetry detailing and the integrations of lighting, electrical and mechanical systems will be explored.

PreRequisites: IDCCR - COMPLETION OF CONCLUSIVE REVIEW

In this course, students will undertake in-depth study of the fundamental principles of literary analysis through an exploration of American, British, and Native American literature concerning the physical environment and its relationship to human beings and societies. Beginning with Classical and Romantic instances of pastoral poetry, the course will trace the nineteenth-century dawning of an environmentalist consciousness and the twentieth-century legacy of literature protesting environmental degradation. The course will conclude with considerations of two contemporary developments in the tradition of environmental literature: the emergence of ecocriticism (literary criticism centered on the relationship between language and the natural world), and the rediscovery of Native American environmentalism as a model for human being in, and wardenship of, the Earth. Students will thus learn to connect literature and the study of literature to issues of significance in the present time.

SELLIT-010
WORLD LITERATURE II(EN222)
Credits (Min/Max): 3/3

A study of selected works in a variety of genres centered primarily around major literary movements from the Renaissance through contemporary literature.

SELLIT-011
ISSUES IN AMERICAN LIT II(EN239)
Credits (Min/Max): 3/3

Literature from the time of the Civil War to Post World War II will be examined as it portrays such issues as our pluralistic society, war, death, characters caught in a limiting environment, responses to the age of anxiety, protest, evolving attitudes toward male and female identity and relationships, ethical responsibility, disenchantment, reconciliation and the celebration of the human potential. The course will also introduce basic technical elements of each genre used by American authors. Cross-listed with EN239

SELLIT-012
SPECIAL TOPICS IN LITERATURE (EN440)
Credits (Min/Max): 3/3

An examination of the poetry of contemporary poet Sam Hazo. Includes a poetry recitation by Hazo and frequent class visits by the poet to discuss the art of writing poetry and to work with students on writing their own poetry.

SELLIT-013
ISSUES IN AMERICAN LIT I(EN236)
Credits (Min/Max): 3/3

Literature from Puritan times up to the Civil War will be examined as it portrays such issues as responses to a new environment, ecology, ethnic and sexual stereotyping, literature as didactic message or entertainment, ethical choice, pessimistic and optimistic views of human nature. The course will also introduce basic technical elements for each genre used by American authors.

SELLIT-014
COMIC BOOKS & GRAPHIC NARRATIVE
Credits (Min/Max): 3/3

In this course, we will explore the medium of graphic narrative or sequential art. We will study the antecedents, origins, and development of graphic narrative, the cultural contexts and significance of the medium, and the verbal and pictorial properties of the form. At the same time, we will develop sufficient proficiency in the form to produce our own graphic narratives. The course thus provides students historical, theoretical, and practical knowledge of an important and emergent form of narrative art.

SELPHL-002
WORLD VIEWS & IDENTITY
Credits (Min/Max): 3/3

This course provides an introduction to philosophy and philosophical thinking through an in-depth study of the fundamental philosophical disciplines of metaphysics and ontology. This includes an examination of the relationship between cultural traditions and their views on the nature of reality, or Being. An essential component of these worldviews entails perspectives regarding individual or personal identity and meaning, that is, issues about the nature of self. This analysis of metaphysics and ontology will be grounded primarily upon the study of critical texts.

SELPHL-003
WORLD RELIGIONS(RS103)
Credits (Min/Max): 3/3

This course examines the historical development together with the religious beliefs and practices of the major religions of the world including Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shinto, Judaism, Christianity, Islam and Zoroastrianism. The teachings of each religion regarding the Absolute, the world, the nature of humans, the problem facing humans, the solution of the problem for humans, Community and Ethics, Rituals and Symbols, and what happens after death will be studied. The course also includes an examination of the beginnings of religion in human history as well as the characteristics of tribal and national religions.

SELPHL-005
CHRISTOLOGY(RS214)
Credits (Min/Max): 3/3

A systematic study of the beliefs of the church in the person of Jesus as reflected in Scripture and the early church councils and a survey of contemporary Christological teaching. Cross-listed with RS 214

SELPHL-006
OLD TESTAMENT(RS101)
Credits (Min/Max): 3/3

This course will introduce students (non religious studies majors) to contemporary Old Testament scholarship. The 47 books of the Old Testament were composed over 800 years beginning in the 10th c. B.C. and extending to the 2nd c. B.C. To fully appreciate and correctly interpret any O.T. book, students must be aware of the historical developments in Israel as well as in the surrounding Near East during the period in which a book was composed. Students will also be instructed in the basic tenets of textual criticism, source criticism, form criticism, and redaction criticism as these pertain to the books of the Old Testament.

SELPHL-007
BIBLE AS LITERATURE(SELLIT-004)
Credits (Min/Max): 3/3

This course will explore the Hebrew and Christian Scriptures as literary texts. Students will examine the language, images, and structures of selected books of the Bible. Various approaches to Biblical study will be utilized including form and source criticism, narrative analysis, genre analysis, and rhetorical analysis. Issues to be addressed include the variety of interpretative strategies, the choice of translations, narrative and characterization strategies, the influence of the Bible on Western Tradition.

SELPHL-008
PARABLES AS LITERATURE
Credits (Min/Max): 3/3

In this course students will study the parables of the Gospel tradition, their roots in the rabbinical schools, cultural settings and parallels. The course will also examine the form through both literary and cinematic comparisons in contemporary culture.

SELPHL-009
LITERATURE OF THE GOSPELS
Credits (Min/Max): 3/3

This course is an introduction to the four Gospels of Matthew, Mark, Luke and John. It will begin with an examination of textual criticism, source criticism, form criticism, and redaction criticism as these disciplines impact on the Gospels as literature.

SELPHL-010
JESUS IN FILM & HISTORY (SELHS-004)
Credits (Min/Max): 3/3

The story of Jesus is told and retold in every age and culture. For more than two centuries, however, there has also been a serious project of seeking the historical Jesus. In recent times this has engaged such disciplines as history, cultural anthropology, and archeology. This course will provide the opportunity for viewing and discussing a variety of film portrayals of Jesus in comparison with the canonical gospel accounts and current historical Jesus research. Both socio-rhetorical reading of the Gospels arising from current biblical scholarship and readings of the films arising from narrative theology will be emphasized. Attention will also be given to relevant historical methods and historiography.

SELPHL-011
NEW TESTAMENT(RS102)
Credits (Min/Max): 3/3

A general introduction to the New Testament and overview of the historical, religious and cultural milieu in which these Scriptures originated. Cross-listed with RS102

SELPHL-012
INTRO TO PHILOSOPHY(PH121)
Credits (Min/Max): 3/3

This is a survey course that presents the principal philosophical problems, questions, and systems. Consideration is given to representative schools of philosophy, especially the foundational teachings in Plato and Aristotle. The relationship of philosophy to other disciplines, arts and sciences is examined. Cross-listed with PH 121

SELPHL-013
ETHICS(PH226)
Credits (Min/Max): 3/3

A survey of historical and contemporary responses to significant moral problems encountered in the Christian life. Topics include conscience, racism, peace and war, ecology, population control, economic justice and capital punishment. Cross-listed with PH 226

SELSCI-001
INTRO CHEM: BRAVING THE ELEMENTS
Credits (Min/Max): 3/3

This course, designed especially for the non-science major, explores the fundamental aspects of chemistry in a variety of familiar and often newsworthy contexts. Applications to environmental problems, drug design, plastics and polymers, and alternative energy sources are some of the facets of this important science. A variety of activities will allow students to investigate chemical phenomena. No prior knowledge of chemistry is expected.

SELSCI-002
INTRO BIOLOGY: BUGS & BREW
Credits (Min/Max): 3/3

This course is an introduction to the biological sciences for the non-science major that presents fundamental principles of biology through a study of human interactions with microbes, such as bacteria and viruses. Topics will include an explanation of what microbes are, how they are similar to and different from other living things, where and how they live, and the roles of microbes in making food and beverages, in biotechnology for agriculture, medicine, or pollution control, and in human diseases. Discussion of current topics from the news and hands-on discovery activities will be included.

SELSCI-003
INTRO TO HUMAN BODY: SYSTEMS THAT MOVE YOU
Credits (Min/Max): 3/3

This course will explore the basic concepts of human anatomy and physiology of the body systems responsible for movement. Specifically, the structure, function, interrelationships and control of the skeletal, skeletal muscle, and nervous systems will be studied. This course is open only to non-science majors.

SELSCI-004
EXPERIMENTAL PHYSICAL SCIENCE
Credits (Min/Max): 3/3

This course is designed for anyone interested in experiencing first-hand the process of the scientific inquiry. In this process students and the professor will pose investigable questions about some physical phenomena. Students will then use the analysis of observations from experiments to develop an understanding of these physical concepts. This understanding will develop through individual, small group and whole class investigation and discussion. As a final stage in this cycle, connections will be made to the classical laws and principles of physics and chemistry, which govern these phenomena.

SELSCI-005
INTRO COMP SCI: BITS, BYTES & BEYOND
Credits (Min/Max): 3/3

This course is designed specially for the non-Computer Science major. It is designed to emphasize fundamental aspects of Computer Science as a discipline. Students will be introduced to what a computer is, how it works, and how we interface with it. Attention is given to analyzing our thought processes during problem solving and developing algorithms for later use in a program. No prior knowledge of computer science is expected.

SELSCI-006
INTRO TO PHYS SCIENCE: LET'S GET PHYSICAL
Credits (Min/Max): 3/3

This course is designed for anyone interested in experiencing first-hand the process of the scientific inquiry. In this process students and the professor will pose investigable questions about some physical phenomena. Students will then use the analysis of observations from experiments to develop an understanding of these physical concepts. This understanding will develop through individual, small group and whole class investigation and discussion. As a final stage in this cycle, connections will be made to the classical laws and principles of physics and chemistry, which govern these phenomena.

SELSCI-007
CSI: CHEMISTRY!: CHEMICAL PRINCIPLES IN CRIMINALISTICS
Credits (Min/Max): 3/3

This course provides an introduction to the principles of chemistry within the context of forensic science applications. In particular, study of atomic and molecular structure, bonding, energy changes, and chemical reactions will provide the foundation for examining a variety of analytical tools as they are used in the solving of crimes. The course includes an introduction to spectroscopy and chromatography, as well as traditional wet chemistry methods. While this is not a standard laboratory course, students will participate in a variety of laboratory activities.

SELSCI-008
PRINCIPLES OF CHEM I (CH107)
Credits (Min/Max): 3/3

An introduction to the basic principles of general, organic and biochemistry. The principles are related to living systems including the properties and metabolism of proteins, carbohydrates, lipids and nucleic acids. Lecture and laboratory course. Cross-listed with CH 107

SELSCI-009
INTRO BIO: CSI
Credits (Min/Max): 3/3

This course is an introduction to the biological sciences for the non-science major that presents fundamental principles of biology through a study of crime scene investigations and forensic biology. Topics will include the scientific method of investigation; the nature of biological samples including important structures and functions in cells, tissues and organisms; the structure, functions and analysis of DNA; the use of DNA and other biological evidence in forensics, including issues related to inheritance and population genetics; and the study of biological evidence in context with the natural environment where it is found. Discussion of current topics from the news and hands-on discovery activities will be included.

SELSCI-010
THE NATURAL SCIENCES(NS101)
Credits (Min/Max): 3/3

An introduction to the basic concepts of biology, chemistry and physics, which stresses practical applications. Topics include survey of the fundamental concepts of atoms and molecules as the basic building blocks of matter, an overview of the life sciences with an emphasis on human biology and a discussion of the principles underlying common physical phenomena. Open to non-science majors. Core Course.

SELSCI-011
LIFE SCIENCE(BL101)
Credits (Min/Max): 3/3

An introductory course directed toward the development of an answer to the question: What is life? The course explores various life processes and the human person's position in the total scheme. Emphasis is placed on current scientific discoveries. This course is not open to science majors. Cross-listed with BL 101

SELSCI-012
INTRO TO COMPUTER SCIENCE
Credits (Min/Max): 3/3

This course is an introduction to the field of computer science. A scientific foundation of many aspects of CS will be developed upon which more advanced CS courses will build. Topics include: computer design, computer programming, information processing, algorithm design, operating systems, software engineering, and artificial intelligence. Cross-listed with CS 102

SELSOC-001
RACE, CLASS AND GENDER
Credits (Min/Max): 3/3

This course is an introduction to the study of society through the critical analysis of social relations, behavior, and organization. It is designed to facilitate students to develop a broad knowledge of how social structures and human behavior influence each other, as well as to identify the issues that arise from such interactions. In order for students to critically analyze contemporary social issues and problems, such discussions will focus along the dimensions of race, class, and gender. No prior knowledge of sociology is expected. Cross-listed with SOC 121

SELSOC-002
INTERNATIONAL JUSTICE SYSTEMS
Credits (Min/Max): 3/3

This select social/cultural systems course familiarizes the student with a variety of justice systems found throughout the world. Based on history, culture, and a variety of other influences, the justice system of various countries reflect distinctive national priorities, political influences, and forms of government. The debate concerning due process versus crime control is viewed from the international perspective.

Prerequisites: EN112 - COLLEGE WRITING: EXPOSITION II

SELSOC-003
WOMEN IN AMERICAN SOCIETY (SOC126)
Credits (Min/Max): 3/3

This course is an introduction to the field of women's studies that focuses on the significance of gender in shaping the culture, society, and influence of the United States. Drawing upon a diverse set of theories, methods, and approaches from the social sciences, this course focuses primarily on the interrelated dynamics of gender at both the individual and societal levels in the United States, although we will view this country from both a comparative and an international perspective, showing how gender-related social and cultural phenomena vary across countries. Among the topics covered are cultural norms and values, socialization, interpersonal behavior, strategies of power and influence, gender-based violence, sexuality and reproduction, and social institutions such as the family, workplaces, government, education, religion and the media.

SELSOC-004
RACE & ETHNICITY(SOC134)
Credits (Min/Max): 3/3

A study of the social relationships of racial, ethnic, religious and other minority groups with emphasis on personal, cultural and social development. Cross-listed with SOC 134

SELSOC-006**RACE, CLASS & GENDER: INTRO TO SOCIOLOGY(SOC121)****Credits (Min/Max): 3/3**

This course is an introduction to the study of society through the critical analysis of social relations, behavior, and organization. It is designed to facilitate students to develop a broad knowledge of how social structures and human behavior influence each other, as well as to identify the issues that arise from such interactions. In order for students to critically analyze contemporary social issues and problems, such discussions will focus along the dimensions of race, class, and gender. No prior knowledge of sociology is expected. Cross-listed with SELSOC-006

SELSOC-007**GLOBAL SOCIAL PROBLEMS(SOC123)****Credits (Min/Max): 3/3**

This course is a study of current social problems that take place across the globe. It emphasizes the application of sociological concepts to the critical analysis of social issues and problems in contemporary societies throughout the world, including the US. Cross-listed with SELSOC-007

SELSOC-008**INTRO TO COMMUNICATION(COM101)****Credits (Min/Max): 3/3**

In this course the student examines human, verbal, non-verbal and visual communication. Through an interactive classroom the student will combine the theory and definitions of the text with their experience to clarify and understand the concepts that make up human communication. In the classroom, writing, making presentations, working in groups, solving problems and applying creativity to the concepts of communication will be some of the ways the students learn and reinforce the subject matter. Written papers, research and computer-mediated-communication further reinforce the concepts of the course and serve as a means of evaluation of the student's understanding and absorption of the material. Cross-listed with COM 101

SOC121**RACE, CLASS & GENDER: INTRO TO SOCIOLOGY(SELSOC-006)****Credits (Min/Max): 3/3**

This course is an introduction to the study of society through the critical analysis of social relations, behavior, and organization. It is designed to facilitate students to develop a broad knowledge of how social structures and human behavior influence each other, as well as to identify the issues that arise from such interactions. In order for students to critically analyze contemporary social issues and problems, such discussions will focus along the dimensions of race, class, and gender. No prior knowledge of sociology is expected. Cross-listed with SELSOC-006

SOC123**GLOBAL SOC. PROBLEMS(SELSOC-007)****Credits (Min/Max): 3/3**

This course is a study of current social problems that take place across the globe. It emphasizes the application of sociological concepts to the critical analysis of social issues and problems in contemporary societies throughout the world, including the US. Cross-listed with SELSOC-007

SOC126**WOMEN IN AMERICAN SOCIETY (SELSOC-003)****Credits (Min/Max): 3/3**

This course is an introduction to the field of women's studies that focuses on the significance of gender in shaping the culture, society, and influence of the United States. Drawing upon a diverse set of theories, methods, and approaches from the social sciences, this course focuses primarily on the interrelated dynamics of gender at both the individual and societal levels in the United States, although we will view this country from both a comparative and an international perspective, showing how gender-related social and cultural phenomena vary across countries. Among the topics covered are cultural norms and values, socialization, interpersonal behavior, strategies of power and influence, gender-based violence, sexuality and reproduction, and social institutions such as the family, workplaces, government, education, religion and the media.

SOC134**RACE & ETHNICITY(SELSOC-004)****Credits (Min/Max): 3/3**

A study of the social relationships of racial, ethnic, religious and other minority groups with emphasis on personal, cultural and social development. Cross-listed with SELSOC-004

SOC138**WEALTH, POWER AND PRESTIGE (SELSOC-005)****Credits (Min/Max): 3/3**

The course presents a study of the causes and consequences of political, economic and social inequality. The systematic ranking of individuals and aggregates is analyzed. Institutional and non-institutional determinants of inequality are examined so as to understand the distribution of wealth, status and prestige in society.

SOC208
SOCIOLOGY OF WORK & OCCUPATIONS
Credits (Min/Max): 3/3

Work and occupations are examined in historical and contemporary contexts. Emphasis will be placed on the characteristics of professions and the attempts of occupations to professionalize. Focus will be on the macro level (the effects of advancements in technology, bureaucratization and unionization on the division of labor), the microlevel (job satisfaction and alienation), and on the interface between macro and micro levels (do individuals of equal ability have equal access to prestige careers regardless of race, ethnicity, gender, age, or other attributes).

Prerequisites: SELECTSO - CORE SELECT--SOCIAL AND CULTURAL SYSTEMS

SOC216
POLICE AND SOCIETY(CRIM216)
Credits (Min/Max): 3/3

This course reviews current issues and problems in law enforcement and interrelations with the society-at-large and cultural/ethnic sub-groups. It examines informal exercise of police authority or force, governmental/agency policies, legal requirements, role demands and conflicts experienced by police officers, and the norms of the police sub-culture.

SOC221
INTRODUCTION TO SOCIOLOGY
Credits (Min/Max): 3/3

This course is an introduction to the study of society through the critical analysis of social relations, behavior, and organization. It is designed to facilitate students to develop a broad knowledge of how social structures and human behavior influence each other, as well as to identify the issues that arise from such interactions. In order for students to critically analyze contemporary social issues and problems, such discussions will focus along the dimensions of race, class, and gender. No prior knowledge of sociology is expected. Cross-listed with SELSOC-006

SOC222
SPORTS & GLOBALIZATION
Credits (Min/Max): 3/3

Using sociological theories and concepts, this course analyzes how society defines and organizes sports. This course also looks at how sports as a (local and globalized) social activity influences important aspects of our lives such as family, education, politics, the economy, media, and religion. It also examines how sports participation affects our ideas about, among other things, gender, class, ethnicity, conformity, and violence.

Prerequisites: SOC121 - INTRODUCTION TO SOCIOLOGY

SOC223
GLOBAL SOCIAL PROBLEMS
Credits (Min/Max): 3/3

This course is a study of current social problems that take place across the globe. It emphasizes the application of sociological concepts to the critical analysis of social issues and problems in contemporary societies throughout the world, including the US. Cross-listed with SELSOC-007

Prerequisites: INTEG100-002- VICTORIAN AMERICA

SOC226
WOMEN IN AMERICAN SOCIETY (SELSOC)
Credits (Min/Max): 3/3

This course is an introduction to the field of women's studies that focuses on the significance of gender in shaping the culture, society, and influence of the United States. Drawing upon a diverse set of theories, methods, and approaches from the social sciences, this course focuses primarily on the interrelated dynamics of gender at both the individual and societal levels in the United States, although we will view this country from both a comparative and an international perspective, showing how gender-related social and cultural phenomena vary across countries. Among the topics covered are cultural norms and values, socialization, interpersonal behavior, strategies of power and influence, gender-based violence, sexuality and reproduction, and social institutions such as the family, workplaces, government, education, religion and the media.

Prerequisites: SOC121 - INTRODUCTION TO SOCIOLOGY

SOC230
JUVENILE DELINQUENCY(CRIM230)
Credits (Min/Max): 3/3

This course will offer an analysis of Juvenile Delinquency and the juvenile justice system. It will examine the theories of the causes of juvenile crime and the processes of the juvenile justice system. Cross-listed with CRIM 230

Prerequisites: CRIM101 - INTRODUCTION TO CRIMINAL JUSTICE

SOC234
MINORITIES
Credits (Min/Max): 3/3

A study of the social relationships of racial, ethnic, religious and other minority groups with emphasis on personal, cultural and social development. Cross-listed with SELSOC-004

PreRequisites: SOC121 - INTRODUCTION TO SOCIOLOGY

SOC238
WEALTH, POWER, & PRESTIGE
Credits (Min/Max): 3/3

The course presents a study of the causes and consequences of political, economic and social inequality. The systematic ranking of individuals and aggregates is analyzed. Institutional and non-institutional determinants of inequality are examined so as to understand the distribution of wealth, status and prestige in society.

SOC240
FOUNDATION OF SOCIAL THOUGHT
Credits (Min/Max): 3/3

The course examines sociological theories, with emphasis on the works of Durkheim, Marx, Weber, and G.H. Mead and other major contributions to sociological thought.

SOC243
SOCIOLOGY OF MENTAL HEALTH
Credits (Min/Max): 3/3

An introduction to the field of sociological practice. Provides an understanding of micro and macro sociological theory and how it is used to assess, analyze, and diagnose human problems. Introduces students to casework and problem solving with small groups, organizations, and families. Acquaints students with the broad range of professional opportunities for the sociological practitioner.

PreRequisites: SOC121 - INTRODUCTION TO SOCIOLOGY

SOC245
ISLAM IN THE WORLD(PS/HS245)
Credits (Min/Max): 3/3

In this course, the basic beliefs of Islam are reviewed, along with a brief history of Islam's overall development and its impact on the world and on various civilizations in different global regions. Islam's internal sects are analyzed, and its political impact on current politics in the world is explored. The role of U.S. foreign policy in dealing with the recent rise of Islam is also analyzed. Cross-listed with HS/PS 245

SOC261
SOCIAL GERONTOLOGY
Credits (Min/Max): 3/3

A general introduction to social gerontology with emphasis upon the normal aspects of aging. Review of current hypotheses and findings concerning the aging processes are addressed.

SOC262
HUMAN SERVICES IN MODERN SOCIETY
Credits (Min/Max): 3/3

A study of the role of social services in contemporary society. This course is designed to assist students in exploring theories, practices and careers in the helping professions.

SOC270
CULTURE & HUMAN SOCIETIES
Credits (Min/Max): 3/3

Sociological study of what we mean by culture is taken and critically applied to the discussion of global-historical transformations in human social development, from the period of simple societies to the present age of complex, industrial, and globalized societies.

SOC302
PROBLEM PERSPECTIVES IN AGING
Credits (Min/Max): 3/3

This course has a social problem orientation. The material deals with the major unmet needs of older people. The approach focuses upon the current status of older people in American society, identifies the deficiencies in particular areas and examines the resources available to the aged to deal with specific problems.

PreRequisites: SOC121 - INTRODUCTION TO SOCIOLOGY

SOC304
HEALTH, MEDICINE AND SOCIETY
Credits (Min/Max): 3/3

The study and analysis of the health care system, including the definitions and behaviors in health and disease, the types and roles of practitioners and the forms and problems of health care delivery. Contemporary issues in American health care are examined.

PreRequisites: SOC121 - INTRODUCTION TO SOCIOLOGY

SOC308
SOCIOLOGY OF WORK & OCCUPATIONS
Credits (Min/Max): 3/3

Work and occupations are examined in historical and contemporary contexts. Emphasis will be placed on the characteristics of professions and the attempts of occupations to professionalize. Focus will be on the macro level (the effects of advancements in technology, bureaucratization and unionization on the division of labor), the microlevel (job satisfaction and alienation), and on the interface between macro and micro levels (do individuals of equal ability have equal access to prestige careers regardless of race, ethnicity, gender, age, or other attributes).

SOC311
RESEARCH METHODS(IS311)
Credits (Min/Max): 3/3

This course examines major research methods. The student will be exposed to the development and evaluation of research design and conclusions, conducting of research, preparation of research papers and ethics in research. The emphasis will be on survey methods, participant observation and ethnographic research.

PreRequisites: MT140 - PROBABILITY & STATISTICS

SOC320
DEATH & DYING(PSY320)
Credits (Min/Max): 3/3

This course is a topical overview of some of the diverse areas of inquiry grouped under the general heading death and dying. The basic purpose of this course is to help students understand grief, loss, dying, and death-both as an objective fact and as it relates to their own personal experiences-and to apply this understanding to their common experiences. The social, cultural, spiritual, emotional, and intellectual dimensions of death and dying will be examined from an interdisciplinary, but mostly social psychological and sociological perspective with the goal of enhancing the meaning of life and living.

SOC325
SOCIAL CHANGE & DEVELOPMENT
Credits (Min/Max): 3/3

The exploratory study of social change and its impact on the social institutions of contemporary society. The course examines various theories, processes and areas of social change and presents an overview of the social effects of modernization on non-industrialized societies.

SOC326
WOMEN IN AMERICAN SOCIETY
Credits (Min/Max): 3/3

This course is an introduction to the field of women's studies that focuses on the significance of gender in shaping the culture, society, and influence of the United States. Drawing upon a diverse set of theories, methods, and approaches from the social sciences, this course focuses primarily on the interrelated dynamics of gender at both the individual and societal levels in the United States, although we will view this country from both a comparative and an international perspective, showing how gender-related social and cultural phenomena vary across countries. Among the topics covered are cultural norms and values, socialization, interpersonal behavior, strategies of power and influence, gender-based violence, sexuality and reproduction, and social institutions such as the family, workplaces, government, education, religion and the media.

SOC327
FAMILY RELATIONS
Credits (Min/Max): 3/3

A sociological analysis of the family with emphasis on historical trends and contemporary family life in the United States. The study includes family relationships and functions, family disorganization and change, with an overview of the family as a major social institution.

SOC329
SOCIAL PSYCHOLOGY(PSY/COM329)
Credits (Min/Max): 3/3

The study of human behavior as it is shaped by the psychosocial environment. Topics include person perception, small group interaction, theories and methods of attitude change, interpersonal attraction, conformity, aggression, prejudice, propaganda and persuasion, altruism and prosocial behavior.

SOC330**THEORIES OF CRIMINAL DEVIANCE (CRIM330)****Credits (Min/Max): 3/3**

An examination of the etiology and major theories of criminality, with special reference to the neoclassical, routine activity, and psychosocial theories of deviance. This course will examine criminal deviance by analyzing both criminal and victim populations, with particular emphasis on crime typology and the analysis of criminal behavior. The responses of the Criminal Justice System and private security experts to criminal behavior from situational crime prevention techniques to correctional treatment methods are explored and discussed. Cross-listed with CRIM 330

SOC331**RELIGION & SOCIETY(RS331)****Credits (Min/Max): 3/3**

An analytical presentation of religion and society. This study of religion as a social institution emphasizes its function in society and its relatedness to the conflict and change that characterize modern American life. Cross-listed with RS 331

Prerequisites: SOC121 - INTRODUCTION TO SOCIOLOGY

SOC336**SOCIOLOGY OF ADDICTIONS****Credits (Min/Max): 3/3**

A study of the causes and consequences of addictions. The relationship of public policy to addictions in society, the family, and the workplace is analyzed. Addictions are viewed as ingestive (alcohol, drugs, eating disorders) and/or behavioral (gambling, sexual, workaholicism). Societal responses are explored.

Prerequisites: SOC121 - INTRODUCTION TO SOCIOLOGY

SOC337**VICTIMS OF ABUSE & NEGLECT****Credits (Min/Max): 3/3**

This course addresses the social and psychological conditions, which give rise to the physical abuse of children and adults. The principal focus is an examination of child abuse and neglect, battered spouses, victims of rape and assault and victims in institutions. The effects on the individual and possible societal responses are also explored.

SOC339**POLITICS & SOCIETY(PS339)****Credits (Min/Max): 3/3**

The course is designed to familiarize the student with the social bases of political power. Politics is viewed as a process in relation to the social and economic structures, which influence its direction. A consideration of the effects which politics has on these structures is also offered. A detailed analysis of the primacy of politics in the 20th century is included. Cross-listed with PS 339

SOC340**ETHNIC CONFLICT(PS340)****Credits (Min/Max): 3/3**

In this course we examine why ethnic groups sometimes get along very well, but other times engage in conflict. We query: What are the political and social origins of ethnic conflicts in various parts of the world? Do ethnic conflicts differ in different world regions? What national and international policies encourage ethnic conflict? How can we encourage ethnic groups to pursue peaceful accommodations? Cross-listed with PS 340

SOC341**CITIES & GLOBALIZATION****Credits (Min/Max): 3/3**

This course examines the social dynamics of urbanization, urban social structure, and urban development. It analyzes, through various theories of urban sociology, the city as a form of social organization and as centers of economic and political processes. It also looks at how globalization has impacted various cities around the world in terms of their growths and declines.

SOC348**COURTS & SOCIAL POLICY(CRIM348)****Credits (Min/Max): 3/3**

An analysis of the interrelationship between law and society is presented. The functions, methods and theories of legal systems are covered. An assessment of the determinants and consequences of legal decisions is also presented.

SOC350**EDUCATION & SOCIETY****Credits (Min/Max): 3/3**

This course is a critical analysis of education as a social institution. It looks at the interactive relations between education and the social dimensions of class, race, ethnicity, and gender, both in the US and in selected countries around the world.

**SOC351
DEVELOPMENT IN SOUTHEAST ASIA (HS/PS351)
Credits (Min/Max): 3/3**

This course looks at the history of social, political and economic development of Southeast Asia, excluding Indochina, and focusing primarily on Indonesia, Malaysia, and the Philippines. It will discuss the contingent and dependent nature of development of these countries under the larger framework of global capitalism, and how such development affects the national historical experiences of these countries. Cross-listed with HS/PS 351

**SOC381
ENVIRONMENT & SOCIETY
Credits (Min/Max): 3/3**

This course is designed to provide an approach to study and analyze the interactions between society and the environment, and the political economic impacts of environmental problems. Focus will be on both the social causes of and social responses to various environmental problems, at the local, national, and global levels.

**SOC382
SOCIAL MOVEMENT & RESISTANCE (PS382)
Credits (Min/Max): 3/3**

This course examines the origin, growth, and dynamics of social movements as forms of social protest and resistance against state and global injustices. Discussions include case studies of various social and political groups, non-government organizations, and liberation and revolutionary movements in the US and throughout the world. Cross-listed with PS 382

**SOC450
SPECIAL TOPICS IN ADVANCED SOCIOLOGY
Credits (Min/Max): 3/3**

A collection of courses covering a broad range of topics in advanced sociology, offered according to student need and interest. The precise title is announced during registration period for any given term.

**SOC450A
MENTAL HEALTH FILM (SPECIAL TOPICS)
Credits (Min/Max): 3/3**

This course presents a study of how the Hollywood film industry portrays mental health issues.

**SOC450B
FIELD WORK IN MENTAL HEALTH (SPECIAL TOPICS)
Credits (Min/Max): 3/3**

This course presents as a field work study within a community mental health agency. The student will be placed out in the community with a mental health professional once per week. Also, the student will be in the classroom setting once per week receiving class lectures, group supervision, and will be responsible for giving case presentations. The student needs to have current ACT 33 and 34 Pennsylvania State Clearances in order to take this course.

**SOC451
SOCIOLOGY INTERNSHIP I
Credits (Min/Max): 1/6**

A field experience in a social institution. The students are given the opportunity to integrate their theoretical knowledge with practical application under the guidance of professionals at the particular institution where they are assigned.

**SOC452
SOCIOLOGY INTERNSHIP II
Credits (Min/Max): 1/6**

A field experience in a social institution. The students are given the opportunity to integrate their theoretical knowledge with practical application under the guidance of professionals at the particular institution where they are assigned.

**SOC455
SENIOR SEMINAR IN SOCIOLOGY
Credits (Min/Max): 3/3**

A course designed to assist students in culminating and synthesizing their study of sociology on the undergraduate level through independent readings, research and class discussion. Required for sociology majors.

SOC456
DIRECTED RESEARCH
Credits (Min/Max): 1/4

Individual research supervised by a full-time faculty member.

SOC457
INDEPENDENT STUDY
Credits (Min/Max): 1/6

This course is limited to those few students who have demonstrated an unusual level of ability and an intense commitment to a particular area.

SP101
ELEMENTARY SPANISH I
Credits (Min/Max): 4/4

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in beginning Spanish. The goal of the course is the acquisition of a useful, communicative command of the language at the Novice-Mid to Novice-High level on the national scale, as established by the American Council on the Teaching of Foreign Languages and the Educational Testing Service. This goal will be realized through maximum exposure to authentic target-language input (oral and visual), active oral and written practice of real-life language tasks or functions (conversing with an exchange student, completing forms, etc.) and exploration of cultural subtleties conveyed by language, thought and customs.

SP102
ELEMENTARY SPANISH II
Credits (Min/Max): 4/4

As a continuation of Spanish 101, this course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop functional listening, speaking, reading, and writing skills in beginning Spanish. The goal of the course is the acquisition of a useful, communicative command of the language at a Novice Mid to Intermediate Low level on the national scale, as established by the American Council on the Teaching of Foreign Languages and the Educational Testing Service. This goal will be realized through maximum exposure to authentic target-language input (oral and visual), active oral and written practice of real-life language tasks or functions (e.e., conversing with an exchange student, making grocery lists, completing forms, etc.), and exploration of cultural subtleties conveyed by language, thought, and customs.

Prerequisites: SP101 - ELEMENTARY SPANISH I

SP201
INTERMEDIATE SPANISH I
Credits (Min/Max): 3/3

As a continuation of SP 102, this course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in Intermediate Spanish. The goal of the course is the acquisition of a useful, communicative command of the language at the Novice High to Intermediate Low level on the national scale as established by the American Council on the Teaching of Foreign Languages and the Educational Testing Service. This goal will be realized through maximum exposure to authentic target-language tasks of functions (e.g., ordering a meal, making travel arrangements, visiting a doctor's office, etc.) and exploration of cultural subtleties conveyed by language, thought and customs.

Prerequisites: SP102 - ELEMENTARY SPANISH II

SP202
INTERMEDIATE SPANISH II
Credits (Min/Max): 3/3

As a continuation of SP 201, this course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop functional listening, speaking, reading, and writing skills in Intermediate Spanish. The goal of the course is the acquisition of a useful, communicative command of the language at an Intermediate Low to Intermediate Mid level on the national scale, as established by the American Council on the Teaching of Foreign Languages and the Educational Testing Service. This goal will be realized through maximum exposure to authentic target-language input (oral and visual), active oral and written practice of real-life language tasks or functions (e.g., conversing with an exchange student, going to the bank, using the telephone, going to the doctor's office, etc.), and exploration of cultural subtleties conveyed by language, thought, and customs.

Prerequisites: SP201 - INTERMEDIATE SPANISH I

SP301
ADVANCED SPANISH LANGUAGE & CULTURE I
Credits (Min/Max): 3/3

As a continuation of Spanish 202, this course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in Spanish. The goal of the course is the acquisition of a useful, communicative command of the language at the Intermediate-Low to Intermediate-Mid level on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language input (oral and visual), active oral and written practice of real life language tasks or functions (e.g. ordering a meal, making travel arrangements, etc.) and exploration of cultural subtleties conveyed by language, thought and customs.

SP302
ADVANCED SPANISH LANGUAGE & CULTURE II
Credits (Min/Max): 3/3

As a continuation of SP 301, this course is part of a proficiency-based language program designed to provide maximum opportunities for students to develop functional listening, speaking, reading and writing skills in Spanish. The goal of the course is the acquisition of a useful communicative command of the language at the Intermediate-Mid to Intermediate High levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized through maximum exposure to authentic target-language input (oral and visual), active oral and written practice of real life language tasks or functions (e.g. giving suggestions, making plans for the future, etc.) and exploration of cultural subtleties conveyed by language, thought and customs.

SP305
ADVANCED SPANISH GRAMMAR & COMPOSITION
Credits (Min/Max): 3/3

This course is structured to enhance the knowledge of grammar and the reading and writing skills of students who have already achieved an intermediate level or oral, written and reading proficiency in Spanish as measured on the ACTFL/ETS scale. Students will learn correct grammatical construction through literary readings and discussion, intensive vocabulary study, intensive study of grammar points, and composition practice.

SP310
ADVANCED SPANISH CONVERSATION
Credits (Min/Max): 3/3

This course is part of a proficiency-based language program designed to provide maximum opportunities for students to acquire speaking and listening comprehension skills in English as a Second Language at the Advanced levels on the national scale as established by the American Council on the Teaching of Foreign Languages (ACTFL) and the Educational Testing Service (ETS). This goal will be realized by the following means: Practice on stress, intonation and difficult pronunciation as needed; Presentation, discussions, and other activities in small groups and as a class; Speeches and debates prepared in advance; Listening comprehension activities and note-taking practice.

This course will be conducted in Spanish to assist students in maintaining their proficiency goals.

SP315
APPLIED HISPANIC LINGUISTICS
Credits (Min/Max): 3/3

This course introduces the student to general linguistic theory and its application to the problems which teachers face in the foreign language classroom. Students will discover practical resolutions to problems encountered in the presentation of linguistic material. A study of the sound system of Spanish and training in native-like Spanish pronunciation will also be incorporated into the course.

PreRequisites: SP305 - SPANISH GRAMMAR AND COMPOSITION

SP325
LATIN AMERICAN CULTURE
Credits (Min/Max): 3/3

This course will introduce the student to the study of culture including the relationships between the perspectives, products, and practices of the cultures of Latin America (as stated in the National Standards for Foreign Language Teaching). Also included is the study of the history, geography, economics, religions(s), political systems, art, literature, dance, music, architecture, traditions, customs and other cultural symbols of Latin America, Latin society in the U.S. and in Equatorial Guinea.

This course will be conducted in Spanish to assist students in maintaining their proficiency goals.

SP330
SURVEY OF SPANISH LITERATURE
Credits (Min/Max): 3/3

Using texts written by contemporary Spanish and Hispanic authors, students will increase their knowledge of vocabulary including idiomatic expressions. Complex grammatical structures will be reviewed and practiced in written form. Stylistics will also be addressed. This course will be conducted in Spanish to assist students in maintaining their proficiency goals.

SP345**SPANISH/HISPANIC CULTURE (SPAE345)****Credits (Min/Max): 3/3**

This course will introduce the student to the early cultures that contributed to Spanish and Hispanic culture, as they exist today. Students will also study the influence of these cultures on art, literature and music in both Spain and the New World. The influence of historical events will also be analyzed.

SP457**INDEPENDENT STUDY-SPANISH****Credits (Min/Max): 1/3**

Independent study course for students who have demonstrated an intense commitment to investigate a particular area of Spanish studies. The student will design an independent study in conjunction with the appropriate language faculty member.

SPAE305**SPANISH GRAMMAR AND COMPOSITION****Credits (Min/Max): 3/3**

This course is structured to enhance the knowledge of grammar and the reading and writing skills of students who have already achieved an intermediate level or oral, written and reading proficiency in Spanish as measured on the ACTFL/ETS scale. Students will learn correct grammatical construction through literary readings and discussion, intensive vocabulary study, intensive study of grammar points, and composition practice.

SPAE315**APPLIED HISPANIC LINGUISTICS (SP315)****Credits (Min/Max): 3/3**

This course introduces the student to general linguistic theory and its application to the problems which teachers face in the foreign language classroom. Students will discover practical resolutions to problems encountered in the presentation of linguistic material. A study of the sound system of Spanish and training in native-like Spanish pronunciation will also be incorporated into the course.

SPAE330**SURVEY OF SPANISH LITERATURE****Credits (Min/Max): 3/3**

Using texts written by contemporary Spanish and Hispanic authors, students will increase their knowledge of vocabulary including idiomatic expressions. Complex grammatical structures will be reviewed and practiced in written form. Stylistics will also be addressed. This course will be conducted in Spanish to assist students in maintaining their proficiency goals.

SPAE340**SURVEY OF LATIN AMERICAN LIT****Credits (Min/Max): 3/3**

A study of the major literary periods, trends and genres in Spanish American literature from pre-Columbian times through the 20th century from an historical perspective. Literary texts to be read and discussed include representative selections of key historic texts and literary figures from each major literary period.

Prerequisites: SP302 - ADVANCED SPANISH LANGUAGE AND CULTURE II

SPED210**ASSESSMENT/DIAGNOSIS OF SPECIAL NEEDS STUDENTS****Credits (Min/Max): 3/3**

This course provides opportunities for students to acquire the knowledge skills and attitudes needed to identify special needs students and to provide the appropriate academic and social experiences for them. The legal foundations and the services available for special needs students will be discussed.

SPED220**PROGRAM/CLASSROOM MANAGEMENT****Credits (Min/Max): 3/3**

The belief that all children can learn includes the understanding that different rates of learning and different methods of teaching are concepts integral in that belief. Adapting the regular curriculum for the special needs student and managing classroom procedures in a way which include that students are essential skills for the teacher. These skills require knowledge of brain development, understanding of the impact of disabilities on academic and social behavior and the ability to design curriculum. This course addresses these specific skill requirements.

Prerequisites: SPED210 - ASSESSMENT/DIAGNOSIS OF SPECIAL NEEDS STUDENTS

**SPED310
METHODS AND PRACTICUM
Credits (Min/Max): 3/3**

The application of theory to practice is an essential component of this certificate program. Methods appropriate for working with the range of special needs students now included in our schools will be the focus of this course. Observing the methods as they are practiced by master teachers in the classroom is an essential component. The transition of special needs students from grade to grade and to the world beyond graduation will be discussed. Theory and practice will be integrated into this course.

**SPED320
INTER-INTRA GROUP COMMUNICATION
Credits (Min/Max): 3/3**

This course helps all professionals who work with children identify, understand, and help those students who have language and communication difficulties. The student will have the opportunity to understand the language and communication skills relating to special needs students as well as language disorders in the regular classroom.

**SPED330
MENTORING - PRACTICUM
Credits (Min/Max): 3/3**

The focus of this field experience course is to prepare the student for an authentic overview of teaching special education prior to student teaching. The student will participate in a special education classroom for eight five-hour sessions, create a weekly journal, develop meaningful lesson plans, prepare an observational case study, and be responsible for the various forms used in the special education setting. The major emphasis of the class will concentrate on providing the student with a realistic experiential and comprehensive view of special education in the school setting.

**SPED410
ADVANCED SEMINAR
Credits (Min/Max): 3/3**

In this culminating experience, which precedes student teaching the student will participate in discussions, contribute to panel presentations and debate current issues on the questions of professionalism and ethical practices in the field of special education. Experienced professionals in the field will share their experiences and provide guidance for the students as they prepare to enter the challenging, rewarding career of special education teacher.

Prerequisites: SPED210 - ASSESSMENT/DIAGNOSIS OF SPECIAL NEEDS STUDENTS

**SPED451
STUDENT TEACHING-SPECIAL EDUC EDUCATION
Credits (Min/Max): 6/6**

The student teaching and/or Project experience is a supervised experience in an appropriate educational setting. This multi-week experience includes observation and teaching by the student and guidance and mentoring by both the teacher in the setting and the college supervisor. No course work may be taken during the student teaching experience unless approved by the Director of the Center for Teacher Education.

Prerequisites: SPED210 - ASSESSMENT/DIAGNOSIS OF SPECIAL NEEDS STUDENTS

**SPED451B
SPECIAL EDUCATION PROJECT
Credits (Min/Max): 3/3**

This course is offered to students who have already completed their degree in education and are teaching. The Project course is part of the Special education requirement for students who are returning for their certificate. Requirements: Must have a degree in Education. Must have taught in the field of education. Must research a specific topic in the field of Special Education. Must present the research project to the supervisor. Must be completed in the term scheduled by registration.

Prerequisites: SPED210 - ASSESSMENT/DIAGNOSIS OF SPECIAL NEEDS STUDENTS

**SPH101
MODERN PUBLIC SPEAKING
Credits (Min/Max): 3/3**

Intended to develop an understanding of and facility in the preparation, organization, delivery and criticism of speeches.

**SPH103
ORAL INTERPRETATION
Credits (Min/Max): 3/3**

A course in the theory and practice of the interpretation of prose, drama and poetry.

SPH122
CREATIVE DRAMATICS(SELAE-010)
Credits (Min/Max): 3/3

A course in improvisational drama with emphasis on educational and motivational skills, games and the performing arts. Workshop participation is expected. Cross-listed with SELAE-010

SPH202
CONTEMP COMM THROUGH DISCUSSION
Credits (Min/Max): 3/3

Intended to acquaint the student with basic concepts essential for effective communication in small groups, to increase the student's ability to examine and evaluate small group interactions and to develop communication skills through participation in small group discussions.

SPH223
INTRODUCTION TO THEATRE
Credits (Min/Max): 3/3

An aesthetic and practical study of theater that examines various styles and forms of drama and theatrical productions.