

BACHELOR'S DEGREES

UNDERGRADUATE PROGRAMS & COURSES

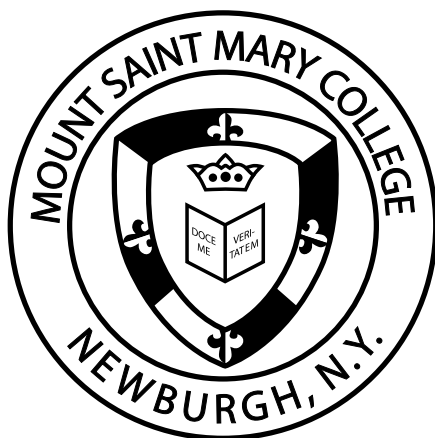
Mount Saint Mary College
2013-2014

UNDERGRADUATE CATALOG

Mount Saint Mary College
330 Powell Avenue, Newburgh, NY 12550 • msmc.edu

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330 Powell Avenue
Newburgh, NY 12550

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MOUNT SAINT MARY COLLEGE

330 Powell Avenue, Newburgh, NY 12550 | 845-561-0800 | FAX: 845-562-6762
Admissions: 1-888-YES-MSMC or admissions@msmc.edu

Mount Saint Mary College does not discriminate in its operations, programs and services on the basis of race, age, creed, national origin, gender or disability. Students who believe they have been discriminated against are encouraged to contact the Vice President for Student Affairs at 45 Elmwood Place.

This catalog is not a contract; it merely presents the offerings and requirements in effect at the time of publication and in no way guarantees that the offerings and requirements will remain the same.

For education and/or financial reasons, the college reserves the right to change at any time any of the provisions, statements, policies, curricula, regulations, fees or other financial charges found in this catalog. Such change or notice of same will be published and made available to students.

Traditional students are required to participate in Orientation/Enrollment Completion Day before the start of classes in the fall term, to ensure they obtain current information regarding policy changes. Students who miss Orientation/Enrollment Completion Day must visit the Vice President of Student Affairs Office on the first class day to obtain the appropriate documentation.

Each MSMC student is assigned a college email account. The use of this account is subject to the college's Appropriate Use Policy. MSMC uses this email address and account as an official means of communication between the college and the student.

Students are ultimately responsible for knowing and observing all regulations that may affect their status in the Mount Saint Mary College undergraduate program. For this reason they are expected to acquaint themselves with the contents of this catalog, consult the web portal, and to read notices posted on divisional bulletin boards.

Students with disabilities should report to the Coordinator of Services for Students with Disabilities to determine policies and procedures relative to available assistance. Only students registered with the coordinator will be eligible to participate in the assistance program. Mount Saint Mary College is an equal opportunity/affirmative action institution.



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TRADITIONAL ACADEMIC CALENDAR

FALL 2013

August

24	Saturday	Residence Halls Open /New Freshmen
25	Sunday	Residence Halls Open /Returning Students
26	Monday	First Day of Class
29	Thursday	Academic Convocation
30	Friday	Last Day for Registration & Course Drop with 100% Refund

September

2	Monday	Labor Day - No Classes
6	Friday	Intent to Graduate Form Due For December 2013 Graduation
9	Monday	Last Day for 60% refund
9	Monday	AW Grades Due
16	Monday	Last Day for 30% Refund
17	Tuesday	Start of No Refund Period

October

11	Friday	Intent to Graduate Form Due for May 2014 Graduation
15	Tuesday	Mid-Semester
21	Monday	Columbus Day (observed)
22	Tuesday	Mid-Term Grades Due by Noon

November

5	Tuesday	Last Day to Withdraw Without Academic Penalty
27-29	Wednesday-Friday	Thanksgiving Recess

December

2	Monday	Classes resume
9	Monday	Last Day of Classes
10	Tuesday	Reading Day
11-14	Wed.-Sat.	Final Exam Period
18	Wednesday	Final Grades Due by Noon

JANUARY INTERIM 2014

January

2	Thursday	First Day of Class
3	Friday	Last Day for Registration & Course Drop with 100% Refund
6	Monday	AW Grades Due
8	Wednesday	Mid-Semester
10	Friday	Last Day to Withdraw Without Academic Penalty
15	Wednesday	Last Day of Class or Final Examination
21	Tuesday	Final Grades Due By Noon

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SPRING 2014

January

20	Monday	Residence Halls Open
21	Tuesday	First Day of Class
27	Monday	Last Day for Registration & Course Drop With 100% Refund

February

3	Monday	Last Day for 60% refund
3	Monday	AW Grades Due
10	Monday	Last Day for 30% Refund
11	Tuesday	Start of No Refund Period

March

7	Friday	Mid - Semester
10-14	Monday-Friday	Spring Break (Some courses in the Adult and Online programs will meet during this week)
17	Monday	Classes Resume
18	Tuesday	Mid Term Grades Due by Noon
31	Monday	Last Day to Withdraw Without Academic Penalty

April

15	Tuesday	Monday Classes Meet Instead of Tuesday Classes
18-21	Friday-Monday	Easter Recess
22	Tuesday	Classes Resume

May

7	Wednesday	Last Day of Class Friday Classes Meet Instead of Wednesday Classes Intent to Graduate Form Due For August 2014 Graduation
8	Thursday	Reading Day
9-13	Friday-Tuesday	Final Exam Period
12	Monday	Senior Grades Due
17	Saturday	Commencement
20	Tuesday	All Final Grades Due by Noon

FIRST SUMMER SESSION 2014

May

19	Monday	First day of Class (laboratory science only)
20	Tuesday	Classes Begin (all others)
21	Wednesday	Last Day for Registration & Course Drop with 100% Refund
26	Monday	Memorial Day - No Classes
27	Tuesday	AW Grades Due
30	Friday	Make-up For Laboratory Science Only

June

5	Thursday	Mid - Semester
12	Thursday	Last Day to Withdraw Without Academic Penalty
19	Thursday	Last Day of Class or Final Examination
24	Tuesday	Final Grades Due by Noon

SECOND SUMMER SESSION 2014

June

23	Monday	Classes Begin (laboratory science only)
24	Tuesday	Classes Begin (all others)
25	Wednesday	Last Day for Registration & Course Drop with 100% Refund

July

4	Friday	Independence Day - No Classes
9	Wednesday	Mid-Semester
17	Thursday	Last Day to Withdraw Without Academic Penalty
24	Thursday	Last Day of Class or Final Examination
29	Tuesday	Final Grades Due by Noon

FALL 2014

August

23	Saturday	Residence Halls Open / New Freshmen
24	Sunday	Residence Halls Open /Returning Students
25	Monday	First Day of Class
28	Thursday	Academic Convocation
29	Friday	Last Day for Registration & Course Drop with 100% Refund

September

1	Monday	Labor Day - No Classes
5	Friday	Intent to Graduate Form Due For December 2014 Graduation
8	Monday	Last Day for 60% refund
8	Monday	AW Grades Due
15	Monday	Last Day for 30% Refund
16	Tuesday	Start of No Refund Period

October

10	Friday	Intent to Graduate Form Due For May 2015 Graduation
13	Monday	Columbus Day- No Classes (subject to change)
14	Tuesday	Mid Semester
21	Tuesday	Mid-Term Grades Due by Noon

November

4	Tuesday	Last Day to Withdraw Without Academic Penalty
26-28	Wed.-Fri.	Thanksgiving Break

December

1	Monday	Classes Resume
8	Monday	Last Day of Classes
9	Tuesday	Reading Day
10-13	Wed.-Fri.	Final Exam Period
17	Wednesday	Final Grades Due by Noon

ACCELERATED 6 WEEK CALENDAR

ACCELERATED D SESSION

September 2013

23	Monday	D Session Begins
30	Monday	Last day for Registration and Course Drop with 100% Refund

October 2013

7	Monday	AW Grades Due
21	Monday	Columbus Day Observed (No Classes)
22	Tuesday	Last Day to Withdraw without Academic Penalty
25	Friday	Makeup for Oct 21 Holiday (Columbus Day Observed)

November 2013

2	Saturday	Last Day of Class
5	Tuesday	Final Grades Due

ACCELERATED E SESSION

November 2013

4	Monday	E Session Begins
11	Monday	Last day for Registration and Course Drop with 100% Refund
18	Monday	AW Grades Due
27-29	Wed-Fri	Thanksgiving Break (No Classes)

December 2013

4	Wednesday	Last Day to Withdraw without Academic Penalty
6	Friday	Makeup for Thanksgiving (Wednesday Classes)
13	Friday	Makeup for Thanksgiving (Thursday Classes)
15	Sunday	Last Day of Class
17	Tuesday	Final Grades Due

ACCELERATED F SESSION

January 2014

6	Monday	F session Begins
13	Monday	Last day for Registration and Course Drop with 100% Refund
20	Monday	Martin Luther King Holiday
21	Tuesday	AW Grades due
24	Friday	Makeup for Martin Luther King Holiday

February 2014

3	Monday	Last Day to Withdraw without Academic Penalty
15	Saturday	Last Day of Class
18	Tuesday	Final Grades Due

ACCELERATED G SESSION

February 2014

17	Monday	G Session Begins
24	Monday	Last day for Registration and Course Drop with 100% Refund

March 2014

3	Monday	AW Grades Due
10-14	Mon-Fri	Spring Break (will be observed, no classes meet during this time)
24	Monday	Last Day to Withdraw without Academic Penalty

April 2014

5 Wednesday Last day of class
 8 Saturday Final Grades Due

ACCELERATED H SESSION

April 2014

7 Friday H Session Begins
 14 Friday Last day for Registration and Course Drop with 100% Refund
 18-21 Tues-Fri Easter Break
 22 Saturday AW Grades due
 25 Tuesday Makeup for April 21 Easter Break (Monday classes only)

May 2014

6 Sunday Last day to withdraw without academic penalty
 15 Tuesday Last Day of Class
 16 Wednesday Final Grades Due
 17 Thursday COMMENCEMENT

HYBRID/ONLINE 8 WEEK SESSIONS

HYBRID SESSION V

October 2013

14 Monday Classes begin
 21 Monday Columbus Day observed
 22 Tuesday Last day for registration and course drop with 100% refund
 No makeup class: Class meeting requirements will be made up in eClass

November 2013

19 Tuesday Last day to withdraw without academic penalty
 27-29 Wed-Fri Thanksgiving
 No makeup class: Class meeting requirements will be made up in eClass

December 2013

8 Sunday Last Day of Class

HYBRID SESSION X

January 2014

6 Monday Classes begin
 13 Monday Last day for registration and course drop with 100% refund
 20 Monday Martin Luther King Holiday
 No makeup class: Class meeting requirements will be made up in eClass

February 2014

11 Tuesday Last day to withdraw without academic penalty

March 2014

1 Saturday Last Day of Class

HYBRID SESSION Y

March 2014

3 Monday Classes begin
 TBA Last day for registration and course drop with 100% refund
 10-14 Mon-Fri Spring Break

April 2014

15 Tuesday Last day to withdraw without academic penalty
 18-21 Fri-Mon Easter Break
 No makeup class: Class meeting requirements will be made up in

eClass

May 2014

3 Saturday Last Day of Class

ACCELERATED A SESSION

May 2014

19 Monday A Session Begins
 26 Monday Memorial Day
 27 Tuesday Last day for Registration and Course Drop with 100% Refund
 30 Friday Makeup for Memorial Day Holiday (Monday classes only)

June 2014

3 Tuesday AW Grades Due
 17 Tuesday Last Day to withdraw without academic penalty
 28 Saturday Last Day of Class

July 2014

1 Tuesday Final Grades Due

ACCELERATED B SESSION

July 2014

7 Monday B Session begins
 14 Monday Last day for registration and course drop with 100% refund
 21 Monday AW grades due

August 2014

4 Monday Last day to withdraw without academic penalty
 16 Saturday Last Day of Class
 19 Tuesday Final Grades Due

THE COLLEGE

WELCOME

Welcome to Mount Saint Mary College! Whether you are a full-time student, or just taking a course or two, we hope your experience will be a satisfying one.

Mount Saint Mary College is an independent, co-educational, institution of higher education with more than 2,500 students. With a student-to-faculty ratio of 14 to 1, the Mount community is a close and supportive one. In all of the College programs, faculty work closely with students in the classroom and in independent research.

The College is proud of the academic excellence of its faculty, who have distinguished themselves in many fields. They contribute to the quality of life in the Mid Hudson community, sharing their expertise and vitality in numerous ways, including membership in professional and service organizations.

The Mount's curriculum aims at educating the total person, offering varied and stimulating academic opportunities in which liberal arts courses balance professional training to give graduates a variety of career options. The College is interested in the development of sound values, goals, and commitment in its students, and prepares them to assume responsible roles in society.

We are confident you will find everyone connected with the Mount — students, faculty, staff, and administrators — helpful and friendly. If you have a question or problem, please contact the Office of Student Affairs, and you'll be directed to the right office.

HISTORY

The Dominican Sisters of Newburgh established Mount Saint Mary College in 1959, but the Sisters had been an academic presence in Newburgh since 1883, with Mount Saint Mary Academy. The College grew out of the Dominican Sisters' school for teacher training, founded in 1930. Since opening its doors in 1960, the College's goals have been the pursuit and dissemination of truth and the development of the capacity to discern and use it.

Mount Saint Mary College maintains a firm belief in the value of a liberal arts education and a commitment to the Judeo-Christian traditions upon which it was founded. It retains the spirit of the intellectual, cultural, ethical, spiritual, and social philosophies of its founders.

The College remains on sound footing, supported by meaningful academic programs, prudent fiscal management, and a commitment to serving the Mid Hudson Valley. Mount Saint Mary College has a respected position in the region.

PREAMBLE

Mount Saint Mary College is an institution of higher education guided by the Catholic and Dominican traditions of academic rigor, pursuit of truth, social justice, leadership, and service. The College Bylaws indicate that Mount Saint Mary College "aims to give its students a Catholic cultural-professional education in the liberal arts tradition."

This distinctive approach provides the philosophy for our commitment to educating the whole person and to cultivating intellectual achievement, religious and spiritual growth, and the development of moral character.

Consistent with these principles, Mount Saint Mary College endeavors to graduate students who

- are inquisitive and value the free exchange of ideas in pursuit of truth
- are analytical in their approach to problem solving
- are motivated toward self-improvement
- have developed an aesthetic sense
- possess effective leadership and communication skills
- respect the values and ethics of the Catholic and Dominican traditions
- embrace civic responsibility and community service.
- The deepening of Mount Saint Mary College's commitment to these principles will involve the leadership efforts of the entire community, within a culture of academic excellence.

The College's Strategic Plan aims to advance our legacy of excellence, leadership and service in light of our brand identity as a Catholic and Dominican college, as communicated in our name and through the college's motto "Doce Me Veritatem" (Teach Me the Truth). The Plan will augment our attributes, shaped by signature programs, and demonstrated by Mount students and graduates who think critically, communicate effectively, and exemplify virtues of leadership and service.

MISSION

As reflected in its motto "Doce Me Veritatem" (Teach Me the Truth) Mount Saint Mary College, founded by the Dominican Sisters of Newburgh, is an independent, coeducational institution committed to providing students with a liberal arts education to prepare them for lives of leadership and service. Through a variety of majors and professional programs, students are also prepared for career entry or graduate and professional studies.

Consistent with Judeo-Christian values and the Dominican tradition of education that values the inherent worth of the individual, the mission of Mount Saint Mary College is to create an environment which fosters close student-faculty interaction that enables students to reach their full potential as lifelong learners. Mount Saint Mary College strives to provide a stimulating environment that promotes the intellectual and personal growth of undergraduate and graduate students.

MOUNT SAINT MARY COLLEGE VISION

Mount Saint Mary College will be a pre-eminent college for the liberal arts, sciences, and pre-professional programs in the Northeast, recognized for its excellence in teaching, learning, scholarship, and community. In 2014, the College will serve some 3,000 undergraduate, professional, and graduate students, with around one-third of its students living on campus. The College will be a vibrant community celebrating in all its activities the values and traditions expressed in its mission.

GOVERNANCE AND ACCREDITATION

Under the Education Law of the State of New York, a Board of Trustees governs and bears full responsibility for Mount Saint Mary College, an incorporated institution. The Board of Regents of the University of the State of New York has chartered Mount Saint Mary College.

The following have accredited Mount Saint Mary College:

- The New York State Department of Education
- The Middle States Commission on Higher Education (MSCHE)
- The Commission on Collegiate Nursing Education (CCNE)

- The National Council for Accreditation of Teacher Education. (NCATE)
- The International Assembly for Collegiate Business Education (IACBE)

Accrediting and licensing documents may be reviewed in the Office of Academic Affairs.

INSTITUTIONAL AFFILIATIONS

American Association of Colleges of Nursing (AACN)

American Association of Collegiate Registrars and Admissions Officers (AACRAO)

American Library Association (ALA)

Association of American Colleges and Universities (AAC&U)

Association of Catholic Colleges and Universities (ACCU)

Association for General and Liberal Studies (AGLS)

Association of Governing Boards of Universities and Colleges (AGB)

Association of Physical Plant Administrators of University and Colleges (APPA)

College and University Professional Association for Human Resources (CUPA-HR)

Commission on Independent Colleges and Universities of the State of New York (CICU)

Cooperative Education and Internship Association, Inc.(CEIA)

Council for Advancement and Support of Education (CASE)

Council on Independent Colleges (CIC)

Eastern Association of Colleges and Employers (EACE)

Eastern Collegiate Athletic Conference (ECAC)

EDUCAUSE

Lower Hudson Valley Catholic Colleges & Universities Consortium

National Association for College Admission Counseling (NACAC)

National Association of College and University Business Officers (NACUBO)

National Association of Independent Colleges and Universities (NAICU)

National Collegiate Athletic Association (NCAA)

National Society of Experiential Education (NSEE)

New York Association of Colleges for Teacher Education (NYSACTE)

NYLINK

Orange County Citizens Foundation

Pattern for Progress

Planned Giving Group of New York

Skyline Conference

Southeastern New York Library Resource Council

Tech Valley Chamber Coalition

Various regional Chambers of Commerce

STUDENT LIFE

Mount Saint Mary College recognizes each student's right to an education that extends beyond the classroom into all areas of experience. The College provides a rich opportunity for positive growth, personal enjoyment, and individual fulfillment.

STUDENT AFFAIRS

Each person's college experience involves learning to think, explore, question, understand, and cope. Programs and services within Student Affairs have been designed to support the personal growth and development of every student, and to enhance and complement the academic programs of the institution.

Those responsible for providing support services and activities in the student affairs area attempt to:

- assist each student to reach his/her potential;
- provide services necessary to enable students to pursue their academic programs;
- work closely with faculty and other personnel to develop an atmosphere conducive to intellectual growth;
- coordinate an active extracurricular program that provides ample opportunities for involvement by students of diverse interests; and
- implement a student development program that will enable students to develop interpersonal and leadership skills.

The dean of student affairs assumes responsibility for the overall management of the Student Affairs program and its staff. Often, the dean serves as an advisor to students on an individual and group basis. The dean works with student leaders and other College officials to develop appropriate student life policies and procedures.

The dean of student affairs also works to strengthen collaborative efforts between student development and academic affairs by designing and implementing retention programs targeted to the social and academic needs of students. The dean cultivates the student leadership pool through curriculum infusion of both ethical and principled leadership development opportunities on campus, as well as service leadership activities off-campus.

STUDENT GOVERNMENT

The Student Government Association is the legislative body for student life. It can recommend policy changes to the dean of student affairs and the president of the College. The director and assistant director of student activities can advise the Student Government Association and Student Activities program.

Student representatives sit on major faculty committees and participate in ad hoc committees formed during the year.

STUDENT ACTIVITIES

Student Activities assists students in developing a well-balanced extracurricular experience while implementing a wide variety of social, cultural, diverse, educational, and spiritual programs. The office welcomes input and involvement from all commuter and residential students. Through the Student Government Association (SGA), Mount Saint Mary College provides opportunities for students to participate in a variety of co-curricular activities such as Broadway shows, lectures, and museum trips. The student activity fee, administered by SGA, makes it possible for the 35 Student Government Clubs

and Student Activities Council to offer events at reduced rates or free of charge. Because of this, all events are open to all full-time undergraduate students.

The College provides a shuttle to transport students to local shopping areas and the Beacon train station. The shuttle is a free service, available on a first-come, first-served basis, with a Mount identification card. Students may access the shuttle schedule by dialing the **Student Activities Hotline** (845-569-3117).

Involvement in extracurricular activities provides students the opportunity to put classroom theory into practice, thus contributing to a well-rounded education. Students have the opportunity and are encouraged to participate in and contribute to all aspects of campus life.

ATHLETICS

The College sponsors sports for men in soccer, cross country, track and field, basketball, swimming, baseball, tennis, lacrosse, and golf. Women's teams include soccer, volleyball, cross country, track and field, tennis, basketball, swimming, softball, and lacrosse. Information regarding our intercollegiate teams and other athletic programs may be found at www.msmcknights.com.

The Elaine and William Kaplan Recreation Center is the official home of Mount Saint Mary College athletics. The center includes a 1,200 seat gymnasium with NCAA-regulation size basketball and volleyball courts, a swimming pool, an elevated running track, fitness centers, and a dance/aerobics studio. Additionally, Kaplan Field is a synthetic turf field for men's and women's soccer, as well as men's and women's lacrosse. There are six regulation tennis courts and a practice/intramural field for college community use. The Baseball and softball field is just south of the Dominican Center.

The College also provides an extensive intramural and recreation program for the enjoyment of students, staff, and alumni, such as basketball, dodge-ball, soccer, aerobics, and cardio-kick boxing.

Sports and recreational activities are a vital component of the educational process. The intercollegiate athletics and recreation program is mindful of the students' academic life, physical health, and social maturity. Academic success is of the highest priorities. Athletes, per NCAA rules, must be in good academic standing and be enrolled in a minimum course load of full-time studies. Additionally, they must be making satisfactory progress toward a degree. A student athlete on academic probation is not eligible to compete on a team during the time period of probation.

RESIDENCE LIFE

The College has 12 residences ranging in size from 25 to 293 residents. Specific buildings are reserved for freshmen. Freshmen must abide by the regulations consistent with their living arrangements; these emphasize learning to adjust to group living away from home and to accept the responsibilities of being a college student. The director of residence life and the residence life staff are responsible for the development of the residential living program. They plan, implement and enforce rules pertaining to life on campus. Please note: Residence life policies include a three-year residency requirement for students.

The Resident Living Council is a student group that acts as a liaison between residents and the Office of Residence Life. Members of RLC participate in policy and program planning. RLC acts as liaison with the residents and is composed of elected students from the residential community.

Most rooms in the residence halls are double and triple occupancy rooms. Single rooms are available, on a limited basis, to upper-class students. The Mount offers a variety of residential facilities. The College has both co-ed and single-gender housing. Residents



are required to sign a housing agreement before occupancy.

Resident students can access the campus-wide computer network, online library resources, email and the Internet from residence halls and other areas of the campus via the Wireless Academic Network. Participation in the WAN requires a compatible personal computer and a wireless network card, available through the Campus Store.

COMMUTER LIFE

Almost half of the student body consists of commuting students. There is a Commuter Council elected by the commuting students. Student activities, health services, and counseling are available to all students, and commuting students participate in all programs and extracurricular activities.

AQUINAS HALL THEATRE

Mount Saint Mary College is home to an 1,100-seat theatre. Its history of offering drama, dance, and musical programs featuring renowned artists goes back to the founding days of the College.

The MSMC Theatre Program in the Division of Arts and Letters and the student theatre group, Different Stages, all offer staged productions. Outside organizations occasionally offer programs as well.

ARTISTS ON THE CAMPUS

The annual "Artists on the Campus" art show includes exhibits of oil paintings, watercolors, sketching, sculpture, and photography.

PUBLIC SERVICE

Students have many opportunities to engage in volunteer service work and social outreach activities. Mission Week trips during spring break have included New Orleans to

assist with Hurricane Katrina relief efforts and Trinidad to refurbish a Dominican school. Habitat for Humanity has gone to Mississippi and South Carolina to build homes. Locally, students tutor in after-school programs, work at Habitat for Humanity sites; work as Big Brothers and Big Sisters; and conduct food, clothing, and toy drives.

HEALTH SERVICES

Mount Saint Mary College has a Health Services and Wellness Center located in Guzman Hall that is open during the day on weekdays and is available to all full-time undergraduate students. Staffing includes registered nurses, two on-call consulting physicians, per diem nurse practitioners, and an administrative assistant. The physicians also hold office hours on Friday afternoons. No appointment is necessary for routine care.

Health Services maintains student health records for all students. The MSMC Health Form, sent to all newly accepted students who have paid deposits, should be completed and returned to Health Services before they register. The College requires full-time students to submit documentation of a current physical and PPD (TB test), which can be recorded on the health form. Students must also submit an official immunization record from their health care provider or complete a MSMC Immunization Record. The immunization record must be signed and stamped by the student's health care provider. New York State Public Health laws require that all students born on or after January 1, 1957, who wish to enroll for six or more credits in any one semester, provide proof of immunity to measles, mumps and rubella (MMR). In addition, all students, regardless of age, must sign and return the Meningitis Information Response Form stating that they either have had or wish to waive the Meningococcal vaccine. These records must be submitted prior to the beginning of the semester or session. Students who do not comply may be subject to withdrawal from the College.

All full-time undergraduate students pay a Health Service Fee and an Accident Insurance fee. The Health Service Fee covers all routine in-office care provided by the nurses or physicians, as well as over-the-counter medications. Laboratory tests (strep test, mono test, PPD, urinalysis) and many prescription medications are also available, and have a minimal co-pay which is billed to the student's account. In some circumstances, a referral may be made to an appropriate off-campus medical facility. In this case, costs are the responsibility of the student or guardian. The College is located within four blocks of St. Luke's Cornwall Hospital, where students can receive care during the hours that the Health Services clinic is closed.

The Accident Insurance Fee covers loss resulting from accidental bodily injuries sustained during the policy period. The insurance plan provides coverage 24 hours a day, whether the student is in College activities, vacationing or traveling.

Wellness programs are offered throughout the year and encourage learning about health lifestyles. Topics include stress management, smoking cessation, health eating, and exercise, among others. This information is provided through individual student visits, bi-monthly wellness tables, and an annual Health Fair. For more information about **Health Services**, call 845-569-3152, or email healthservices@msmc.edu.

CAMPUS MINISTRY

Campus Ministry is at the service of all faculty, staff, and students. The offices are located in Hudson Hall, rooms 106 and 115. Rooted in our rich Catholic tradition, Campus Ministry helps to build a community of faith through prayer, community, and service, helping all to realize that as children of God, we are called to create a culture of justice, peace, and charity. Campus Ministry offers a variety of activities such as prayer services, retreats, and service programs.

Campus Ministry collaborates with other departments on campus both within and outside of Student Affairs. In keeping with the Dominican heritage of Mount Saint Mary College, there are a variety of programs which help the students to come to know and appreciate the Mount's history and mission. The sacramental life of the Catholic Church is offered to all through Mass, Sacrament of Reconciliation, and an available RICA, Rite of Initiation of Christian Adults program.

THE HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP)

The Arthur O. Eve Higher Education Opportunity Program (HEOP) is a comprehensive academic support program designed for students from academically and economically disadvantaged backgrounds. Students must be New York State residents to be eligible. HEOP is funded by New York State and Mount Saint Mary College.

HEOP students are matriculated with the same responsibilities and benefits of all students attending Mount Saint Mary College. Students in this program must demonstrate potential and motivation for successful completion of undergraduate studies.

Supportive services for all HEOP students include a mandatory pre-freshman summer program designed to strengthen academic skills and to pave the way for a smoother transition to the College.

During the academic year, students receive ongoing tutorial and counseling services. In addition, the program offers cultural enrichment programs, leadership training, developmental workshops and more.

COUNSELING

The Counseling Center offers time-limited, confidential counseling sessions with qualified mental health professionals to matriculated students of Mount Saint Mary College enrolled during the current semester. Students who are determined to require long-term, intensive treatment and/or who present with issues that require services beyond the scope of our office will be referred to appropriate treatment services off-campus. Referrals are also provided for students who opt not to utilize the Counseling Center services.

The Counseling Center is available for consultation to College faculty, administration, and departments for issues related to mental health, counseling, and performance. Counseling Center staff members are also available to make presentations and provide training on a wide variety of topics.

To schedule an appointment or obtain more information about the Counseling Center services, please call 845-569-3115 or email the Counseling Center at counseling@msmc.edu. In the case of an after hours emergency, contact the Campus Safety and Security Office at 845-569-3200.

GENERAL POLICIES AND REGULATIONS

Students are expected to abide by the regulations stated in this catalog, the Student Handbook, and any other College publications. A campus-wide judicial system exists to deal with violations of College regulations. Violations of College regulations may result in penalties up to and including suspension or dismissal from the College.

SECURITY AND SAFETY

Mount Saint Mary College is committed to providing a safe campus for the college community. We employ our own licensed, professional Security and Safety force that

patrols the campus 24 hours a day. The Office of Security and Safety distributes to all students and employees a campus security report that outlines campus security-safety services and policies, offers safety advice and provides campus crime statistics.

The College maintains an Advisory Committee on Campus Safety that meets regularly to review campus security policy and to make recommendations. The Advisory Committee on Campus Safety will provide upon request all campus crimes statistics as reported to the US Department of Education. These statistics are also available on the Department of Education's website: <http://ope.ed.gov/security>. For further information, contact the Office of Security and Safety at 845-569-3597.

SEXUAL ASSAULT

Rape or any sex offense, and any form of sexual harassment are serious offenses that have no place in our society. The College is concerned about the personal safety and welfare of its entire community and strongly urges the reporting of any such cases.

Rape and other sex offenses are illegal in New York State under Sections 130.00-130.96 of the Penal Law and may be prosecuted in a court of law. Those who feel that they are victims of a sex offense may file a complaint with the City of Newburgh police or other appropriate law enforcement agency and are encouraged to inform the College.

POLICY ON SEXUAL HARASSMENT

Mount Saint Mary College seeks to maintain a learning and work environment free from sexual harassment. Sexual harassment is an unacceptable impediment to the educational and scholarly purposes of the College. It subverts the mission of the College and threatens the careers, educational experiences, and well-being of students, faculty, administration, and staff.

Sexual harassment in the workplace is a violation of Section 703 of Title VII of the Civil Rights Act of 1964 as amended (42 U.S.C., section 2000e-2). It is also a violation of the Equal Employment Opportunity Act of 1972. Sexual harassment of students can be seen as a violation of Title IX of the Educational Amendments of 1972. Behaviors that inappropriately assert sexuality as relevant to employee or student performance are damaging to the College environment and will not be tolerated in the college community.

Sexual harassment is especially serious when it threatens relationships between teacher and student or supervisor and subordinate. In such situations, sexual harassment unfairly exploits the power inherent in a faculty member's or supervisor's position.

While sexual harassment often takes place in situations of a power differential between the persons involved, the College recognizes that sexual harassment may also occur between persons of the same college status. The College will not tolerate behavior between or among any members of the college community that constitutes sexual harassment, as defined in the following paragraph.

Definition of Sexual Harassment

The determination of what constitutes sexual harassment will vary with the particular circumstances. Unwelcome sexual advances, requests for favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when: 1. submission to such conduct is made, either explicitly or implicitly, a term or condition of an individual's employment, grade or education; 2. submission to or rejection of such conduct by an individual is used as the basis for employment, grade or education decisions affecting an individual; 3. such conduct has the purpose or effect of unreasonably interfering with an individual's academic or work performance or creating an intimidating, hostile, demeaning, or offensive working or educational environment.



Individuals seeking additional information on the College's sexual harassment policy should refer to the student, faculty, and employee handbooks.

COLLEGE ADVANCEMENT, ALUMNI AFFAIRS, AND ANNUAL GIVING

The Office of College Advancement plans, directs, and coordinates all activities related to philanthropic support of the College with internal and external audiences in support of institutional goals and priorities. These activities include securing unrestricted financial support for annual operations and restricted financial support for scholarships, programs, endowment, and capital projects.

The Office of College Advancement includes the offices of Alumni Affairs and Annual Giving.

The Office of Alumni Affairs is the liaison between the College and all individuals who have been accepted for active, honorary, and associate membership in the Mount Saint Mary College Alumni Association. It is responsible for the coordination of all communication, events and activities relating to alumni.

The Office of Annual Giving is responsible for efforts to secure unrestricted operating support through the MSMC Annual Fund as well as restricted support for scholarships and programs.

THE CAMPUS

Mount Saint Mary College is situated on 86 rolling acres in Newburgh, New York, overlooking the Hudson River. The main campus is 60 acres and the Desmond Campus is 26 acres. The College is 58 miles north of New York City, and 12 miles north of the United States Military Academy at West Point.

The campus is highly accessible, located at the “crossroads” of New York State: from Exit 17 of the New York State Thruway (Interstate 87); the Taconic Parkway to Interstate 84; or NYS Route 9 on the east side of the Hudson River. The Short Line Bus System runs between New York City and Newburgh. Adirondack Trailways runs between Albany and Newburgh. Metro-North Commuter Railroad runs between New York City and Beacon (the trip is slightly over an hour), and ferry and taxi service is available between Beacon and Newburgh. The College provides free shuttle service to the train station in Beacon.

Several major airlines serve the Hudson Valley with daily scheduled flights into Stewart International Airport, located about six miles from the campus. Limousine and taxi service is available at the airport directly to the campus.

CAMPUS BUILDINGS

Aquinas Hall, built in 1963, holds smart classrooms; a multimedia presentation hall; science, nursing, and computer laboratories; a television studio; an art studio; administrative and faculty offices; the Technology Support Center, the mailroom; a 1,100-seat theater; the dining hall, or “The View;” a student lounge; and the campus store.

The Kaplan Family Mathematics, Science, and Technology Center is a 52,000-square-foot addition to Aquinas Hall. The center provides state-of-the-art computer and science labs, administrative and faculty offices; a café; and an atrium with support space.

Bishop Dunn Elementary School, an adjunct facility, is an elementary school where education students teach and observe. Individually guided programs, on both primary and middle levels, are conducted here, as well as classes for children with learning disabilities.

Curtin Memorial Library, located at the southern end of Aquinas Hall, offers traditional research resources and services in a high-tech learning environment. The library will move from Aquinas Hall to the Dominican Center in 2014.

The College Courts, recently renovated, are townhouse-style student residences. All rooms are either singles or doubles with air conditioning throughout. With over 150,000 square feet of space, these residences offer upper-class students both a spacious community atmosphere as well as the privacy they desire.

The **Desmond Campus**, an estate left to the College by Alice Curtis Desmond in 1991, is two miles north of the main campus, in Balmville. It houses the Desmond Campus for Adult Enrichment, which offers the Hudson Valley region community education programs and noncredit classes. The Mount also participates in the international Road Scholars program, organized by staff at the Desmond Campus.

The **Dominican Center**, built in 1927, was the site of Greater Mount Saint Mary Academy, the high school that remained open until 1979, and the Motherhouse for the Dominican Sisters of Newburgh. The Mount purchased the Center in 2011, and this five story, 100,000-square-foot building is being renovated to re-open in phases throughout 2014 as a new living and learning center. The lovely **Chapel of the Most Holy Rosary** is located in the Center.



The **Garden Apartments** house upperclass residents. All rooms are either singles, doubles, or triples with air conditioning throughout.

Guzman Hall, built in 1963 and recently renovated, is a multi-purpose residence hall with a Campus Security office, the Health and Wellness Services center, Founders Chapel, and the student newspaper office. Student rooms are one- or two-bedroom suites. Amenities include a fitness room, computer room, vending area, laundry room, and a movie lounge.

Hudson Hall contains state-of-the-art, technology-enhanced smart classrooms, a multipurpose auditorium, a café, student lounges, and administrative and faculty offices.

The **Elaine and William Kaplan Recreation Center** is available for recreational and intramural activities and intercollegiate sports. The annex has four classrooms, including three smart classrooms. The new Kaplan Athletic field with an all-season turf field and six new tennis courts opened in 2011. A new baseball and softball field lies just south of the Dominican Center.

The **Powell Avenue** properties are located across the street from the main campus and are used as administrative offices.

Sakac Hall, opened in 2006, houses residents in two-, four- and six-person suites. The ground floor has a fitness room, computer room, vending area, television lounge and laundry room. The first floor includes a reception hall and television lounge, and the second, third, and fourth floors have lounges with study carrels, a conference table, and cable television.

The Villa Madonna, an historic Gothic Revivalist mansion built in the 1840s, was a part of the original estate sold to the Sisters in 1913. Here you'll find the offices of the College president, Academic Affairs, Undergraduate Admissions, Marketing, Community Relations and News Services, Institutional Planning and Research, and the lovely Villa Library.

Whittaker Hall, formerly a carriage house, contains administrative and faculty offices.

ADMISSIONS

WELCOME TO ADMISSIONS

Mount Saint Mary College offers bachelor's and master's degree programs, administered by three College admissions areas: Undergraduate Admissions, Adult Degree Completion, and Graduate Programs.

1) Bachelor's degrees, 5-year bachelor's and master's degrees, and collaborative bachelor's and advanced degree programs for traditional college-age undergraduate students (including those transferring from other institutions) through the Office of Undergraduate Admissions. This Undergraduate Catalog serves this population.

Office of Undergraduate Admissions, 330 Powell Avenue, Newburgh, NY 12550. 1-888-MSMC-YES or email admissions@msmc.edu. Website: www.msmc.edu/undergraduate

2) Bachelor's degree programs for adult students through the Adult Degree Completion programs, structured in accelerated, six- or eight-week sessions with evening, weekend, online, and hybrid classes. This Undergraduate Catalog also serves this population. See the section on Adult Degree Completion programs for more information.

Office of Admissions for Graduate Programs & Adult Degree Completion, 330 Powell Ave., Newburgh, NY, 12550. 845-569-3223 or email adultstudentadmissions@msmc.edu Website: www.msmc.edu/adult

3) Master's degree programs in business, education, and nursing, offered through the Graduate Program office. Please see the Mount Saint Mary College Graduate Catalog for detailed information on master's programs, admissions procedures, and academic information.

Office of Admissions for Graduate Programs & Adult Degree Completion, 330 Powell Ave., Newburgh, NY, 12550. Call 845-569-3225 or email gradadmissions@msmc.edu Website: www.msmc.edu/graduate

UNDERGRADUATE ADMISSIONS OVERVIEW

The Office of Undergraduate Admissions carefully evaluates each application on the basis of academic achievement and potential for success at Mount Saint Mary College.

Mount Saint Mary College does not discriminate in the admissions process on the basis of race, creed, national origin, age, disability, gender or marital status of the candidate for entrance. The college will make efforts to accommodate persons with disabilities in the majors of their choice. Persons with disabilities desiring accommodation are responsible for making their needs known to the Office of Services for Students with Disabilities. Information concerning this policy may be found in the Mount Saint Mary College Student Handbook or obtained from the Office of Services for Students with Disabilities.

VISIT OPPORTUNITIES

Mount Saint Mary College welcomes prospective students and their families to the campus throughout the year, although a visit is more interesting if planned during the academic year when classes are in session.

The Office of Undergraduate Admissions (herein referred to as Admissions), for both traditional and transfer students, is open for campus visits Monday-Friday and on select weekend days. In

addition, the Admissions office hosts several open houses throughout the academic year where prospective students have an opportunity to tour the campus with a student guide, to talk with current students, faculty, and staff, and learn about scholarships and financial aid. Accepted students may also choose to observe a class if time and circumstances permit. For more information on the College's visit program or to register, please go to www.msmc.edu/visit

While not required for general admission, an interview may be scheduled at the student's request. The Admissions Committee may also request an interview to gain more information about an applicant. In these cases, students will receive written notification. Please contact the Admissions office with any questions or to schedule an interview.

ACADEMIC REQUIREMENTS

A student with a high school diploma or its equivalent (General Education Development or GED diploma) and whose academic background shows both strength and diversity is best prepared for a program of study at Mount Saint Mary College. Successful candidates typically complete the following coursework at the secondary level:

English	4 units
Foreign Language	3 units
Mathematics	3 units
Science	3 units
Social Studies	4 units
Electives (art, music, etc.)	3.5 units

Secondary studies should reflect the program a student wishes to pursue at the college level. Nursing and physician assistant (pending- Accreditation Provisional) candidates must have taken at least one unit of biology and one unit of chemistry. See the Academic Programs section of the catalog for specific program requirements.

Students who are beginning college study one or more years after high school graduation, as well as students who have earned a high school equivalency diploma, are also encouraged to apply to Mount Saint Mary College. Neither the ACT nor the SAT is required of these students if the test had not been taken while the student was still in high school. The greatest emphasis will be placed on previous academic achievement, recent work and educational experiences as well as recommendation letters. A personal interview with a member of the Admissions team is strongly advised.

All newly matriculated Mount Saint Mary College students are required to demonstrate minimal competency in writing, reading comprehension, and mathematics. These competencies may be determined by satisfactory achievement on screening tests to be given after acceptance into the College. In addition, SAT scores of incoming students may also be used as an initial screening. Transfer students who have completed courses with a C or better that address these competencies need not be tested. Any student who does not meet these standards will be required to take the appropriate measures and demonstrate competency in these areas.

The College shall make a commitment to all full-time students to provide the opportunity to complete a degree within four years; however, the need for remediation may extend the time required to complete a degree.

APPLICATION PROCEDURE

Under our rolling admissions policy, applications for admission are evaluated as soon as all credentials have been received by Admissions (with the exception of the physician assistant studies-pending provisional accreditation, and nursing. Students are usually

notified of the admissions decision within six weeks after the following materials are received by Admissions:

- A completed application for admission;
- An official copy of the applicant's secondary school record from the high school principal or guidance counselor or evidence of successful achievement in the High School Equivalency Examination;
- ACT or SAT scores;
- \$45 application fee, if using a paper application;
- Recommendation letter from a teacher of guidance counselor;
- Essay.

Candidates are encouraged to apply to Mount Saint Mary College in the fall of their senior year. Applicants should submit a record of scores for either the American College Testing Service test (ACT) or the Scholastic Aptitude Test (SAT). For the ACT, the composite score is used for admission, with the writing score being used for course placement. For the SAT, the critical reading and math are used for admission, with the writing score used for course placement. For the ACT, the Mount's code is 2819; for the SAT, the Mount code is 2423. If they have not already taken either the SAT or ACT exam, they should do so as early in the fall as possible. To register for these exams, visit www.actstudent.org or www.collegeboard.org

In some instances, the decision on applications filed in the fall will be postponed until the spring if the Admissions team feels that more information is necessary. The candidate will be asked to submit a record of his/her school work for the first half of the senior year as well as the results of senior ACT or SAT scores.

A deposit of \$450 for resident students (\$150 for commuter students) is required in order to reserve a place as an entering student. This deposit is credited to the student's account for the first semester and is refundable if Admissions receives written notice of intention not to attend Mount Saint Mary College on or before May 1.

SPECIAL CONSIDERATION STUDENTS

The Special Consideration program is designed for students who do not meet Mount Saint Mary College's regular admissions criteria, but demonstrate potential to succeed with academic support. Applications are reviewed by the Special Consideration Selection Committee, with staff from the Center for Student Success and the Office of Undergraduate Admissions. The Committee then makes recommendations to the director of undergraduate admissions for those students deemed eligible for the Special Consideration Program. (Space is limited in this program).

The Center for Student Success manages the Special Consideration program. Special Consideration students must meet certain requirements in order to be retained at the college after the first semester of study. These requirements are as follows: A restriction of 13 credits in the first semester; the GPA required for good academic standing; mandatory meetings with an academic coach, and an advisement meeting during summer orientation (or prior to the fall term) with the student's academic coach/advisor in the Center for Student Success. Additional requirements may be recommended based on the student's assessed need.

While the Special Consideration program is in effect only during the first term of study, students may continue to benefit from the academic support services available through the Center for Student Success.

The Academic Standards Committee monitors the academic progress of Special Consideration students.

HEALTH RECORDS REQUIREMENTS

The College Health Forms, sent to all newly accepted students who have paid deposits, should be completed and returned to the Health Services Office before the students' first semester. The College requires full-time students to submit documentation of a current physical and PPD (TB test), which can be recorded on the health form.

All students must submit immunization records. They may submit an official immunization record from their health care provider or complete a MSMC Immunization Record; a health care practitioner must sign the immunization record. These records must be submitted before the beginning of the semester or session. For more information, see Health Services under Student Affairs.

EARLY ADMISSIONS

The Early Admissions program is designed to meet the needs of students who are prepared academically, socially and emotionally for college entrance after the junior year of high school. Provisions are made to enable the student to complete any remaining requirements for the high school diploma, such as a unit in English or social studies, while simultaneously engaged in a regular college program of study. A student applying for this program should rank in the upper three-fifths of his/her junior class. A personal interview with a member of the admissions staff is required of all Early Admissions candidates.

The applicant for Early Admissions must submit the following to the Office of Admissions:

- A completed application for admission;
- Secondary school records from the high school principal or counselor;
- PSAT scores;
- Certification from his/her guidance counselor of courses still to be completed to satisfy high school graduation requirements;
- Letter of recommendation from a counselor and at least one instructor;
- Written statement of reason for seeking Early Admission and for choosing Mount Saint Mary College (250 or fewer words);
- A \$45 application fee (if submitting a paper application).

HIGH SCHOOL/COLLEGE BRIDGE PROGRAM

High school students may enroll in one or two college courses each semester (excluding accelerated sessions) during the academic year concurrently with their senior year in high school. They will be considered non-matriculated students and may either use the credits earned toward one of the degree programs at Mount Saint Mary College or may transfer these credits to a degree program at another institution. For more information, students should contact the Undergraduate Admissions Office at admissions@msmc.edu

ADVANCED PLACEMENT EXAMINATIONS

Students who have completed advanced placement work in secondary school may earn advanced standing. Students who take the Advanced Placement examinations and receive a score of 3, 4, or 5 will be granted college credit. Scores of 1 or 2 are not eligible for exemption or college credit. Students should contact the College Board to have official AP scores sent to Mount Saint Mary College. For more information on AP Examinations, please contact the Registrar's Office at registrar@msmc.edu.

INTERNATIONAL BACCALAUREATE TRANSFER CREDIT

Students who have completed International Baccalaureate (IB) courses in secondary school may earn advanced standing. Courses submitted with a score of 5, 6 or 7 are eligible for college credit, and credit articulation will be determined by the appropriate academic division. Scores of 1, 2, 3, or 4 are not eligible for exemption or college credit. Students must submit a sealed, official transcript from the IBO for transfer credit to be considered. For more information, please contact the Office of the Registrar at registrar@msmc.edu

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Once admitted to Mount Saint Mary College, students may receive credit by examination through the CLEP General and Subject Examinations. Academic divisions and the registrar will determine the number of credits earned through CLEP. A maximum of 45 credits may be awarded. For additional information about CLEP, contact the Office of the Registrar's at registrar@msmc.edu. (See Permission For Credits .)

GRADUATE EQUIVALENCY DIPLOMA

Individuals who have not completed their high school studies but are interested in pursuing a degree at Mount Saint Mary College must earn a GED and complete 24 credits of college level work. These credits must include: 6 credits in English/language arts, including writing, speaking and reading (literature); 6 credits in mathematics; 3 credits in natural science; 3 credits in social science; 3 credits in humanities; and 3 credits in career and technical education (computer science), or foreign language.

HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP)

HEOP at Mount Saint Mary College provides educational opportunity and support to traditionally underserved students. These students, who have strong academic and personal potential, would otherwise be excluded from higher education due to circumstances of academic and economic disadvantage. The mission of the program reflects and enriches the mission of the College, and is jointly sponsored by the New York State Higher Education Opportunity Program and the College. Students must be NYS residents and meet income eligibility guidelines. For more information, contact HEOP@msmc.edu

SERVICE MEMBERS AND VETERANS

Mount Saint Mary College belongs to the consortium of Service Members Opportunity Colleges, whose goal is to help members of the service and veterans pursue degrees. Students eligible for Veteran's Benefits should contact the Office of the Registrar for information and the initiation of an application for benefits. Active duty students may not apply for Veteran's Benefits and Tuition Assistance (TA) for the same course. For more information, please contact the Office of the Registrar at registrar@msmc.edu

ADMISSION OF INTERNATIONAL STUDENTS

International students planning to enter Mount Saint Mary College as freshmen or transfer students must complete the same application as traditional students. In addition to the application, international applicants must also submit:

- Completed application for admission.
- Either SAT (Scholastic Aptitude Test) scores or the results of their TOEFL (Test of

English as a Foreign Language) exam, both published by the College Entrance Examination Board. Mount Saint Mary College requires a minimum TOEFL score of 79 on the IBT for admission.

- Official copies of their previous secondary and post-secondary academic records, as well as evaluations of said transcripts by an official evaluator such as WES.
- An essay, written in English, of at least 250 words. Evaluate a life-changing event, ethical dilemma, or significant experience you've had, and how it impacted you.
- At least one letter of recommendation in English. If the letter of recommendation is written in the applicant's native language, a signed copy of the translation is acceptable if included with the original letter.
- Application fee of \$45, if using the paper application.

Please note that the secondary education credentials of international students seeking admission to the nursing program must be evaluated by the New York State Education Department before an admissions decision can be made.

NON-MATRICULATED STUDENTS

Individuals who do not wish to become candidates for a degree from Mount Saint Mary College but who wish to enroll in certain courses may be admitted as non-matriculated students. A non-matriculated student may become a candidate for a degree only upon application and acceptance for admission or after completing 24 credits in the following areas:

- 6 credits of English
- 6 credits of Mathematics
- 3 credits of Natural Science
- 3 credits of Social Science
- 3 credits of Fine Arts (humanities)
- 3 credits of Career/Technical (to be determined).

The registrar can approve the request if the student has a Grade Point Average of 2.5 or better. Candidates who do not meet this requirement may petition the Academic Standards Committee. Non-matriculated students are not eligible for financial aid.

SERVICES FOR STUDENTS WITH DISABILITIES

Mount Saint Mary College will provide reasonable accommodations to any student or employee who has a disability and who wishes such accommodations. The Office of Services for Students with Disabilities (SSD) oversees the procedures for arranging such accommodations after the student is admitted to the College. Please email disabilityservices@msmc.edu with any questions you may have.

TRANSFER STUDENTS

The College encourages applications from transfer students, particularly from community colleges. Transfer students are admitted in the fall and spring. Applicants must submit official transcripts of all previous college-level work along with their final high school transcript. Upon acceptance, all transcripts will be reviewed by the Registrar's office. The Mount accepts credits from regionally accredited institutions, similar to courses offered at the Mount in which a grade of C or better is earned (except as noted below).

Students with an associate of applied science (AAS) or an associate of science (AS) in nursing, who enter the nursing program, are awarded transfer credit for acceptable liberal arts and science courses. Courses in nursing taken in an associate degree program are not transferable to the BS in nursing at Mount Saint Mary College.

Transfer courses or Mount Saint Mary College courses, used by a returning student after a significant absence, may not be used toward the degree if the courses are not consistent with current requirements. The specific courses affected by this policy will be identified and evaluated by the respective divisions.

Application Procedure

To transfer to the Mount, candidates should submit the following:

- A completed application for admission;
- Official transcripts of secondary school work and all previous college work;
- A \$45 application fee if using the paper application.

Course descriptions or a course syllabus may be requested. Students will be notified of the admissions decision within approximately two to three weeks of the arrival of their records in the Admissions office.

Transferring credits

Credits equivalent to the community college's requirements for the associate in arts degree (AA) or associate in science degree (AS) degree (to a maximum of 66 credits) will be accepted only for courses with grades of C or better. Courses graded with C-, D+ and D may be used to bring the transfer credits to the guaranteed minimum level of 60 credits for those students who have completed the AA or AS degree prior to matriculating at Mount Saint Mary College.

A minimum of 30 credits must be taken at Mount Saint Mary College, provided the student transfers from a four-year institution. Ninety credits, at most, will be transferred from a four-year college and maximum of 66 credits will be accepted from a two-year institution. Courses with a grade of D are acceptable only with the 60-credit guarantee for an AA or AS degree or the first part of sequential subjects in which a grade of C or better is achieved in the second part (e.g. BIO 1130 : D; BIO 1140 : C) from the same college.

Articulation Agreements

The Mount has reciprocal agreements with Dutchess Community College, Orange County Community College, Sullivan County Community College, Rockland Community College, Ulster County Community College, and Westchester Community College.

Graduation Requirements

To qualify for the bachelor's degree at Mount Saint Mary College, students must have 120 credit hours and a minimum GPA of 2.0 or for students pursuing New York State teacher certification, a minimum GPA of 2.75.

ADULT DEGREE COMPLETION PROGRAMS

Adult Degree Completion programs provide busy adult students the chance to earn a bachelor's degree in two and a half years. (For pre-licensure nursing majors, the program takes three and a half years). Students may pursue a degree at a chosen pace, and may elect to "stop out" for a period as family or work demands dictate.

The ADC programs offers in-classroom, hybrid, and fully-online courses to provide

greater flexibility for the nontraditional student. It offers several programs of study: accounting, business, history, human services, interdisciplinary degree toward education, nursing, RN to BS in nursing, and psychology. By participating fully in this flexible program, a student may earn up to 48 credits per year.

The academic year is divided into shorter sessions, with courses offered Monday/Wednesday evenings, Tuesday/Thursday evenings, or Saturdays. The combination of hybrid courses and online learning with the Mount's personalized advisement and adaptable scheduling allows more adults to obtain a bachelor's degree in the shortest time period. Through individualized counseling, students are encouraged to establish a realistic educational plan that suits their long-term goals, while fulfilling family and work responsibilities. For more information, contact the Office of Admissions for Graduate Programs and Adult Degree Completion by sending an email to adultstudentadmissions@msmc.edu, or call 845-569-3225.

Traditional Students in Adult Degree Completion courses

Students enrolled in the traditional program who have earned fewer than 60 credits are not allowed to enroll in 6-week accelerated courses that overlap with the traditional fall or spring semesters. Traditional students with 60 or more earned credits and a GPA of 2.75 may enroll in one 6-week accelerated course during the traditional fall or spring semester after they have completed one semester of full-time (12 credits) coursework in the traditional day program, with the permission of their advisor and the chair of the division offering the course. Students may seek exceptions to these policies from the vice president for academic affairs, with the approval of their advisor and the chair of the division offering the accelerated course.

Adult Students in the Traditional Undergraduate Program

Adult students may choose the traditional undergraduate program that offers a wider choice of majors and courses, as well as the opportunity to pursue New York State Teacher Certification as part of their undergraduate degree.

TUITION AND FEES

Full-time traditional: Freshmen and Transfers (entering fall 2013)	Cost
12 to 16 credits	\$12,650 per semester \$25,300 annually
Less than 12 credits or more than 16 credits	\$843 per credit

Returning and Nontraditional Students (entered prior to fall 2013)	Cost
Undergraduate	\$843 per credit
Adult Degree Completion discount	\$640 per credit

Online Education	
Nursing	\$765 per credit
Business	\$652 per credit
100% Online RN to BS in nursing	\$590 per credit
West Point site	\$246 per credit
Graduate*	\$742 per credit

Fees	Cost
General fee, per semester	
Full-time student	\$475
Part-time student and nontraditional	\$70
New Student Fee	\$225
Laundry Fee, per semester	\$35
Application Fee	\$45
Returned Check	\$25
Drop fee, per drop	\$10
Late Payment Fee	\$200

Room and Board	Cost
Regular room	\$3,849 per semester \$7,698 annually
Single room	\$4,300 per semester \$8,600 annually
Standard Board	\$2,796 per semester \$5,592 annually
Elmwood Board	\$2,230 per semester \$4,460 annually

Transcripts, Unofficial	Cost
Active Students	NC
Inactive Students	\$3.00

Transcripts, Official	
First copy mailed home	\$5.00
Five copies to same address	\$20.00
10 copies to same address	\$30.00

Life Experience or Challenge Examination Fees	
Application Fee (non-refundable)	\$50.00
Evaluation Fee, credit	25% of tuition

Nursing and Physical Therapy Students	
In addition to the fees paid by all students, students in the nursing and medical technology programs must pay the approximate fees listed below. The means and cost of transportation to and from clinical agencies is the responsibility of each student.	
Uniforms and Equipment (approximate for nursing)	Variable \$250.00
Transportation to field agencies	Variable
CPR Certification Fee	\$100.00
Annual Health Exam (MSMC Health Services: provides Physical and PPD for nursing)	Variable Nominal Fee

Nursing Proficiency Exams for RNs	
Per Written Exam	Between \$70.00 and \$80.00
Per Clinical Exam	\$205.00

Physical Therapy	
New York Medical College	
Tuition	\$28,750.00
Fees	\$476.00
Telecommunication Fee	\$320.00
NYMC Health Insurance	\$3,714.00
Books and Supplies	\$1,808.00
Food	\$4,346.00
Housing (12 months, Includes 200.00 deposit)	\$9,744.00
Transportation	\$1,626.00
Miscellaneous	\$3,508.00

TOTAL: \$54,292.00

PAYMENT OF TUITION AND FEES

Tuition and fees are due one week before the semester or session begins. Checks should be made payable to Mount Saint Mary College. MasterCard, Visa and Discover are accepted. Credit card and Echeck payments may be made online through the MSMC Web Module.

For students who prefer to pay tuition and expenses on a monthly basis, the college

offers a payment plan. Please contact the Student Accounts Office (845-569-3214) for an application or additional information.

A late payment fee will be assessed if the student account balance is not satisfied by the due date. Students will not be allowed to register for classes, receive their diploma or an official transcript with an outstanding balance. A late registration fee will be charged to all returning students who register on or after the first day of the semester or session. Past due accounts are subject to collection costs.

Books and supplies may be purchased at the Campus Store. The estimated expenses per year for books and supplies is \$1,000; estimated expenses per year for personal costs (spending money, laundry and incidental needs) is \$1,000; estimated costs per year for commuter transportation is \$1,500. Students planning to live off-campus should allow approximately \$5,400 per year for rental and \$1,800 per year for food.

Housing Deposits

Students in residence at the college renew their room reservations annually before February 28 by making a deposit of \$300.

Deposits are not refundable but will be credited only to room and board charges.

Newly admitted students are encouraged to make their deposits before April 15 or within a month of acceptance if the acceptance date is after April 15. Deposits are refundable if notice not to attend Mount Saint Mary College is received by the Director of Admissions on or before May 1.

Refund of Tuition and Fees

The college must make financial commitments to faculty, staff, and suppliers on an annual basis. For this reason, refunds will be made only as follows:

Withdrawal from the College

In the event of withdrawal from the college, the student must give written notification to the Registrar. The date of withdrawal will be determined by the date recorded in the Registrar's Office. Withdrawal before the first day of class will result in a 100% refund of institutional charges, which consist of tuition, mandatory fees, room and board. All refunds are subject to a \$50 administrative fee.

If a student withdraws	*Institutional charges returned
Before/within 1st week of class	100% refund
Within 2nd week of class	60% refund
Within 3rd week of class	30% refund
After 3rd week of class	No refund

**Institutional charges include any tuition, mandatory fees; room and board. All withdrawals are subject to a \$10-per-course administrative fee. Resident students leaving college housing will be prorated as detailed above with no refund on room charges after the third week of class.*

DROPPED COURSES

Withdrawal from a course is the student's responsibility. The student must drop the course by contacting the Registrar's Office in writing or online through the MSMC Web Module (print a copy). A student who fails to attend class before the end of the add/drop period may be withdrawn at the professor's discretion.

If a student remains registered but drops a course in a *traditional* schedule during the first week of classes, all charges will be dropped. Thereafter, refunds will be made as follows:

If the student withdraws during	The refund will be
Week 1	100%
Week 2	60%
Week 3	30%
After week 3	none

FOR ACCELERATED/EVENING COURSES

If a student withdraws	**institutional charges returned
Before/within 1st week of class	100%
Within 2nd week of class	50%
After the 2nd week of class	none

Note: Accelerated/Evening classes that run 12 or more weeks follow the traditional refund schedule.

Whether withdrawing entirely from the college or from individual courses, the student must give written notification to the Registrar's Office. The date of withdrawal will be determined by the date received in the Registrar's Office. Percentage Refund Dates are listed in the Academic Calendar.

Withdrawal from housing will be determined by the date that the student completes the check-out process, which includes returning all room and mailbox keys to the Residence Life Department.

***Institutional charges include any tuition and mandatory fees. All withdrawals are subject to a \$10-per-course administrative fee.*

Any student who drops below 12 credits (full-time status) will risk losing full-time financial aid and have the award adjusted accordingly. Residential students are required to be full time students. Residents must be granted permission by the Residence Life Department to remain in housing with less than 12 credits.

FINANCIAL AID

OVERVIEW

Mount Saint Mary College's Office of Financial aid is located in room 112 of Aquinas Hall. Our office provides assistance in helping students access funding in the form of scholarships, grants, loans, and part-time employment from a variety of sources including Federal, New York State, private and institutional.

No student will be barred from consideration due to race, gender, creed, age or disability. All US Citizens and eligible non-citizens will be considered for financial aid if they file a Free Application for Federal Student Aid (FAFSA). Students or returning students who are in default of a federal loan, owe a repayment on any federal funds, or have discharged a previous Federal student loan in bankruptcy, are ineligible for financial aid from any source until the default or repayment is resolved.

FINANCIAL AID APPLICATION

Mount Saint Mary College requires all applicants for financial aid to complete the FAFSA. Applicants should complete the form online at www.fafsa.ed.gov. When completing the application students must list Mount Saint Mary College, Newburgh, NY 12550, as a recipient. Our Title IV school code number is 002778.

Please note: All applicants are considered for all aid available, depending upon need, including federal, state, and institutional funds on a first-come, first-served basis, once they are admitted to the College. First-year students are advised to file the required forms no later than February 15 of the year enrollment is anticipated. Returning students are encouraged to file the FAFSA or Renewal FAFSA no later than April 15.

VERIFICATION - POLICY AND PROCEDURAL STATEMENT

Federal verification guidelines require that applicants are selected for verification by the Central Processing System (CPS) or by the school. At the Mount, Federal verification is performed on all applicants selected by the CPS and any application that the College has reason to believe is incorrect or has conflicting documentation.

Under certain circumstances, a CPS selected application may be excluded from some or all of the Federal verification requirements due to the following unusual circumstances including: death of the student, not an aid recipient, applicant is eligible to receive only unsubsidized student financial assistance. With the exception of the death of the student, however, none of these exemptions excuse the College from the requirement to resolve conflicting information.

Federal verification must typically be completed prior to the end of the academic year or before the student ceases enrollment, whichever occurs first. Students who fail to comply with verification requirements, including submitting documentation within required timelines, will not have Federal Title IV funds disbursed and may have Federal Title IV funds cancelled. The Mount considers the student to be the responsible party for providing information and completing the verification process.

To complete the verification process, acceptable documentation will include Student Verification Worksheet, IRS Tax Transcripts or IRS DRT, and W-2's. To resolve discrepancies in reported information, students may be required to complete and submit additional information including IRS Tax Returns, schedules or other documentation.

Verification results that require changes to the applicant information and subsequent

changes to the student's financial aid package will be made prior to final disbursement of Federal funds. For all students eligible for subsidized Title IV aid, the College will make appropriate changes to the student information electronically through the Department of Education's CPS to ensure each student has a correct valid ISIR. The student will be notified of this adjustment through a revised financial aid award letter.

If the verification results do not justify aid already disbursed, the student is responsible for repaying all aid for which s/he is not eligible. Failure to meet the repayment obligation will result in the student being referred by the Mount to the U.S. Department of Education.

Verification results that reveal possible fraud or criminal misconduct in connection with the financial aid application or verification processes will result in the matter being referred by MSMC to the Office of the Inspector General of the U.S. Department of Education for investigation.

Federal Verification Selection Compliance

MSMC completes verification for all aid applicants selected for verification by the CPS. The Mount also has the option to select additional applicants for verification including those it has reason to believe are inaccurate or have conflicting information.

Questions regarding this policy or its intent should be directed to the Student Financial Aid Office at 845-569-3700.

The Federal Tax Transcript can be ordered at www.irs.gov or by calling 1-800-908-9946.

RESPONSIBILITIES OF STUDENTS WHO RECEIVE FINANCIAL AID

Since financial need is considered when the amount of a student's award is determined, it is the responsibility of the applicant to report promptly to the Financial Aid Office any awards made available to him/her from sources other than the College. This includes scholarships, state incentives, veteran's benefits, grants, etc. The financial aid "package" previously awarded will be reviewed and will require adjustments if the student's financial need is exceeded.

Students must maintain Federal Financial Aid satisfactory academic progress or SAP, to continue to be eligible for Federal, State and MSMC funding. Financial Aid SAP is different from Mount Saint Mary College's Academic Standards Policy. A complete explanation of Financial Aid SAP can be found on our website at http://www.msmc.edu/Student_Services/Financial_Aid/financial_aid_satisfactory_academic_progress.be

We encourage you to check the website for the latest information as catalogs are printed every 2-3 years, and Financial Aid policy changes more frequently.

Financial aid payments will not be made until the add-drop period is completed. At that time, and on a rolling basis thereafter, aid will be credited to student accounts. Stafford Loans are credited upon receipt of electronic funds or endorsement of the check by the student. Refunds are disbursed to the student when financial aid exceeds the charges.

INSTITUTIONAL AWARDS

Scholarship Criteria

MSMC scholarships are awarded to first-time freshmen, are competitive, are limited in number and may be applied to undergraduate tuition only. Consideration for these awards is based on combined SAT or ACT scores and high school GPA. To be considered for one of these awards, a student must be accepted for full-time enrollment in the

traditional undergraduate program at Mount Saint Mary College. Scholarships must be awarded prior to the first day of classes; no changes will be made to scholarships after this point. Students who are not filing a FAFSA must email finaid@msmc.edu to notify our office of this intention so that we can waive the FAFSA and apply your funds. **Mount Saint Mary College does not award athletic grants of any kind.**

MSMC Achievement, Dean’s, Founders, Distinguished Scholar scholarships and Presidential Scholarships

These scholarships are academic awards ranging from \$2,000 to \$14,000 per year. Scholarships are renewable for three years provided the student remains a full-time student, registered for a minimum of 12 traditional credits each semester; maintains a 2.0 cumulative Grade Point Average; and remains in good social standing.

Transfer Honors Scholarships

Mount Saint Mary College will award half-tuition transfer honors scholarships each academic year to a minimum of one graduate from each of the following community colleges: Dutchess County Community College, Orange County Community College, Rockland County Community College, Ulster County Community College, Westchester County Community College, and Nassau County Community College.

MSMC NEED-BASED GRANTS

MSMC Grants are awarded on a competitive basis and may reflect academic excellence, as well as demonstrated financial need. The level of grant assistance depends on the quality of the student’s academic record, the amount of financial need, the availability of funds, and full-time traditional enrollment. Amounts range from \$1,000-\$7,500 per year and may be renewed so long as the student continues to demonstrate financial need and remains in good academic standing. The MSMC Grant requires a 2.0 GPA and FAFSA filing for renewal.

DONOR SCHOLARSHIPS

Mount Saint Mary College offers a number of private scholarships each year. Recipients are generally selected on the basis of academic achievement, major, financial need, and/or place of residence. A listing of endowed scholarships may be found on our website.

NEW YORK STATE PROGRAMS

The programs listed below are administered by the New York Higher Education Services Corporation (HESC):

Tuition Assistance Program (TAP)

Students who are New York state residents and graduates of high schools in New York State may apply for TAP by completing the State’s TAP Application. This application will automatically be sent to students who have filed the Free Application for Federal Student Aid. MSMC’s code should be listed as 2110 on the TAP Application. HESC determines each applicant’s eligibility and mails an award certificate directly to the applicant indicating the amount of this grant. On your Free Application for Federal Student Aid (FAFSA) you are asked to list the schools you plan to attend. The FAFSA, in turn, is the source of the school code for the TAP application. When you complete the online TAP application, the first New York school you listed on the FAFSA will appear online. If the school is not correct, you must change it when completing the TAP on the Web application.

The TAP program was established by the New York State Legislature and is an entitlement program which means that if an applicant meets the criteria, he/she will receive an award at an approved institution within New York State. The minimum award has been as low as \$100 per year and the maximum amount of this award at a private institution has been as high as \$5,000 but depends upon the appropriation in the New York state budget approved by the legislature.

Effective 2010-11 for non-remedial students receiving first NYS award payment in 2010-11 and thereafter. Remedial students and students enrolled in an approved certificate program will use the 2006 SAP charts.

PROGRAM: BACCALAUREATE PROGRAM

Calendar: Semester 2010-11 and thereafter (non-remedial students)

BEFORE BEING CERTIFIED FOR THIS PAYMENT:

First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth
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A STUDENT MUST HAVE ACCURED AT LEAST THIS MANY CREDITS:

0	6	15	27	39	51	66	81	96	111
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WITH AT LEAST THIS GPA:

0	1.5	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0
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After four semesters of payments, the award is reduced by \$100. Students are limited to four years of eligibility and must be matriculated as a full-time student in an approved post-secondary program. Students enrolled in approved five-year programs, or in a state-sponsored opportunity program, or who are disabled may receive five years of awards for undergraduate study.

Graduate students may receive awards for an additional two years. The minimum award for graduate students has been as low as \$75 per year, and the maximum amount of this award, at a private institution, has been as high as \$550.

Although the Financial Aid Office provides an estimate of eligibility, all income data are subject to verification by the New York State Department of Taxation and Finance and HESC. Awards may be changed by the state based upon the result of this process. Actual payment of TAP arrives later in the semester after the College certifies student eligibility.

If a student repeats a course in which a passing grade has already been received, the course cannot be included as part of the student’s minimum full-time or part-time course load for financial aid purposes. When such courses are included in meeting the minimum requirement, they render the student ineligible for TAP. In the following instances, repeated courses may count toward full-time or part-time study:

1. when a failed course is repeated;
2. when a grade received is passing at MSMC but not acceptable in a particular curriculum;
3. when a course is repeated and credit earned each time.

Higher Education Opportunity Program (HEOP)

To be determined eligible for HEOP, applicants must apply and provide the appropriate documents to the HEOP Office at the Mount. Once selected and admitted, HEOP participants may continue in the program until degree completion, with awards available for various periods depending on the duration of their academic program. All HEOP students must file the FAFSA to be considered for aid from HEOP as well as from other state

and federally funded programs. The amount of financial aid and other support provided depends upon a student's financial need. Recipients must meet requirements for academic progress determined by the College. Each recipient must also apply for TAP and follow through with the appropriate paperwork each year in order for funds to be disbursed. TAP is limited to five years of eligibility for HEOP students. All students must achieve a 2.0 Grade Point Average by the end of their sophomore year to continue to receive TAP awards.

Aid for Part-Time Study (APTS)

Applicants who are enrolled for at least 6 credits but fewer than 12 credits each semester may apply for this state, campus-based grant program through the Financial Aid Office. The maximum award is \$2,000 per academic year. The number and amount of each award is determined by each college, based upon its annual allocation which varies. To retain the award, a student must maintain satisfactory academic progress in addition to filing an application each year and meeting the eligibility criteria. Applications are available in the Financial Aid Office and must be returned along with copies of parent and student New York state tax returns.

Vocational and Educational Services for Individuals with Disabilities

Persons with disabilities may obtain a list of local VESID Offices from: New York State Education Department, Albany, NY 12234.

VESID policy has established a maximum payment toward tuition and room and board for a client in any one academic year.

Other Programs

Regents Professional Opportunity Scholarship: The NYS Regents Professional Opportunity Scholarships are awarded to eligible students. Grants range from \$1,000 to \$5,000 per year.

"Selection is based on the following priorities:

- Those who are economically disadvantaged and who are members of a minority group that is historically underrepresented in the chosen profession.
- Those who are members of a minority group historically underrepresented in the chosen profession.
- Those enrolled in or graduated from the following opportunity programs: SEEK, College Discovery, EOP, or HEOP"
- Service after graduation is required. <http://www.hesc.com>

World Trade Center Memorial Scholarship: "The NYS World Trade Center Memorial Scholarship program guarantees access to a college education to the families and financial dependents of the victims who died or were severely and permanently disabled in the September 11, 2001 terrorist attacks and the resulting rescue and recovery efforts." <http://www.hesc.com>

Please also see **Families of Freedom** at <http://www.familiesoffreedom.org> (Families of Freedom is not a NYS scholarship program).

Memorial Scholarship: "The NYS Memorial Scholarship provides financial aid grant assistance to "children, spouses and financial dependents of deceased firefighters, volunteer firefighters, police officers, peace officers, and emergency medical service workers who have died as the result of injuries sustained in the line of duty in service to the State of New York." <http://www.hesc.com>

Military Service Recognition Scholarship: "The Military Service Recognition Scholarship (MSRS) provides financial aid to children, spouses and financial dependents of members

of the armed forces of the United States or state organized militia who, at any time on or after Aug. 2, 1990, while New York State residents, died or became severely and permanently disabled while engaged in hostilities or training for hostilities." <http://www.hesc.com>

NYS Scholarships for Academic Excellence: Awarded to NYS residents from registered NYS high schools. Awards are based on test scores on certain Regents exams. Please see your local high school guidance office for more information.

NYS Math & Science Teaching Incentive Scholarships: Awarded to students who are pursuing a career as secondary math and science teachers. There is a service commitment of five years full-time employment associated with this scholarship. <http://www.hesc.com>

Senator Patricia K. McGee Nursing Faculty Scholarship: Awarded to students who are registered professional nurses and are enrolled in a graduate nursing program. There is a service commitment to teach at least 12 credit hours as nursing faculty or as adjunct clinical faculty for four years after graduation.

Student Aid to Native Americans: For full-time study in an approved program leading to a degree. Contact the Native American Education Unit, New York State Education Department, Room 471 EBA, Albany, NY 12234.

FEDERAL PROGRAMS

To be considered for all the following federal programs, which were established by Congress and are governed by federal rules and regulations, students *must* complete and file the FAFSA discussed at the beginning of this section. Students will receive a Student Aid Report as a result which will indicate an EFC (Estimated Family Contribution). This number is used in determining financial need for federal programs. Students must maintain satisfactory academic progress and complete the appropriate forms each year for awards to be renewed.

Federal Pell Grant

A Federal grant awarded to students with significant financial need, as measured by a congressionally established needs-analysis formula that measures a family's ability to pay for educational expenses. New in 2012-2013: Congress passed legislation which places limits on the number of semesters a student can receive Federal Pell Awards. This limit is 12 semesters. If a student is close to or at their lifetime Pell limit, our office will notify the student via email. Students will also be notified by the US Department of Education when they file their FAFSA that they are at or close to their lifetime limit.

Federal Supplemental Educational Opportunity Grants (SEOG)

SEOG is a Federal grant which is awarded by the institution to students with exceptional financial need, with Federal Pell Grant recipients given first priority. Students who complete the FAFSA and have exceptional financial need are automatically considered for this grant. The number of awards are based on funding.

Teacher Education Assistance for College and Higher Education (TEACH Grant program):

The Federal TEACH grant program provides grant funds to students who are completing or plan to complete coursework toward a career in teaching. You must agree to serve for at least 4 out of 8 years after graduation in a high-need field, and work in certain school districts. For more information, please see the following website: <http://studentaid.ed.gov/PORTALSWebApp/students/english/TEACH.jsp>

Federal Work Study Program (FWS)

This program provides employment opportunities on and off campus to students who demonstrate financial need. In the event that more students are eligible for FWS than there are funds available, preference is given to students who have exceptional financial need. The Financial Aid Office is responsible for selecting recipients and determining award amounts. Jobs are not guaranteed. Students are responsible for obtaining their own jobs by convincing supervisors that they possess the skills required to complete the work. Renewal depends upon continued financial need as well as a positive evaluation of the student's performance on the job.

Federal Perkins Loan Program

Federal Perkins is a loan program which offers a low interest (5%) loan awarded on the basis of financial need. The maximum a student may borrow per year is legislatively established. Priority is given to those with exceptional financial need.

Nursing Student Loan Program

Similar to Perkins, the Federal government provides funds to institutions to lend to undergraduate nursing students with high financial need who are enrolled at least half time in nursing programs.

Federal Direct Student Loans

The Federal Direct Student loan programs are legislatively established and the subsidized loan program is a need-based loan. Subsidized and unsubsidized loans are available to students enrolled at least half-time in a degree program.

Federal Direct Parent Loans for Undergraduate Students (PLUS)

A borrower must be the parent of a financially dependent undergraduate. Parents may apply for the cost of attendance at the College less any financial aid for which the student may be eligible.

Bureau of Indian Affairs Aid to Native Americans

The U.S. Department of the Interior administers the Higher Education Assistance Program and the Adult Vocational Training Program available to various tribes for post-secondary education and training. Application forms may be obtained from and submitted to the Bureau of Indian Affairs, Federal Building, Room 523, 100 South Clinton Street, Syracuse, NY 13260. An application is necessary for each year of study. Deadlines for the fall and spring semesters are July 1 and October 15, respectively. Applicants must demonstrate financial need and must file a FAFSA indicating Mount Saint Mary College as a recipient. Depending upon availability of funds, grants may also be made to graduate students and summer session students.

Reserve Officer Training Programs (ROTC)

The U.S. Reserve Officer Training Corps (ROTC) Programs include the Army ROTC Program, the Navy/Marine Corps (NROTC) Programs, and the Air Force (AFROTC) Programs. These programs are offered at host colleges throughout the nation, including many colleges located in New York State. Each of the three programs has separate application procedures, eligibility requirements, award schedules and service obligations. All the programs offer financial assistance to undergraduates, with some assistance for study beyond the baccalaureate degree. Additional information about the individual programs and a list of the colleges hosting them can be obtained from each service's recruiting station.

VETERANS RESOURCES

Detailed information on all veterans' benefits and assistance in applying for benefits can be obtained from offices of the Veterans Administration. <http://www.gibill.va.gov/>

New York has Veteran's Administration Regional Offices in Buffalo and New York City.

Post-9/11 Veterans Educational Assistance Act of 2008 – The Post-9/11 GI Bill is a program for individuals who served on active duty on or after 9/11/2001. Benefits are available for semesters beginning 8/1/09 or later. Mount Saint Mary College participates in the Yellow Ribbon Program. Please see <http://www.gibill.va.gov/> for more details. Or for details about applying, visit this website <http://vabenefits.vba.va.gov/vonapp/main.asp>

Veterans' Educational Assistance Act of 1984 (The Montgomery GI Bill, including Chapter 30 and Chapter 35 for Dependents) - This program serves individuals entering military service between July 1, 1985, and June 30, 1988, or those eligible for post-Korean GI Bill benefits. Generally, to be eligible for the Montgomery GI Bill – Active Duty, you must have entered active duty after June 30, 1985 and not declined participation.

Vocational Rehabilitation for Service-Disabled Veterans: For those veterans with a compensable service-connected disability that results in an employment handicap, programs of training and rehabilitation are available. Educational assistance may be authorized to cover the full cost of tuition, books, fees, supplies and equipment. Please see your Vocational Rehabilitation Counselor for additional information.

NYS Veterans Tuition Awards (VTA) are grant awards for either full-time or part-time study for eligible New York State veterans. For more information, please see www.hesc.com.

For more information on Veterans' Resources, contact the Office of the Registrar at 845-569-3316.

ACADEMIC INFORMATION

STUDENT RESPONSIBILITIES

Basic rights and responsibilities

As members of the College community, students shall have certain rights. These rights shall include the freedom to pursue educational goals, the freedom of expression and inquiry, the right to privacy and confidentiality of records, and the right to due process as established in the Student Judicial Code. Students also have certain responsibilities, as members of the College community, both on and off College property, including:

- The responsibility for respecting and complying with local, state, and federal law;
- The responsibility for respecting and complying with college rules and regulations;
- The responsibility for acting in a manner that promotes and atmosphere of learning, free expression, and respect for the rights, dignity, and worth of individuals.

Campus expression

Discussions and expressions of varied opinions and views are encouraged within the College, subject to requirements for the maintenance of order and provided college operations are not disrupted.

Student responsibilities and the College catalog

Students are expected to familiarize themselves with the academic policy and procedures of Mount Saint Mary College through the catalog. They are expected to know degree requirements. If students have questions about policies, procedures, or degree requirements, they are expected to seek assistance from an academic advisor or the appropriate College office.

New York State requires documentation of immunizations (see Health Services under Student Life). Students who fail to comply with these laws will be notified within 15 days of the first day of classes that they will be withdrawn from the College if they do not provide documentation by the deadline stated in the notification. Students who are withdrawn for not submitting this documentation will not be allowed to attend class for the remainder of the semester or session. Current course work will be assigned a Withdrawal (W) grade and the notation "Withdrawal/Immunizations" will be placed on the student transcript. Students will not be allowed to register for the next semester or session until these state requirements have been satisfied.

DEGREES OFFERED

Mount Saint Mary College offers courses leading to the degrees of bachelor of arts (BA) and bachelor of science (BS).

Students may choose from 18 majors: accounting; biology; business management and administration (and within this major three concentrations: finance, marketing, and sports management); chemistry; English; Hispanic studies; history; history/political science; human services; information technology (and within this major two specialties and one concentration: networking and web technologies; and educational technologies); interdisciplinary studies (and within this major four concentrations: liberal studies; general science; technology and digital media, and self-designed); mathematics; media studies (and within this major two concentrations: production and journalism); nursing; psychology; public relations; social science (and within this major four concentrations: history, history/ political science, psychology, and sociology); and sociology (and within this major, a concentration in criminology).

In conjunction with an academic major in a liberal arts and sciences content area, the Division of Education offers courses that will permit students to complete academic requirements for initial New York state certification in the following areas: Childhood Education (1-6); Childhood Education with middle school extension (7-9); Dual Childhood Education and Special Education (1-6) with emphasis on inclusion and pupils with mild disabilities (mild/moderate emotional disturbance, learning disabilities and mental retardation); Adolescent education (7-12) ; Adolescence Education with middle school extension (5-6); and Dual Adolescence Education and Special Education (7-12).

Students interested in obtaining an educational background for careers in environmental studies may select a major in social sciences with electives in the natural sciences; or a major in biology and chemistry with electives in the social sciences.

Time to degree

Mount Saint Mary College has established specific timeframes within which students are expected to complete program requirements toward their individual degrees. Students are expected to complete all graduation requirements for a degree within six years. Time to complete degree is automatically extended when students are approved for a leave of absence. All other students requesting an extension are required to submit their requests to the Academic Standards Committee.

REGISTERED DEGREE AND CERTIFICATE PROGRAMS

The following list of academic programs is consistent with the Inventory of Registered Degree and Certificate Programs maintained by the Education Department of the State of New York. Enrollment in other than the following registered programs may jeopardize a student's eligibility for certain student aid awards.

Programs of study leading to a bachelor of arts degree are available with the following registered programs (HEGIS Codes indicated):

Adolescence Education (7-12)

Biology	(0401.01)
Chemistry	(1905.01)
English	(1501.01)
Mathematics	(1701.01)
Social Studies	(2201.01)

Adolescence with Special Education (7-12)

Biology	(0401.01)
Chemistry	(1905.01)
English	(1501.01)
Mathematics	(1701.01)
Social Studies	(2201.01)

Adolescence Education (7-12) with Middle School Extension (5-6)

Biology	(0401.01)
Chemistry	(1905.01)
English	(1501.01)
Mathematics	(1701.01)
Social Studies	(2201.01)

Biology	(0401)
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Chemistry	(1905)
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Childhood Education (1-6)	(0802)
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Childhood Education with Special Education (1-6)	(0802)
Childhood Education (1-6) with Middle School Extension (7-9)	(0802)
Biology	(0802)
Chemistry	(0802)
English	(0802)
Mathematics	(0802)
Social Studies	(0802)
Communication Arts	
Public Relations	(0604)
Media Studies	(0605)
Journalism Concentration	
Production Concentration	
English	(1501)
Hispanic Studies	(1105)
History	(2205)
History/Political Science	(2299)
Human Services	(2101)
Information Technology	(0702)
Educational Technology Concentration	
Networking and Web Technologies Concentration	
Interdisciplinary Studies	(4901)
General Science concentration	
Liberal Studies concentration	
Self-designed concentration	
Technology and Digital Media concentration	
Mathematics	(1701)
Psychology	(2001)
Social Sciences	(2201)
Sociology	(2208)
Criminology concentration	

Programs of study leading to the bachelor of science degree are available with the following registered programs (HEGIS Codes indicated):

Accounting	(0502)
Business Management and Administration	(0506)
Finance concentration	
Marketing concentration	
Sports Management concentration	
Childhood Education (1-6)	(0802)
Childhood Education with special education (1-6)	(0802)
Childhood Education (1-6) with middle school extension (7-9)	(0802)
Biology	(0802)
Chemistry	(0802)

English	(0802)
Mathematics	(0802)
Social Studies	(0802)

Information Technology	(0701)
Educational Technology Concentration	
Networking and Web Technologies Concentration	
Nursing	(1203)

Programs of study leading to certification are available with the following registered programs (HEGIS Codes indicated):

General Accounting	(5002)
Business Management and Administration	(5004)
Public Relations	(5606)

REQUIREMENTS FOR THE BACCALAUREATE DEGREE

1. Minimum Number of Semester Hours

A minimum of 120 semester hours, i.e., the total of the course credits; as in "a minimum of 60 of the 120 semester hours shall be in the liberal arts and sciences."

2. Liberal Arts and Sciences

Among the 120 semester hours, a minimum of 90 credits shall be in the liberal arts and sciences for a bachelor of arts (BA) degree. For a bachelor of science (BS) degree, a minimum of 60 of the 120 semester hours shall be in the liberal arts and sciences. For the BS through the education curriculum, a minimum of 60-89 of the 120 semester hours shall be in the liberal arts and sciences. For the BS degree for the nursing curriculum, a minimum of 60 of the 120 semester hours shall be in the liberal arts and sciences.

3. Minimum Grade Point Average

A minimum Grade Point Average of 2.0 (C grade) is required for the four years of study. Students pursuing New York State teaching certification must achieve a minimum GPA of 2.75.

4. General Education Courses

Completion of 39 credits in General Education courses or liberal arts as shown below.

Division of Arts and Letters (12 credits)

ENG 1010 (3) and ENG 1020 (3) are required courses for all students. At least 6 additional credits must be taken in this division. These 12 credits must be distributed over at least two areas in the division: English/communication arts (considered one area); and fine arts (art, music, and theater) or foreign languages. All teacher education students must complete at least 3 credits of a language other than English and all childhood education students must also have at least one course in art, music or theater.

Placement into ENG 1010 College Writing is determined by the score on the writing section of the SAT/ACT. Students scoring less than 430 on the SAT or less than 18 on ACT will be placed in ENG 1000 (Fundamentals of Writing). ENG 1000 is a credit-bearing course but is not credit toward core.

All entering freshmen, with SAT scores lower than 500 in reading comprehension, also take an exam in reading comprehension and, depending upon the results, may be

placed in ENG 0140 (Advanced Critical Reading), a five-week, 1-credit equivalent, or ENG 0130 (Critical Reading), a 3-credit equivalent. These courses do not carry credit and are not applicable to the degree.

Division of Natural Sciences and Division of Mathematics and Information Technology (9 credits)

A minimum of one 3- or 4-credit laboratory science is required. Science majors are advised to take BIO 1130 (4) or CHM 1510 (4). Non-science majors may take either AST 1100 (3), BIO 1030 (4), BIO 1110 (3), BIO 1130 (4), CHM 1050 (4), CHM 1510 (4), ERS 1030 (3), ERS 1040 (3), PHY 1010 (4) PHY 2010 (4), MST 2010 (3), MST 2020 (3), SCI 1001 SCI 1001 (3), SCI 1030 (3).

A minimum of one 3- or 4-credit mathematics course is required. Depending on the student's mathematical proficiency and on the requirements of individual majors, the following courses are appropriate: science majors are advised to take MTH 1500 (3) or SCI 1030 (4); non-science majors may elect MTH 1015 or any higher-level course in mathematics. Various examinations are given to identify students' aptitude for quantitative literacy. If students do not receive a satisfactory score on the placement test to take college-level mathematics course, they will be required to take MTH 0110 and /or MTH 0150 . Both of these courses are 3-credit equivalent developmental courses and are not applicable to the degree.

The remaining 3-credit general education requirement may be taken in either the Division of Natural Science (astronomy, biology, chemistry, earth science, physics, MST or science (SCI)) or the Division of Mathematics and Information Technology (the only CIT courses that count for general education are CIT 3250 , CIT 1900 or CIT 2550). MST 1010 can also count as the 3rd core course in mathematics and science.

Division of Philosophy and Religious Studies (9 credits)

A minimum of 3 credits in philosophy is required. The remaining 6-credit general education course requirement may be taken as follows: 6 credits in philosophy or religious studies; or 3 credits in philosophy and 3 credits in religious studies.

Division of Social Sciences (9 credits)

A minimum of one 3-credit course is required in history; any 1000-level course fulfills this requirement. The remaining 6 credits may be taken in the following areas so that within the total social science credits two areas are fulfilled: anthropology, criminology (CRI 1110 only) economics, geography, history, political science, psychology and sociology.

General Education Curriculum Summary

Division of Arts and Letters

(12 required - 6 must be in English; at least 3 must be in another area)

- ENG 1010 - College Writing Credits: (3) (required)
- ENG 1020 - Forms of Literature Credits: (3) (required)
- ENG or CMA (0-3)
- ART, MUS, THR, FR, GER, SPA or ITA (3-6)

Division of Natural Science and Division of Mathematics and Information Technology

(9 credits - must include mathematics and a laboratory science)

- MTH (3-6)
- CIT 3250 - Object Oriented Programming Credits: (3)

- CIT 1900 - Internet Programming Credits: (3)
- CIT 2550 - Introduction to Programming Credits: (3)
- AST, BIO, CHM, ERS, PHY, MST, SCI (3-6)

Division of Social Sciences

(9 credits over two areas; 3 must be in history)

- HIS (3)
- ANT, CRI 1110 ECO, GEO, HIS, POS, PSY, SOC (6)

Division of Philosophy and Religion

(9 credits - 3 must be in philosophy; other credits can be in either area)

- PHL (3)
- PHL and/or REL (6)

5. Computer Literacy

Demonstration of minimum computer literacy is a requirement for all degree-seeking students. It is recommended that this is completed within the first two years of study for traditional students, and in the first year at the Mount for transfer students.

Computer literacy can be satisfied by:

- Successful completion of CIT 1052 (Computer Competency)
- Successful completion of CIT 1002 (Online Computer Competency)
- Successfully passing the College's Computer Literacy Test.*
- Successful completion of MST 1010 (Math/Science/Technology I)
- Successful completion of MTH 1015 (Investigating Contemporary Issues)
- Computer Information Technology majors satisfy their computer literacy with CIT 1100

* Note – the Computer Literacy Test may be taken only once. Students who do not pass this exam must satisfy the computer literacy requirement with one of the courses listed above.

Adolescence Teacher Education Candidates: Please Note: New York State, as of February 2011, requires that teacher candidates seeking adolescence certification in teaching students with disabilities, along with adolescence certification in a subject area, must be certified as Adolescence Generalists for Teaching Students with Disabilities in grades 7-12. To be eligible for this certification, all candidates must have completed six hours of study in college level courses in four areas: English, social science, mathematics, and science, in addition to completing all required pedagogical courses. Mount Saint Mary College students will likely complete most of these distributive requirements as part of the required CORE or general education requirements for the bachelor's degree. However, even if one has met the Mount Saint Mary College general education requirements, these required courses must be met to be eligible to receive New York State certification as an Adolescence Generalist for Teaching Students with Disabilities in grades 7-12.

6. Majors

- **Bachelor of Arts:** A major discipline of studies ("major") leading to a bachelor of arts degree shall consist of not fewer than 20 and not more than 40 credits in an approved major subject over and above courses in that subject taken to meet general education requirements. Students enrolled in interdisciplinary programs may not exceed 48 credits in the component disciplines taken together over and

above the general education requirements or 39 credits in any single component discipline. A minimum of 12 upper-level credits in the major subject (unless otherwise specified by a particular major) must be completed at Mount Saint Mary College. A student who exceeds, or plans to exceed, the 40-credit maximum must initiate a request for waiver (waiver form available in the Office of the Registrar) with an academic advisor. The advisor makes a recommendation and forwards the request to the division chair. The division chair makes a recommendation and forwards the request to the Academic Standards Committee for review and a decision. The committee can approve the overload without additional requirements; disapprove the overload; or require the student to take additional non-major courses equivalent to or less than the overload within the major. Graduation credits would be 120 plus major overload credits not waived.

- **Bachelor of Science:** A major leading to a bachelor of science degree shall consist of not fewer than 20 and not more than 50 credits in an approved major subject over and above courses in that subject taken to meet general education requirements. A minimum of 12 upper-level credits, in the major subject, as specified by the division, must be completed at Mount Saint Mary College.
- A major leading to a bachelor of science degree in education for the education curriculum shall consist of not fewer than 20 and not more than 40 credits in an approved major subject over and above courses in that subject taken to meet general education requirements. A minimum of 12 upper-level credits, in the major, as specified by the division, must be completed at Mount Saint Mary College. In addition, the student must have completed 60-89 liberal arts and science credits and have a minimum of 18 credits in approved education courses. For a major to be recorded on the transcript, a student must have a minimum 2.0 Grade Point Average, calculated from all required courses contributing to the major.

Students may change their academic major with the permission of the chairperson of the department into which they wish to transfer. In order to effect a change of major, students must secure the required signature(s) on a Change/Declare Major form, which then must be submitted to the Office of the Registrar. Students who change their majors understand that, by doing so, the length of time and/or number of total credits required to graduate with that major may increase. Forms are available in the Office of the Registrar and online at: <https://my.msmc.edu/web/Registrar/documents-and-forms>

7. Minors

A minor area of studies is not required for the baccalaureate degree. However, a student may elect a minor area of studies. A minor area of studies constitutes a group of courses amounting to at least 18 credits in a particular discipline. The following college policy applies to all minors:

- At least 9 credits to be used toward a minor must have been taken at Mount Saint Mary College.
- A student must have a 2.0 Grade Point Average in a discipline for it to be recorded as a minor.
- Courses already counted toward a major may not also constitute part of a minor.

Not all academic divisions offer a minor. Students should refer to the information found under each of the Mount's eight academic divisions to determine the areas that offer a minor and the guidelines established for the minor. It is advisable that the student consult with a member of the faculty in the area in which the individual wishes to minor when initially planning the program.

8. Electives

Completion of a sufficient number of free electives is required to bring the total course

work to 120 semester hours or to 128 semester hours for the medical technology program. In this category, the student should seek advice and guidance from members of the faculty, but the student is free to select course work provided that free electives shall not be used to increase the work in the major subject beyond the maximum limit set under the major and that not more than 20 elective credits be at the 1000 level. The maximum number of Physical Education credits that may be credited toward the 120 credits (minimum) for the degree shall be 3 credits.

9. Transfer Students

Students transferring to Mount Saint Mary College with an associate of arts (AA) degree or an associate of science (AS) degree in a major taught at the College are awarded full junior status and guaranteed 60 credits of transfer. For certain programs, students transferring under Community College articulation agreements will be allowed to graduate with up to 45 earned credits in their major, as detailed in the articulation agreements. Students with an associate of applied science (AAS) in business, who enter the business program, are awarded full junior status and guaranteed 60 credits of transfer. Credits equivalent to the junior college's requirements for the AA or AS degree (to a maximum of 66 credits) will be accepted only for grades of C or better. C-, D+ and D grades will not be accepted for any part of the maximum award. D grades may be used to bring the transfer credits to the guaranteed minimum level of 60 credits, or for the first part of sequential subjects in which a grade of C or better is achieved in the second part (e.g. BIO 1130 : D; BIO 1140 : C) from the same college.

Students who have completed an AAS in nursing and who are enrolled in the RN to BS in nursing program may apply for up to 30 credits in nursing upon completion of the required nursing bridge course; this policy extends only to students enrolled in the RN to BS in nursing program. The 60-credit guarantee does not apply to those individuals who complete their associate degree after matriculating at Mount Saint Mary College.

Students may transfer a maximum of 90 acceptable credits from a baccalaureate program and must complete the remaining 30- credit minimum at Mount Saint Mary College, including at least 12 upper level credits in their majors. Students with an AAS in nursing who are in the RN to BS in nursing program are awarded full junior status and guaranteed 60 credits of transfer. Transfer courses or Mount Saint Mary College courses, used by a returning student after a significant absence, may not be used toward the degree if the courses are not consistent with current requirements. The specific courses affected by this policy will be identified and evaluated by the respective divisions.

10. Internships, Independent Studies

Internships and/or independent studies can be used to satisfy major or elective requirements for the baccalaureate degree. Independent Study is a course designed by the student and a faculty member. Such study is intended to give the student the responsibility and freedom in investigating subjects of special interest, expand knowledge beyond the limits of a given course, or allow upper level research. It may take a variety of forms, such as readings, art projects, research projects, or work evolving from another course. Independent Study is not intended to complete other courses.

No more than 18 credits in internships and independent studies combined can be used toward the degree. Of these 18 credits, a maximum of 6 credits may be applied to independent studies. At least 12 of the 18 credits must be used within the major. Divisions have the right to further limit the number of enrollments in internships and independent studies. Credit will not be awarded for work completed before registration for an internship or independent study.

In addition, students must meet the following additional requirements for independent

studies: Have a minimum of 60 credits; have a minimum Grade Point Average of 2.75; develop and submit a proposed course outline to a faculty mentor; and meet the requirements of the division sponsoring the independent study.

11. Prerequisites

Students may not enroll in a course that is a prerequisite for a course already completed in general education, major or elective programs. There are three exceptions to this policy:

- Enrollment in lower level course by students with transfer credits, which do not follow the numbering sequence at Mount Saint Mary College, will be evaluated on an individual basis by the appropriate division chair;
- Students enrolled in the accelerated program may request waiver of a prerequisite requirement for a higher-level course due to scheduling difficulties. The prerequisite course will be scheduled when available;
- Students seeking an exception not covered may appeal to the Academic Standards Committee;
- Students may not register for a course if the prerequisite for that course has not been met or waived by the division chair. Students may request to transfer in prerequisite course work with the prior permission of an advisor and a division chairperson responsible for the course. In order for this course to be transferred in, the student must receive a grade of C or better from an issuing regionally accredited college. This grade will be calculated into the student's Mount Saint Mary College GPA. Once the student has completed the course, a signed permission slip and official transcript from the issuing college must be submitted to the Office of the Registrar. A student may then register for a required course.

12. Waivers

Waivers for Program Requirements

Waivers for courses required for degree programs are granted only under exceptional circumstances. The academic chairperson responsible for the course for which the waiver is requested is the only person authorized to grant a waiver. Students must obtain a Waiver Request Form from the Office of the Registrar and submit the request to their academic advisor with supporting documentation. If the academic advisor supports the student's request, it will be forwarded to the appropriate chairperson for review. If approved, the chairperson will provide written approval to the Office of the Registrar. The approved course waiver will appear on the student's transcript with a grade of "X" for the course and will not be calculated into the student's Grade Point Average. In addition the waiver does not provide credit(s) toward degree completion. New York State has requirements regarding the minimum number of total credits and minimum number of liberal arts credits required for graduation. Students are expected to complete all degree requirements along with the required number of credits for their degree program.

Waivers for Core Requirements (General Education requirements)

The Waiver Request Form is available in the Office of the Registrar; both the student's academic advisor and the chairperson of the academic division responsible for the course must support the request. Once the request has been approved by both faculty members, it is forwarded to the chair of the Academic Standards Committee for review. The committee's decision is then forwarded to both the student and the Office of the Registrar.

13. Course Substitutions

Students are expected to complete all requirements of their individual degree programs. New York State has requirements regarding the minimum number of total credits and

minimum number of liberal arts credits required for graduation. Students are expected to complete all degree requirements along with the required number of credits for their degree program. Only under exceptional circumstances may a course substitution be considered for certain degree requirements. Substitution requests must follow the specific approval process for the type of course substitution being requested. Only a course of equal or greater value may be considered for a substitution (i.e., only a 2000 level course or above may be used to substitute for another 2000 level course). If approved, the course substitution will appear on the academic transcript with a grade of "S" with no additional credits granted.

- **Core Requirements** (General Education requirements): The student must complete a Course Substitution Requirement form, available in the Office of the Registrar, and provide a written justification for the proposed substitution. The completed form is forwarded to both the student's academic advisor and to the chairperson of the academic division responsible for the course. Both faculty members must support the request. It is then forwarded to the chair of the Academic Standards Committee for review and a final decision by the committee. The results of the committee's action are forwarded to the student and to the Office of the Registrar for appropriate action.
- **Major Requirements:** The student must complete the Course Substitution Requirement form, available in the Office of the Registrar, and provide a written justification for the proposed substitution. The academic advisor must support the request. The chair of the academic division responsible for the course reviews the request and renders a final decision. The chair is the only person authorized to approve a Major Requirement course substitution. The decision will be forwarded to both the student and to the Office of the Registrar for appropriate action.

REQUIREMENTS FOR A SECOND BACCALAUREATE DEGREE

Dual Degrees: A student may earn two degrees (BA and BS) simultaneously. The following restrictions apply:

- At least 15 credits of the major in the first degree must not be contained in the program plan of the major in the second degree (this includes both major courses and required related courses). All other courses applied to the first degree may be applied to the second degree.
- The student must complete a minimum of 12 upper-level credits in the major subject (unless otherwise stated by a particular major) which are to be completed at Mount Saint Mary College.
- The student must complete the College requirements associated with each degree. The primary difference between degrees relates to the number of liberal arts credits required (90 for BA, 60 for a BS).
- Students must complete a minimum of 150 credits.
- Forms to add second degree for currently enrolled students may be found at Office of the Registrar and online at: [https://my.msmc.edu/web/Office of the Registrar/forms](https://my.msmc.edu/web/Office%20of%20the%20Registrar/forms)

Second Bachelor's Degree Candidates

Any applicant who has already completed a bachelor's degree must apply as a transfer student following the procedures outlined for transfer students. The Office of Admissions reviews and approves applications for a second degree. The criteria for admission as a second-degree candidate are as follows:

- The intended major of the second degree must require at least 15 credits that were not contained in the major of the first degree.

- Second degree candidates receive a maximum of 90 credits in transfer; the number of liberal arts and upper division credits will be based on the courses taken in the first degree. All students are required to have completed all general education core courses.
- The student must complete a minimum of 30 credits in residence during the second matriculation.
- The student must complete a minimum of 12 upper- level credits in the major subject (unless otherwise stated by a particular major) which are to be completed at Mount Saint Mary College.
- It is the responsibility of the student to set up an appointment with an advisor of the intended major to discuss all requirements.

COLLABORATIVE PROGRAMS

Mount Saint Mary College offers a number of programs in collaboration with other colleges/universities. The collaborating institutions have designed the programs to meet high quality and rigorous academic standards. The Mount's academic divisions consider only exceptional students for inclusion in collaborative programs: students who indicate a capability for graduate studies before completion of undergraduate studies.

Collaborative programs fall into two categories: articulation programs and affiliation programs. Articulation programs are agreements whereby the Mount student completes undergraduate studies in less than the traditional four-year period and begins graduate studies toward an advanced degree in what would otherwise be the fourth or senior year. Affiliation programs are agreements whereby a graduate institution will give preferential admissions consideration to Mount graduates who have met certain academic conditions.

Counseling or Mental Health Counseling (master's degree) (3/2 articulation)

Students complete a dual/joint five-year program leading to a bachelor's in psychology or human services from Mount Saint Mary College and a master of science in counseling or mental health counseling from Pace University. Students spend the first three years at the Mount taking courses to fulfill the requirements for a bachelor's degree and the psychology or human services major, while establishing eligibility for admission into the master's in counseling program at Pace. Students must reserve 12 credits of open electives in order to take four, 3-credit graduate courses during their fourth year. Psychology majors may also use six credits for the three electives at the 2000 level or above. The remaining 24 or 36 credits of the master's program are taken at Pace.

Physical Therapy (doctorate) (3/3 articulation)

Students who complete three years of course work at the Mount toward a bachelor of arts degree with a major in biology or psychology can be recommended to complete three years of course work at New York Medical College. At the end of the fourth year of study, students earn a bachelor of arts degree and at the end of the sixth year, they earn a doctor of physical therapy degree (DPT) from NYMC. For further information, contact the Mount's Division of Natural Sciences.

Physical Therapy (doctorate) (4/3 affiliation)

Students graduating from the Mount with a bachelor's degree in biology or psychology can be recommended for admission to New York Medical College. Recommended students meeting NYMC's admissions criteria are exempt from taking the Graduate Record Examination. For further information, contact the Mount's Division of Natural Sciences.

Podiatric Medicine (doctorate) (3/4 articulation)

Students who complete three years of prescribed course work at the Mount toward the bachelor of arts degree in biology can be recommended for early admission to the New York College of Podiatric Medicine. At the end of their fourth year of study, students earn a bachelor's degree from the Mount and, at the conclusion of the seventh year of study, the degree of doctorate in podiatric medicine (DPM). For further information, contact the Mount's Division of Natural Sciences.

Publishing (master's) (3/2 articulation)

Students take all course work during their first three years at the Mount. In their senior year, students take two to three undergraduate courses per term at the Mount and two graduate courses per term at Pace University. The fifth year of study is exclusively at Pace. Students who successfully complete the course of study earn a bachelor of arts degree in English from the Mount and a master's degree in publishing from Pace University in five years. For further information, contact the Mount's Division of Arts and Letters.

Social Work (master's) (3/2 Joint Degree)

Students who complete three years of prescribed course work at the Mount toward the bachelor of arts degree with a major in human services or psychology can be recommended for early admission to the Fordham University Graduate School of Social Services. At the end of their fourth year of study, students earn a bachelor's degree from the Mount and at the conclusion of the fifth year of study, students earn a master's degree in social work (MSW). For more information, contact the Mount's Division of Social Sciences.

ACADEMIC SUPPORT

Academic Advisement

Academic advisement is the ongoing process of assisting students to learn to use the resources of Mount Saint Mary College to meet their individual needs and aspirations. To facilitate this process each student who has declared a major is assigned by the division chair to a faculty member who acts as an academic advisor. Students in the teacher education program who have not declared a major will initially be advised by a member of the teacher education faculty and an advisor for undeclared majors. When such students declare a major, they will receive dual advisement from an assigned major advisor in addition to their education advisor. All other undeclared majors are assigned to an advisor by the Center for Student Success who will serve as academic advisor until such time as they declare a major.

New students admitted to the College under special consideration status are assigned a faculty advisor from their academic major by the division chair and receive additional support services from the Special Consideration program and its administrator.

Transfer students receive an official evaluation of transfer credit once they have been accepted to the College. Upon acceptance, transfer students with a declared major are assigned an academic advisor from their major by the division chair. The Center for Student Success (CSS) will assign an advisor to transfer students who are undeclared. With their academic advisor's assistance, these students integrate their previous college experience and transfer credits into their chosen Mount Saint Mary College degree program.

All students must declare a major area of studies upon completion of 45 academic credits to ensure the proper development of their program. If a student decides to change a major, a new academic advisor will be assigned.

Students entering the College via non-traditional programs are assigned an academic advisor from their major by the division chairperson and receive additional support services from the program staff. Preliminary advisement is also available to new students before fall enrollment but final schedules are contingent upon placement test scores.

Developmental Coursework

The College shall make a commitment to all full-time students to provide the opportunity to complete a degree program of the College within four years. The need for developmental courses, however, may extend the time required to complete a degree. Students must bear the costs associated with these courses. Thus, students may be eligible for the Supplemental Tuition Assistance Program (STAP) and the Tuition Assistance Program (TAP) and federal programs.

Students enrolled in developmental courses must take an exit exam at the end of the course to evaluate whether or not they have achieved the College's standard for minimal competency. A need for additional developmental work may be determined by the exit exam or the course instructor. Students who fail a developmental course twice will be reviewed for possible academic dismissal. Students enrolled in developmental courses are expected to observe the same College regulations regarding credit-bearing courses, specifically concerning attendance and academic honesty.

Tutoring

The Center for Student Success offers free tutorial assistance in major subject areas and skill areas (reading, writing, study and research methods).

ACADEMIC STANDARDS

The Academic Standards Committee will review all students' academic progress at the end of each full time semester (fall or spring). A student may be placed on probation by the Academic Standards Committee, and will no longer be in Good Academic Standing. Among the factors the committee shall consider when reviewing a student's progress are:

- Failure to fulfill entrance conditions;
- Failure to attain a semester GPA of 1.75 in any semester. The semester GPA is the weighted average of the student's academic standing for one semester as measured by the reported grades and weighted according to credit and letter grade values. Grade Point Equivalents will be used for developmental courses during the semester GPA point average calculations; these values will not be included in cumulative GPAs;
- Failure to attain satisfactory grades in courses required in the major program for which the student is enrolled;
- Failure to attain sufficient credits and grade point averages required for sophomore, junior or senior status. To advance in academic status, a student must meet the following requirements.

Grade Point Average and Status

Students with fewer than 30 credits need to maintain a cumulative GPA of at least 1.85. All other students need to maintain a cumulative GPA of at least 2.00. The following table will be used as a guideline in determining academic standing based on cumulative GPA.

Credits	Good Standing (GPA)	Monitored (GPA)	Probation (GPA)	Dismissal (GPA)
0-15	1.85 or greater	1.75-1.84	1.00-1.74	0.99 or less
16-30	1.85 or greater	1.75-1.84	1.50-1.74	1.49 or less
31-60	2.00 or greater	1.86-1.99	1.65-1.85	1.64 or less
61+	2.00 or greater	1.94-1.99	1.80-1.93	1.79 or less

Monitored Program

This program of studies must be approved by a division chair or advisor. It must be restricted to 12 credits (maximum of 13 credits for students enrolled in an approved laboratory course, a practicum or physical education) and may include developmental studies. Students on monitored status are permitted to participate in varsity athletics. If the student has fulfilled the requirements imposed by the Academic Standards Committee, the individual will return to good standing.

Academic Probation

Placement on probation is a serious warning to students that unless their academic record is improved they may be dismissed. The usual duration of academic probation is a traditional semester (12 credits). At the end of the semester, the Academic Standards Committee reviews the student's progress. If the student has fulfilled the requirements imposed by the Academic Standards Committee, the individual will be reinstated as a student in good standing. Following two semesters on probation students will be considered for Academic Dismissal. The student must be informed of the probation by a written communication from the Academic Standards Committee. Students on probation will be restricted to 12 credits (13 for students enrolled in an approved laboratory course, a practicum or physical education). Students on probation are not permitted to participate in varsity athletics. This policy conforms to current NCAA regulations relative to ineligibility of student-athletes on probation. If the student has fulfilled the requirements imposed by the Academic Standards Committee, the individual will return to good standing.

For transfer students bringing in 15 or more credits, their first semester will be evaluated using the criteria for students with 0-15 credits. After their first semester, transfer students will be evaluated using their total credits earned.

Academic Dismissal

The College reserves the right to dismiss a student who fails to make reasonable progress toward the completion of the degree and the program in which the individual is enrolled. The Academic Standards Committee may recommend dismissal. The student may submit a written appeal of a dismissal decision within two weeks to the associate dean for academic affairs, as chair of the College's Appeals Committee. The College also reserves the right to require the withdrawal of a student at any time if the individual's conduct does not conform to its spirit and standards. When considering dismissal, the committee will review the factors stated under a-d above, as well as whether a student has incurred probation twice. Students who fail a developmental course twice will be reviewed for possible academic dismissal. A student's academic standing or status will be determined by one's ability or failure to maintain the institution's academic standards as described above.

Academic Bankruptcy

Any former academically dismissed Mount Saint Mary College student who has not received a final academic dismissal and who wishes to return after a period of five years, must apply to the Academic Appeals Committee to be academically reinstated. If reinstated by that committee, the student is then eligible to declare Academic Bankruptcy. The student must make such declaration as soon as possible after his/her reinstatement and prior to registering for any courses at Mount Saint Mary College. The student's transcript is then reviewed and any grade below a "C" is marked with an "S." The course and the original grade remain on the student's transcript; however, the credits and grade(s) are removed from the student's academic history.

(Note: The following statement is placed on the student's transcript at the time bankruptcy is declared: "Academic Bankruptcy Declared for the above terms. Courses marked with an "S" signify bankruptcy.")

Academic Honesty

College Position

The mission of Mount Saint Mary College is concerned with "...the development of sound values, goals and commitments on the part of students. Equipping students to play responsible roles in society has been a consistent aim of our institution." Instances of academic dishonesty subvert the mission of the College and the experience students derive from it. These instances harm the offender as well as students who maintain academic honesty. The Mount community, therefore, commits itself to do all in its power to prevent such dishonesty and imposes impartial sanctions upon those who harm themselves, their fellow students and the College in this way.

Definitions

Generally, academic dishonesty may be defined in the following ways:

- Cheating - using or attempting to use, giving or attempting to give, unauthorized materials, information, assistance or study aids in any academic exercise or evaluation (tests), unless the nature of the academic exercise legitimizes cooperative learning;
- Plagiarism - copying or imitating the language, ideas or thoughts of another person and passing off the same as one's original work;
 - Falsification - forgery, alteration or misuse of academic documents, records or forms.

Prevention of Academic Dishonesty

Both students and faculty members should be alert to academic dishonesty and should work diligently to eliminate situations that foster academic dishonesty. Students have an obligation to make their abhorrence of it known to their peers. Faculty members have an obligation to create a classroom atmosphere that encourages careful proctoring of examinations and monitoring of papers. Other professional staff should encourage honesty in a manner dictated by the nature of their interactions with students.

Due Process

In any allegation of academic dishonesty, every effort will be made to ensure due process. Due process is defined as a course of formal proceedings carried out regularly and in accordance with established rules and principles. Thus, in the unfortunate event of an alleged breach of academic honesty, the student so charged will be insured due process as follows:

- Immediately if possible, but not later than two school days, after the alleged incident or the awareness of academic dishonesty, the instructor presents to the student the specific charge with supporting evidence. This charge, if given orally and/or in writing, should include the nature of alleged academic dishonesty (cheating, plagiarism, falsification); the date, time, description of the incident; the action that was taken by the instructor at the time of the incident.
- The instructor meets with student and permits the student to respond to the charge with facts and mitigating circumstances relating to the alleged incident of academic dishonesty. If, after hearing the student's response, the instructor concludes that the student is culpable of the allegation, the instructor has the authority to impose a sanction on the student. (See Section V, Sanctions, of this policy.) The nature of the sanction is communicated to the student, the vice president for academic affairs, and the chair of the division.
- Appeal of the instructor's decision: Within three school days after the student has been notified of the instructor's decision, the student may appeal in writing to the

chair of the division to which the faculty member belongs. The division chair will initiate the development of an Appeals Committee. The Appeals Committee will consist of three teaching faculty members who, in the opinion of the division chair, are competent to evaluate the appeal. The division chair will be one of the three members unless that person is the faculty member who charged the student with academic dishonesty.

- The Appeals Committee will designate one of its members to serve as chair of the committee. The Appeals Committee has the authority to hear the case, to rule on procedure for the hearing, to impose or alter sanctions on the student and to communicate the findings of the committee to the student and to the faculty member and the associate dean for academic affairs. The case must be decided by a majority vote within 48 hours of conclusion of the hearing by the Appeals Committee.
- A student who has been penalized for academic dishonesty and who believes that he/she has not been accorded the rights stated in this policy may seek an appeal of the Committee's decision from the vice president for academic affairs. If in the judgment of the vice president for academic affairs, an appeal hearing is warranted, the vice president will convene an administrative Appeals Board. This Board will consist of the vice president for academic affairs, the chair of the Faculty Senate, and the dean of student affairs. Such an appeal must be made in writing within 14 school days after the student has been notified of the Appeals Committee decision. Failure by the student to appeal the decision of the Appeals Committee on a timely basis shall constitute a waiver of the student's right to appeal. The appeal must be based on one or more of the following grounds: 1. The student was not accorded due process as described in this policy. 2. The student has new evidence that was not available or was unknown at the time of the Appeals Committee hearing. 3. The administrative Appeals Board will review and make the final disposition of the case. The decision of this Appeals Board will be final and binding.
- **Conduct of appeals hearing:** Both the student and the faculty member must be present at each appeals hearing, i.e., Appeals Committee and administrative Appeals Board. Both the student and the faculty member may have counsel at each appeals hearing. Persons providing counsel may advise students and faculty, and may be present during, but not participate in, the hearings. Both the student and the faculty member may present his/her case, and hear and question all witnesses during an appeals hearing.
- The student will receive a written report of the findings and the decision at each level of the appeal process. Copies of this written report will be given to the faculty member, the vice president for academic affairs, and the Office of the Registrar.
- **Sanctions:** In cases where culpability is established, the student is to be accorded the opportunity to enter mitigating circumstances through the student's own testimony and that of any witnesses the student produces. Such testimony may be made during the meeting with the faculty member and during an appeals hearing. In cases where culpability is established, the following sanctions will be imposed:
 1. For an initial transgression, and where culpability is established, the student will face sanctions up to and including failure for the course. In addition, a memo detailing the infraction must be forwarded by the instructor to the Office of the Registrar to be placed in the student's file.
 2. If the Office of the Registrar determines that this is the second infraction on the part of a student with fewer than thirty credits, the case will be referred to the vice president for academic affairs before any action is taken.

3. If the registrar determines that this is a second infraction on the part of a student with more than 30 credits, the penalty is immediate failure of the course. The Office of the Registrar will inform the student and the instructor of the failing grade in the course.
4. A third infraction will result in academic dismissal from the College.

ENROLLMENT STATUS

Matriculation

Students who are admitted to Mount Saint Mary College in a degree-seeking program will be considered matriculated and will be assessed a matriculation fee (payable during the second semester of the entering year) after completing a full-time semester at the Mount. The college requires that all candidates for matriculation must have:

- Completed all admissions requirements of the College;
- An appropriate Grade Point Average (see table under Academic Standards).

To advance in academic status, a student must complete the minimum credits and attain the specific grade index associated with the individual's particular status.

Students who break their matriculation for more than one calendar year from the date of departure and who present themselves to return to the College must comply with the general education and all requirements in place at the time of the approved leave of absence. Students seeking exceptions must petition the Academic Standards Committee. Students cannot mix the requirements of two catalogs.

Withdrawal from the Mount

There may be times when a student feels uncertain about continuing his/her academic experience at Mount Saint Mary College. Such feeling need to be considered carefully and may be discussed with the student's academic advisor and/or counselor. Often these feeling arise as a result of a situation in the student's academic or personal life that can be resolved.

If a student determines, however, that withdrawal from college, either temporarily or permanently, is the best course of action, the student must schedule an exit interview with the academic advisor and Director of Counseling. Students who withdraw from the College are also required to submit a signed student withdrawal form. This form is available at the Office of the Registrar, and, when completed, should be returned to the Office of the Registrar. The form needs to be signed by the advisor and members of the offices of Finance, Financial Aid, Residence Life, and Registrar, and the dean of student affairs. Students unable to complete the form are required to notify the Office of the Registrar in writing; failure to do so may result in academic and or/financial penalty.

The college refund policy concerning the refund of tuition and fees is listed in the section "Tuition and Fees" in this catalog. The withdrawal form is not official until it is completed and submitted to the Office of the Registrar. Note: when withdrawing after the last day to withdraw without academic penalty, students will receive "F" grades in all classes, and may be subject to academic probation.

Leave of Absence Policy

A leave of absence from the College may be granted to students for reasons other than academic difficulties for up to one full year after the end of the semester in progress. Students who do not intend to return in a subsequent semester must file for a Leave of Absence in order to remain classified as an "active" student. The leave requires approval by the academic advisors and the Office of the Registrar, and begins after the end of

the semester in progress. Students requesting a leave of absence need to complete the Leave of Absence/Withdrawal Form available in the Office of the Registrar. The student must indicate his/her intended date of return to the College on the form. If the student does not return to the College on or before the appropriate date, he/she will be considered as having withdrawn from the College.

A student returning from a Leave of Absence MUST meet all requirements in place at the time of the approved leave of absence as long as the student returns within two academic semesters. Students taking a Leave of Absence who have received loans should consult the Financial Aid Office for information about loan repayment obligations. Filing for a Leave of Absence does not preclude suspension or dismissal at the conclusion of a semester. Students who were placed on probation at the time they took a leave of absence will, upon their return, continue to be on probation, and will be required to meet the conditions set by the College while they are on probation.

Returning to the Mount

Students who break their matriculation for more than one calendar year from the date of departure and who would like to return to Mount Saint Mary College must submit an Application to Return to Mount Saint Mary College to the Office of the Registrar for a declared major. Students who were previously under an academic probationary status are subject to the conditions of that status upon return. Permission to return or request for admission into a specific major is not guaranteed and will be based upon the review. Upon approval from the Office of the Registrar, students may register for class. Any course work completed while away from the Mount will be reviewed for possible credit upon receipt of official transcripts. All students must complete the general education and major requirements in place at the time of re-entry. Student cannot mix requirements of two different catalogs. Students seeking any exception must petition the Academic Standards Committee.

GRADING

The quantitative measure of a student's scholastic standing is the Grade Point Average, i.e., the weighted average of the student's academic standing as measured by the reported grades and weighted according to credit and letter value.

The college uses the following grading system (quality points are indicated under the grade or to the right):

A	A-	B+	B	B-	C+	C	C-	D+	D
4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0
P—Passing			0.0						
F—Failure			0.0						
I—Incomplete (absent from final exam and/or incomplete required course work)									0.0
S—Exempted, course requirement has been substituted, no credit									0.0
W—Withdrawal during the period from the second week of class to the third week after the mid-semester date									0.0
AW—Administrative Withdrawal (for a student who fails to attend class before the end of the add/drop period.)									0.0

Any sophomore, junior or senior in good academic standing with a Grade Point Average of 2.2 may take advantage of the P/F grading system through the first two weeks of the semester. The Office of the Registrar will receive a form with notification of the student's choice of electives for P/F grading and at the end of the semester will change the letter grade received from the instructor to Pass (for A, B, C, or D) or Fail (F). The P course shall not be used in computing the Grade Point Average.

The Incomplete (I) grade is used only when a student has met the class attendance requirements of a course and must postpone the completion of certain papers, reports, or other assignments for reasons beyond the individual's control (individual or family health or emergency problems). The student must obtain the proper request form from the Office of the Registrar and submit a written request to the instructor for a grade of I. After reviewing the student's record, the instructor will determine the validity of the request in light of the reasons stated above and approve or deny the I grade. Approved I grade requests will be submitted with the Grade Report. The Office of the Registrar will monitor all requests for appropriate justification.

At the time the I grade is requested, the student and the faculty member will agree on a date by which the course work must be completed. Incomplete grades will generally be resolved by the fifth week of the following academic semester. All incomplete grades must be changed by the 10th week of classes for graduating seniors or the day before the final examinations for all other students. If the grade is not changed by the date on the request form, the I grade will be changed to an F grade.

If the student is not awarded an Incomplete and the student believes the required conditions have been met, a written appeal may be presented to the division chair responsible for the course, and the Office of the Registrar. The division chair will evaluate the case and inform the student, the instructor, and the Office of the Registrar of the decision. If the division chair is the instructor, the vice president for academic affairs will appoint a senior faculty member within the division to hear the student's appeal. The decision is final with no further appeal.

If a student voluntarily repeats a course, the better of the two grades will be used for the purpose of calculating the Grade Point Average and for meeting degree requirements. If the student withdraws from the course during the withdrawal period, the student will retain the first entered grade, which will be used in all calculations. The student's record will show that the course was repeated and the final grades for each time will be shown. Consult the Tuition Assistance Program in the Financial Aid section of this catalog for financial aid regulations regarding repeating a course.

A minimum semester Grade Point Average of 1.75 is required each semester.

Nursing students must attain at least a grade of C+ in required nursing and health courses. Education certification students must attain at least a Grade Point Average of 2.75 in required certification courses.

Candidates for a degree must attain a Grade Point Average of 1.85 by the end of the freshman year, and a 2.0 by the end of the sophomore year and each succeeding semester. A 2.0 Grade Point Average is required for the major.

Evaluation

In evaluating the learning experiences provided by a semester of study, instructors may choose a variety of procedures; among these may be written or oral examinations, projects, practicums or theses. The course requirements and methods of evaluation are stated in writing and distributed by the instructor at the beginning of the semester.

Grade appeal

A student who believes that the grade he/she has received in any subject is in error should initiate the procedure outlined below. If the student is dissatisfied with the response at any step, he/she should proceed to the next specified step within two weeks following the issuance of the unfavorable response.

Step 1: The student should discuss the case with the instructor before the third week of

the next regular semester following the one in which he/she received the grade.

Step 2: The student should submit a written appeal to the instructor giving a rationale for the grade change and providing supporting information.

Step 3: The student should submit the written appeal and supporting evidence to the chair of the division offering the course in question.

The hearing of the appeal will proceed as follows:

- The division chair will form an Appeals Committee. The Appeals Committee will consist of three teaching faculty members who, in the opinion of the division chair, are competent to evaluate the appeal and the subject matter of the course.
- The committee will designate one of its members to serve as the chair. The chair will monitor the hearings, rule on procedure, and communicate the findings of the committee to the student and college officials. The division chair will be one of the three members, unless that person is the instructor against whom the grievance has been brought. Both the student and the faculty member must be present at the presentation of the appeal to the committee.
- In a case where the faculty member against whom the grievance is made cannot be contacted due to change in employment, death, etc., the vice president for academic affairs will be empowered to take the place of the faculty member and will change the course grade if the Appeals Committee decides in favor of the student. Both the student and the faculty member may have counsel at the hearing. The case must be decided by a majority vote within the semester during which the appeal is initiated. The decisions of the Appeals Committee are final and binding. They will be communicated to the student in writing by the chair of the Appeals Committee with copies sent to the faculty member, the vice president for academic affairs, and the Office of the Registrar.

HONORS STANDING

Three grades of honors are awarded at commencement to those graduates who have maintained a superior level of achievement during the entire undergraduate program:

Summa Cum Laude, or highest honors, is awarded to those having a Grade Point Average of 3.80 and no grade below B for all course work;

Magna Cum Laude, or high honors, is awarded to those having a Grade Point Average of 3.60 and no grade below C;

Cum Laude, or with honor, is awarded to those having a Grade Point Average of 3.40 or above.

Scholars

In order to foster scholarly activity and to recognize academic achievement, the faculty, upon the recommendation of the Academic Standards Committee, may confer the title of Aquinas Scholar or Ralph Scholar. Aquinas or Ralph Scholars must have attained a high degree of proficiency in their studies and have demonstrated initiatives and/or activities that exemplify a sincere commitment to learning at Mount Saint Mary College. The candidates must be enrolled as full-time students; only 5% of each class may be nominated.

The title Aquinas Scholar is awarded to juniors or seniors who have completed at least 30 credits at Mount Saint Mary College. The students must have attained a minimum Grade Point Average of 3.60 and have received the recommendation and approval of the division in which their major is offered. Only up to 5% of the students per division

per class, or three students per division per class, whichever number is larger, may be nominated.

The title Ralph Scholar is awarded to sophomores who have completed at least 30 credits, 24 of them at Mount Saint Mary College, in the freshman year. Students must have attained a Grade Point Average of 3.40 and have received the recommendation of at least two faculty members. Ralph Scholars may be nominated by any individual faculty member on the basis of overall freshman performance, not as divisional majors. Only 5% of the class may be named.

Dean's List

The Dean's List is announced at the end of each semester. The Dean's List includes the names of students who have carried at least 12 graded credits in a semester. A minimum semester Grade Point Average of 3.50 in the graded courses is required.

Students with unresolved I grades will not be considered for academic awards. Only students with resolved I grades due to emergencies (illness or family) or due to the nature of the course will be retroactively considered for the Dean's List.

HONOR SOCIETIES

Alpha Chi is a national college honor scholarship society for full-time juniors and seniors of all disciplines. The purpose of the organization is to promote and recognize academic excellence and exemplary character. Among requirements for admission is that a student must rank in the highest 10% of the class. The New York State Kappa Chapter of Alpha Chi was established at Mount Saint Mary College in 1981.

Alpha Sigma Lambda is the honor society for adult students in continuing higher education. The Gamma Iota Chapter was established at Mount Saint Mary College in 1982. Alpha Sigma Lambda is dedicated to the advancement of scholarship and leadership, and recognizes the high scholastic achievement of the adult learner in light of the competing interests of home and work on the academic life of the non-traditional student. The Chapter's members are selected from the highest 20% of adult students who have met eligibility criteria, including a minimum GPA of 3.2.

Beta Beta Beta is the national biological honor society; it was established at Mount Saint Mary College in 1975. Active membership in the Lambda Theta chapter is open to biology majors who have completed the first semester of their sophomore year and attained a Grade Point Average of 3.0 or better in all courses in biology; active membership is considered to be evidence of superior scholastic and professional achievement. Associate membership is open to all students interested in the life sciences. The society strives to stimulate scholarship, promote biological research and disseminate scientific knowledge.

Delta Mu Delta is the national honor society for accounting and business administration majors. The Epsilon Iota Chapter was established at Mount Saint Mary College in 1989. Membership is accorded to junior and senior students with a Grade Point Average of 3.25. Delta Mu Delta strives to recognize eligible students who have distinguished themselves scholastically.

Gamma Sigma Epsilon is a national honor society in chemistry. The Kappa Epsilon chapter was established at Mount Saint Mary College in 1999. The purpose of the society is to recognize outstanding academic achievement in chemistry and to increase interest, scholarship and research in the discipline. Students who have completed a minimum of 16 credits in chemistry with a minimum Grade Point Average of 3.0, and a 3.00 GPA in chemistry courses, are eligible for membership.

Kappa Delta Pi is the International Honor Society in Education. The Sigma Tau Chapter was established at Mount Saint Mary College in 1992. Kappa Delta Pi promotes excellence in, and recognizes outstanding contributions to, education. The society endeavors to maintain a high degree of professional fellowship among its members, quicken professional growth and honor achievement in educational work. Active membership is open to upper-class and graduate students who have completed the appropriate number of credits with the required scholastic average. Membership is open to Mount alumni and faculty.

Kappa Mu Epsilon is the honor society in mathematics. The Pi Chapter was founded at Mount Saint Mary College in 2007 to promote interest in mathematics among undergraduate students. Chapters are located in colleges and universities of recognized standing that offer a strong mathematics major. The chapters' members are selected from students of mathematics and other closely related fields who have maintained standards of scholarship, have professional merit, and have attained academic distinction.

Lambda Pi Eta is the communication arts honor society of the National Communication Association. The Phi Pi Chapter was established at Mount Saint Mary College in 2007. Eligibility for membership is open to students in communications majors who have completed a minimum of 12 credits in the major while maintaining a GPA of 3.0 and GPA in the major of 3.25. Phi Pi recognizes scholarship in communication studies; promotes and encourages professional development; provides for opportunities to discuss ideas in the fields of communication; and provides opportunities to be of service to the community.

Phi Alpha Theta is the International Honor Society of History. It was established at Mount Saint Mary College in 1993. Phi Alpha Theta is a professional society whose purpose is to promote the study of history through the encouragement of research, good teaching, publication, and the exchange of learning and ideas among historians. All students who have completed the required number of history courses and are maintaining high standards in their college studies are eligible.

Psi Chi is the National Honor Society in Psychology, founded in 1929 for the purpose of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to graduate and undergraduate men and women who are making the study of psychology one of their major interests, and who meet the minimum qualifications. Psi Chi was established at Mount Saint Mary College in 1994.

Sigma Tau Delta is the International Honor Society for English studies. The Alpha Mu Upsilon Chapter of Sigma Tau Delta was established at Mount Saint Mary College in 2005 with the mission to confer distinction upon full-time students of English language and literature and to promote a community of scholars dedicated to learning and to service. Eligibility is limited to students who have earned a GPA of 3.0 and a 3.25 GPA as an English major or minor. Members of Sigma Tau Delta have the opportunity not only to be recognized for their outstanding achievements but also to be enriched in their education and helped in their careers.

Sigma Theta Tau is the International Honor Society of Nursing. The Mu Epsilon Chapter was chartered in 1989. The purpose of Mu Epsilon is to recognize superior achievement and leadership, to foster high professional standards, to encourage creative work, and to strengthen commitment to the ideals and purposes of the nursing profession. Eligibility in Mu Epsilon is determined by several criteria including grade point average, leadership qualities, scholarship and contributions to the nursing profession. Membership in Mu Epsilon is by invitation to upper-class nursing students, faculty and community leaders in nursing.

Tau Upsilon Alpha is the national Honor Society for Human Services.

HONORS PROGRAM

The Honors Program at Mount Saint Mary College offers high-achieving students the opportunity to work with their peers to enhance their educational experience. Admission into the program is by invitation from the Honors Program director. Freshmen qualify on the basis of exemplary high school records, a composite score on college proficiency exams and SATs (or ACTs) that indicate the student's ability to meet the rigors and challenges of honors-level course work.

Students seeking to participate in the program after the fall term of the freshman year, as well as transfers students, qualify for consideration based on the following criteria: they have attained a Grade Point Average of 3.4 after a minimum of 15 credits taken at the Mount and they are recommended by a faculty member.

Oversight

The Honors Program is overseen by the Faculty Honors Council and the associate dean for academic affairs. This council includes the associate dean for academic affairs and faculty from each division, as well as a student representative. This student representative is an elected member of the Student Honors Council, a student-led organization that is the voice of Honors students on campus.

Types of Honors Courses

There are three types of Honors courses through which a student can earn Honors credit. First, HON designated courses are designed specifically for the Honors program, and the entire class is assumed to be in the Honors program. These courses are usually Honors versions of courses that fulfill requirements in the General Education curriculum (e.g. Introduction to Psychology, World Religions, etc.).

Second, Honors-by-Contract courses are those made through individual contracts between a faculty member and an Honors student in courses for which there is not an Honors section. Each contract must be developed by the student and faculty member and submitted for approval to the associate dean for academic affairs before the Drop/Add date of the semester in which the course is taken.

Third, a student may register for an Honors Tutorial, which is associated with regularly-scheduled course, and which combines the advantages of dedicated Honors sections with the Honors-by-contract model. If offered during the term, students register a traditional version of the course and a separate zero-credit section of Honors Tutorial. In addition to meeting with the regular class, Honors students meet, as a group, with the instructor for at least an additional 10 hours over the course of the semester. In this type of course the Honors students benefit from the collective learning of a classroom in courses for which there are insufficient students to warrant a dedicated Honors section. (A minimum of five Honors students is required for this option.)

Academic Progress

The student is responsible for the selection of, enrollment in, and completion of a minimum of 18 Honors credits over four years. It is recommended that Honors students taking only the minimum number of credits to qualify for the completion of the program take 6-9 Honors credits in the freshman year and the remaining credits in subsequent years. Students must complete one interdisciplinary HON 3000-level theme-based course and one culminating 4000 level Honors research/project course to satisfy program requirements. The Office of the Registrar, in consultation with the associate dean for academic affairs, must approve Honors courses transferred from other institutions.

To maintain their status in the Honors Program, students will need to demonstrate that they are making "satisfactory progress" towards earning the 18 credits necessary

for graduation from the Honors Program. This progress will be demonstrated not only through maintenance of a 3.4 GPA, but also through completion of Honors courses according to the schedule below:

Credits Earned	Required Honors Credits Earned
30	6
60	9
90	12
120	18

Note that the credit expectations outlined above are the minimums required to maintain status as a student in the Honors program; earning more credits in the first, second, and third years can reduce the requirement in the senior year.

During the junior and senior years, Honors students are required to take (1) a theme-based interdisciplinary studies course and (2) the culminating independent study research course, which may be centered in their major field of study. In identifying the topic, focus and scope of this independent research, the student is guided by an academic advisor/mentor, who has been recommended and approved by the associate dean for academic affairs.

Grade Point Average Requirements

Along with satisfactory academic progress, there is a required GPA minimum of 3.40 to remain in the Honors Program. If a student's GPA falls below 3.40 at the end of a given semester, that student may be placed on Honors Probation, or may be dismissed from the Honors Program. The table below outlines the GPA requirements.

Credits	Good Standing	Probation	Dismissal
0-30	GPA ≥ 3.40	3.40 > GPA ≥ 3.00	GPA < 3.00
31-60	GPA ≥ 3.40	3.40 > GPA ≥ 3.10	GPA < 3.10
61+	GPA ≥ 3.40	3.40 > GPA ≥ 3.20	GPA < 3.20

A student on Honors Probation has up to two semesters to bring his or her GPA to a 3.40, with the Associate Dean's approval. A student who falls below the GPA mark for dismissal, as shown in the table, will be dismissed from the program. As a result, it is possible that a student could take 18 credits of Honors course work and still not complete the Honors Program, if that student's GPA is less than 3.40 by the time of graduation.

Re-admission to the program will be up to the discretion of the associate dean for academic affairs in consultation with the Faculty Honors Council. Appeals may be made within the semester of notification of dismissal or probationary status.

The Honors Program's academic agenda is complemented and reinforced by cultural and social activities. While designed for traditional undergraduate students, the program is open to non-traditional students. The Honors Program provides students with the opportunity to interact with faculty and other Honors students in courses and in social and cultural activities. Other benefits during the student's college career include early registration, Honors housing, and cultural trips as well as social activities planned throughout the year. Also, Honors program seniors, who have satisfactorily completed the program, are acknowledged at an Honors Program Recognition Event prior to graduation. Successful completion of the Honors Program is indicated on the student's official academic transcript.

CLASS ATTENDANCE

Attendance Policies

Course attendance requirements are determined by individual instructors. If a student misses classes, he or she must discuss these absences with the respective faculty members. The offices of Health Services, Student Affairs, and Athletics are not authorized to excuse students from classes. If a student knows in advance that he/she will be absent from a class, the instructor should be informed as soon as possible. The dean of student affairs will inform the instructors and the Office of the Registrar. Students who miss classes remain responsible for work assignments and material covered in their absence. Students who withdraw from the College must inform the Office of the Registrar before departure. Consecutive absences will be reported to the dean of student affairs by the instructor at mid-term and at term end.

Closings (Weather Line)

Should severe weather or other conditions make it necessary for the administration to suspend classes, such notification will usually be made over local radio stations at approximately 6 am. Students can consult the Weather Line (845-569-3500) or the College website, www.msmc.edu, for school closings or delays; students should not call the switchboard or college personnel. Any canceled classes are required to make up any missed class time.

Auditing Courses

On December 16, 1976, the Board of Trustees approved a resolution from the Faculty Senate that provides for senior citizens (anyone 60 years or over) to audit courses free of charge, subject to permission of the instructor, available space and in accordance with college policy on auditing. The present policy on auditing is as follows:

A regularly enrolled student may audit courses with the permission of the instructor or the chair of the division in which the course is offered, the Office of the Registrar and/or the student's advisor. The instructor establishes the conditions under which the student may audit. In no case will a student receive credit for auditing, but the course audited will be counted in determining student load.

Tuition (generally 50% of the course costs) is charged for an audited course with the exception of senior citizens as described above.

Off-Semester Scheduling

JANUARY INTERIM

January Interim enables students to give exclusive attention to one course of study over a two- to three-week period before the spring semester. In order to meet the needs of a wide variety of students, courses of both a traditional and non-traditional nature are offered by the College faculty.

If a student pursues a course or courses abroad in another accredited institution of higher education, that credit is treated as a permission credit. In such a situation, the student pays his/her fee to the accredited institution abroad and that college is required to pay the salary of the instructor. Mount Saint Mary College merely records the course, grade, and credit on the student's transcript and does not get involved in an exchange of finances. However, if the Mount offers a course abroad and hires an instructor to teach the course, the student pays the Mount a fee for the credits taken and the College pays the instructor for teaching the course.

Participation in January Interim is entirely voluntary. Students may participate in anticipation of early graduation, as an alternative to the normal five-course study

program in the spring and fall semesters or to take advantage of the many non-traditional course offerings that are common to the Interim.

A student may register for a maximum of one 3-credit seated class and one 3-credit online class during January Interim. Requests for exceptions to this policy will be forwarded to the Academic Standards Committee.

SUMMER SESSION

The college offers two five-week summer sessions. Students who register for Summer Session courses are generally advised not to carry more than two courses per session.

REGISTRAR INFORMATION

The Office of the Registrar

The Office of the Registrar is responsible for the following services:

- Maintaining the integrity of Mount Saint Mary College academic records by adhering to all college, state, and federal policies and procedures.
- Establishing registration procedures and editing all academic calendars and schedule of classes.
- Maintaining student authorization for release of education information via the FERPA Release form available in the registrar's office and on the student portal.
- Evaluating and recording of transfer credits on a student's academic record. The Student Information System will reflect the transfer courses accepted. Advisors have access to this system.
- Coordinating the evaluation of nontraditional credit programs.
- Processing independent study and internship forms, incomplete request forms, registration forms, add-drop forms, pass-fail registrations, FERPA verification, and all request forms to study outside of the Mount. All forms are available in the registrar's office and on the student portal.
- Maintaining academic progress reports for each student through the Student Information System. All mid-term and final grades are available via the Student Information System. Note: Transcripts will not be released if the Student Accounts Office or any other college office has initiated a "hold" on transcripts.
- Issuing official student transcripts at a student's written request. Cost is \$5 each. An unofficial copy of a student's transcript will be provided upon written request at no charge to currently enrolled students. Note: Official and unofficial transcripts will not be released if the Student Accounts Office or other college officials have initiated a "hold" on transcripts.

Add/Drop Policy

The add/drop period allows students the opportunity to alter their schedule without incurring a notation on their transcript or being charged tuition. For traditional courses, this period extends for the first week of the semester. For accelerated courses, this period ends after the first week of the class. See the Academic Calendar for specific add/drop dates.

Students may not attend classes for which they have not officially registered. Students who attend class without the proper authorization from the Office of the Registrar will not receive a grade or credit for the class. A student can add courses to their schedule via the campus web module, or by submitting an add slip to the Office of the Registrar by the specified deadline.

Not attending a class does not, by itself, constitute an official drop from that course. To

officially drop a course, students must use the campus web module or submit a drop slip to the Office of the Registrar by the specified deadline. Failure to take the appropriate action will result in a failing grade and a financial penalty.

After the end of the add/drop period, students still have the opportunity to withdraw from a class without incurring an academic penalty. See the withdrawal policy for further details.

Withdrawal from a Course

Students must submit a withdrawal slip to the Office of the Registrar to be dropped from a class and reduce the financial obligation. The date of withdrawal submission to the Office of the Registrar will determine any reimbursement. When a student withdraws during the period of the second week of class and three weeks after the mid-semester date, the symbol W will be entered on the individual's transcript. No credits or quality points will be given for the course work. When a student withdraws after the above period, the grade F will be entered on the individual's record.

Permission for Credits

The usual course load is 15 credits or five academic credit courses in a traditional semester. Full-time students with a minimum Grade Point Average of 3.0 may be permitted to register for more than five academic credit courses. (See course load limitations below.) These limits may not be exceeded without the approval of the Academic Standards Committee. Students should anticipate graduation, major and course requirements and submit appropriate requests in a timely manner. Freshmen in their first semester at Mount Saint Mary College are limited to five credit bearing courses.

Requests for course overloads must be submitted to the chair of the Academic Standards Committee before the start of the semester. All requests must be submitted and approved by the end of the add/drop period.

Course Load Limits

Student Status	Regular	Maximum Credits Per Fall/Spring Semester With Lab, Practicum, Physical Education
Probation, Monitored or Special Consideration	12 credits	13 credits
Students in Good Standing* With 15 MSMC credits	15 credits	17 credits
3.000-3.499 GPA	18 credits	20 credits
3.500-4.000 GPA	21 credits	23 credits
Seniors with 2.750-2.999 GPA for their final semester (or for any senior also completing student teaching)	18 credits	18 credits

**Students enrolled in the Adult Degree Completion program may take 18 credits per semester with a maximum of 20 credits with lab, practicum, or internship, providing they are in good academic standing.*

Students, while matriculated at the Mount, may transfer credits and grades (of C or better; this does not include C- grades) toward degree requirements for course work taken at other institutions, provided prior permission for such courses has been granted by chair of the division offering the courses. In the case of juniors and seniors, course work should be taken at an institution granting the baccalaureate degree.

Students, while matriculated at the Mount, may transfer credits and grades (of C or better; this does not include C- grades) properly evaluated by New York State College Proficiency Examinations or the College Level Examination Program (CLEP). Mount Saint Mary College participates in the Visiting Student Program of the Association of Colleges and Universities in the State of New York.

Reports and Transcripts

Students' grades are available mid-term (traditional students) and at the end of the semester via the campus web module. Students may request a copy of their academic transcript by filling out a Transcript Request Form, or by submitting a written request to the Office of the Registrar. Fees: Official Transcript: \$5; Student Copy: \$3 (no charge for currently enrolled students); five copies to same address: \$20; 10 copies to same address: \$30. You can also access the link to the National Student Clearinghouse at <http://www.getmytranscript.com>

Family Educational Rights and Privacy Act

Among the Education Amendments Act of 1974 was one amendment sponsored by Senator James Buckley of New York entitled the Family Educational Rights and Privacy Act (FERPA), which became effective in November 1974.

In summary, the Buckley Amendment governs access to, and release of, records maintained by certain educational institutions and agencies. Educational records may not be released to third parties (with some exceptions) without the student's prior, written permission. Eligible Mount Saint Mary College students who have been in attendance have access to their educational records.

Educational records are defined broadly to include records, files, documents and other materials that contain information directly related to a student and are maintained by this college or by a person acting for this college.

The following educational records are maintained by the Office of the Registrar as indicated. (Those marked with an asterisk are retained for only five years after the date of last attendance; all others are a permanent part of the academic record):

- Academic Probation and Dismissal Letters
- Acceptance Letters
- Admissions Application
- Advanced Placement Reports
- Appeal and Re-admission Letters
- College-level Exams Reports
- Computer Data Form
- Grade Changes
- High School Transcript
- Incomplete Grade Requests
- Independent Study Requests
- Internship Requests
- Pass/Fail Requests for Grades
- Permission Forms for Study Outside Mount Saint Mary College
- Proficiency Examination Results
- Secondary School Reports
- Student Transcript
- Student Directories

- Transfer Evaluations and Supporting Transcripts
- Veterans' Administration Forms
- Withdrawal Forms

The Office of Student Affairs maintains medical records and disciplinary records.

The Office of Counseling and the Career Center maintain student and alumni placement files.

Upon request, a student may obtain an unofficial transcript of courses. No official transcript is issued to proper authority without the expressed, written consent of the student. A student's academic advisor may request an evaluation of transfer credits for advisory purposes.

Reports of proficiency examinations, advanced placement tests, and college level examinations are also evaluated by the division chair.

Access to Records

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

- The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the Office of the Registrar, associate dean for academic affairs, or chair of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
- The right to request the amendment of the student's education records that the student believes is inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his/her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
- The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.
- The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Ave., SW, Washington, D.C. 20202-4605.

- The right of access shall include:

1. List of records kept by the College that are directly related to the student;
2. Right of inspection and review;
3. Right to obtain copies but at the individual's own expense (cost of reproduction: \$3 for unofficial transcript, \$5 per official transcript, 10 cents per page for other educational records);
4. Right to reasonable explanation of records;
5. Right to hearing to challenge the content of records.

Eligible students do not have a right of access in the following cases:

- Financial records of parents;
- Confidential materials or recommendations submitted before January 1, 1975;
- Where there has been a waiver concerning confidential recommendations - admissions, employment, and honor awards.

Challenges to the Contents of Records

Eligible students shall have the right to a hearing to ensure that records are not inaccurate, misleading, or otherwise violate privacy.

The opportunity to correct or delete information where appropriate shall be provided. In addition, an opportunity to submit a written explanation when deemed necessary by the challenger is provided.

Student/Alumni Directory Information

Student Directory Information is standard information that the College may release for public consumption without prior authorization. It includes: student's name, address, telephone listing, college email address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, photographs, dates of attendance, degrees and awards received and the most recent previous educational agency or institution attended by the student.

Mount students may request that directory information not be released without their written consent by contacting the Office of the Registrar.

Mount graduates may likewise request a ban of release of directory information in the Alumni Directory before publication by sending a written request to the Office of Alumni Affairs.

STUDY ABROAD PROGRAM

Mount Saint Mary College affords students the opportunity to pursue academic year, semester, summer or January Interim programs abroad. The study abroad initiative is in accord with the Mount's response to the growing need for students to gain in cultural competency and to study within a global classroom. We strive to create a truly international experience for our Hudson Valley students. The college supports study abroad as a means of enhancing students' total academic experiences. For semester or year-long study students must be sophomores standing or above, with a minimum GPA of 2.5. January interim and summer programs are open to all students who have successfully completed 12 undergraduate credits with an overall GPA of a 2.5 or a 3.0 in their major.

Academic Year/Semester Study Abroad

In order to give students diversity and options in study abroad programs; course offerings and countries in which to study, the Mount collaborates and articulates with

other universities and colleges offering semester and academic-year programs abroad. As a member of the Lower Hudson Valley Catholic Colleges Consortium, the College encourages study abroad experiences provided by other member institutions in the consortium, such as Iona, Molloy, and Dominican College. The Mount also maintains formal affiliation agreements with third party providers of study abroad opportunities, such as Globalinks, CAPA (Center for Academic Programs Abroad), ISA (International Studies Abroad) and CEA (Cultural Experiences Abroad). All federal monies are portable for Mount students studying abroad for a fall and/or spring term. We also offer students the opportunity to intern abroad in fourteen different countries during the summer months through our partnership with CIS Learning Abroad.

Mount students have recently studied abroad in Rome, Italy; Sydney, Australia; Port Elizabeth, South Africa; Lima, Peru and Prague, Czech Republic. Mount students have also participated in the Semester at Sea Program sponsored by The University of Virginia and have volunteered all over the world.

Note: The student must achieve the equivalent of a C- grade or better in a course taken abroad from either a foreign institution or from another American college or university sponsoring the study abroad for the course credit to transfer to the Mount.

The Mount's Short-Term Study Abroad Programs

The Mount sponsors its own short-term summer and interim study abroad programs. While these Mount-based programs are primarily directed toward its own student body, students from other colleges and universities can participate. In the event of unprecedented demand for a limited number of program participant vacancies, preference is given first to Mount students with a minimum 2.5 Grade Point Average; secondly, to students from member institutions in the Lower Hudson Valley Catholic Colleges Consortium; and, thirdly, to students from other colleges and universities.

Mount students must have a minimum 2.5 overall GPA or a 3.0 within their major field to participate in Mount study abroad programs. All students must be recommended by two full-time Mount faculty members or by an administrator to be accepted into the program. A satisfactory interview with the director of international programs may also be required.

Regular short-term programs include the following (please note that programs may change annually; plan ahead for your study abroad experience):

THE MOUNT IN OXFORD ENGLAND

Concurrent with Summer Session I, this program offers students the opportunity to take six credits with Mount Saint Mary College professors. The program is approximately one month long and occurs during Oxford University's Trinity term when Oxford students are on campus and clubs and extra-curricular events are in progress. While in Oxford, students are housed in dormitories at St. Clare's College

THE MOUNT IN SPAIN

Also concurrent with Summer Session I, this program affords students who wish to immerse themselves in the culture and language of Spain an opportunity to learn in one of the most beautiful countries in Europe. Students take two 3-credit courses and engage in field experiences, both in the local community and within the country of Spain.

THE MOUNT IN FLORENCE, ITALY

Also concurrent with Summer Session 1, this program allows students to study within the heart of Italy, walking distance from the art and architecture that has defined

European culture. Students take two, 3 credit courses taught by Mount Saint Mary College professors in areas such as Italian Art History, Psychology, Architecture and the Sciences. Excursions to Rome are included and students live in either standard Italian apartments or residence halls. All classes take place at the CAPA center within the shadow of The Duomo.

THE MOUNT IN NEW ZEALAND

This course is designed to introduce students to the cultural and biological diversity of New Zealand. This multi-week trip will include visits to reintroduction/colony sites of many endangered species, the major cities of New Zealand, and strongholds of the first settlers of New Zealand. Trip participants will interact with students at Balmville Elementary School to explore the differences in biological diversity and conservation, and environmental practices between the United States and New Zealand.

THE MOUNT IN DUBLIN, IRELAND

Students choose two courses that best fit their academic needs for 6 credits. As a complement to classrooms studies, students participate in visits to local companies and places of interest related to the program. All classes and lectures are held at Griffith College in the center of Dublin, making for a truly immersive Irish experience in a global city.

THE MOUNT IN FRANCE

The summer program in France is focused on French culture and experience. Students can study intensively while using the unique context of France, its business, museums, monuments, and communities to bring to life the materials learned in class. Students will choose two courses that best fit their academic needs for a total of 6 credits. As a complement to classrooms studies, students will also have the opportunity to participate in visits to local companies and places of interest related to the program.

Mount faculty members accompany students on these study abroad excursions and usually instruct two of the three courses offered.

In summary, Mount students have a wide range of study abroad options. With the permission of the Mount's academic divisions, the Study Abroad coordinator can make arrangements with other institutions to facilitate and expand venues for Mount student participation in study abroad. Advisors in the student's major participate in the course approval process to assure that courses taken abroad complement and are integrated into a student's total academic program at the Mount, and that credits awarded count towards the completion of the 120 credits required for graduation.

CAREER CENTER

The Career Center offers students and alumni information and services to assist them in their career preparation.

Career Development provides individual counseling regarding career planning, interest assessment, resume/cover letter critiques, graduate school guidance, and job search assistance. Workshops and seminars are also conducted on various topics that include career decision making, applying to graduate school, resume and cover letter writing, interviewing skills, and job search strategies. In a comprehensive survey concerning the status of a recent graduating class, results indicated that 90% were employed six months after graduation, with 71% employed in positions related to their field, and 36% were pursuing graduate, professional or other study beyond the bachelor's degree.

Co-ops and internships are optional educational experiences that promote academic, personal, and professional development. Psychology, physical therapy/psychology

and human services majors are required to participate in this program to obtain their prescribed internship. This enrichment opportunity adds a professional dimension to the traditional college curriculum by enabling students to combine practical work experiences with academic majors and career goals.

Many businesses, schools, healthcare facilities, social service agencies, scientific laboratories, information systems companies, public relations and media companies employ students in career-related work experiences that reinforce knowledge learned in the classroom and prepare students with life skills and career choices.

Students may work in paid co-op positions or in internships related to their majors. During the internship experience, students earn academic credit that satisfies degree requirements. Occasionally, students may earn academic credit for the learning that occurs during a paid co-op experience. Faculty must approve the co-op or internship job description as worthy of academic credit before a student may register for credit. Credit will not be awarded for work completed before registration for an internship.

Participation in co-ops and/or internships affords students in all academic disciplines the opportunity to:

- gain practical career-related experience before graduation;
- enhance job search skills including resume writing and interview strategies;
- develop professional work habits, interpersonal skills and confidence;
- apply skills learned in the classroom;
- explore potential career interests;
- develop employer and networking contacts;
- earn college credit for internships and selected co-op experiences;
- defray educational costs.

Students acquire practical experience in their major field by working part time (15-20 hours per week) or full time during a semester, or part time or full time during the summer.

Matriculated students in any major who have sophomore status, are registered for at least six credits per semester and have a minimum grade point average of 2.5 (2.0 for psychology, physical therapy/psychology, and human services majors) are eligible to participate in co-ops and internships. Students must be in good academic and social standing. Those on academic probation, monitored program and those who are under any imposed sanctions as described in the Student Judicial Code, including residence hall probation and disciplinary probation, are not eligible to participate.

Students interested in co-op and internship opportunities must work together with the staff coordinators to complete the application process and/or update their portfolios during the semester preceding the work experience. With assistance from their academic advisors, students who carefully plan their course schedules can accommodate both class and work schedules.

Staff coordinators develop and maintain contacts and referrals and facilitate the introduction of students to cooperating employers. The final responsibility for interviewing, evaluating, selecting, and hiring students, however, rests with the employer. The student, under the direction and supervision of the employer during each work period, then becomes the employee of the cooperating employer. Therefore, Mount Saint Mary College will not guarantee that students will be selected by employers/organizations for positions or assume liability for any action or omission by a student or employer during a co-op or internship experience.

Service Learning at Mount Saint Mary College is either an academic component (curricular) of a credit-bearing course or an educational enrichment of student activities (co-curricular) on campus. Service Learning enables students to learn and develop through thoughtfully organized community service that fosters civic responsibility while enhancing the academic curriculum through real world experience, application of theory, and integration through critical reflective thinking.

Opportunities to participate in Service Learning are available in selected courses throughout the disciplines and/or through student activities.

OFFICE OF GRADUATE AND ADULT DEGREE COMPLETION PROGRAMS

The Office of Graduate and Adult Degree Completion Programs welcomes and assists all just starting or resuming academic studies in our evening or weekend format, or traditional day format, to acquire new work-related competencies or pursue interests that enrich their lives. The Mount offers eight bachelor's degree programs through Adult Degree Completion, and three master's degree programs in business, education, and nursing through our graduate programs. More information can be obtained by visiting the Mount's website at www.msmc.edu, or by visiting the campus and speaking to one of the office's representatives.

Students matriculated in the College's accelerated or traditional undergraduate and graduate programs may use the Mount's Career Center and other campus services.

Contact the Office of Admissions for Graduate and Adult Degree Completion Programs at 845-569-3223, or send an email to adultstudentadmissions@msmc.edu for more information or to speak with an advisor. Candidates for the master's degree may program may send an inquiry to graduateadmissions@msmc.edu

Adult Degree Completion Programs

Adult Degree Completion programs provide busy adult students the chance to earn a bachelor's degree in two and a half years. For pre-licensure nursing majors, the program takes three and a half years. Students may pursue a degree at a chosen pace, and may elect to "stop out" for a period as family or work demands dictate.

The ADC program offers in-classroom, hybrid, and fully online courses to provide greater flexibility for the non-traditional student. It offers several programs of study: accounting, business, history, human services, interdisciplinary degree toward education, nursing, RN to BS in nursing, and psychology. By participating fully in this flexible program, a student may earn up to 48 credits per year.

The academic year is divided into shorter sessions, with courses offered Monday/Wednesday, Tuesday/Thursday evenings, or Saturdays. Hybrid courses and online learning are being incorporated into academic offerings to maximize student convenience and flexibility. The combination of hybrid courses and online learning with the Mount's personalized advisement and adaptable scheduling allows more adults to obtain a bachelor's degree in the shortest time period. Through individualized counseling, students are encouraged to establish a realistic educational plan that suits their long-term goals while fulfilling their family and job responsibilities.

Traditional Students in Adult Degree Completion courses

Students enrolled in the traditional program who have earned fewer than 60 credits are not allowed to enroll in 6-week accelerated courses that overlap with the traditional fall or spring semesters. Traditional students with 60 or more earned credits and a GPA of 2.75 may enroll in one 6-week accelerated course during the traditional fall or spring semester after they have completed one semester of full-time (12 credits) coursework

in the traditional day program, with the permission of their advisor and the chair of the division offering the course. Students may seek exceptions to these policies from the vice president for academic affairs, with the approval of their advisor and the chair of the division offering the accelerated course.

Adult Students in the Traditional Undergraduate Program

Adult students may choose the traditional undergraduate program that offers a wider choice of majors and courses, and the opportunity to pursue New York State Teacher Certification as part of their undergraduate degree.

Desmond Campus for Adult Enrichment

The Desmond Campus for Adult Enrichment in Balmville (two miles north of the main campus) provides noncredit courses and educational programs for adults of all ages to expand their skills, knowledge, and understanding, from art to computer skills to yoga. LIFE (Learning Is Forever Enriching) is an educational and social program for adult learners, aged 55 and older. Courses are taught during daytime hours by volunteer instructors. Full-length courses, short courses, and day trips are offered through the program. There are three sessions per year: March-June; July-October; and November-February, with separate catalogs for each. A minimal membership fee applies for each session.

Since 1997, the Desmond staff have organized the Mount's participation in the Road Scholars program, which is held every year during the summer. Each one-week session includes classroom instruction and related field trips. The program is offered to those 55 years old and over on a resident or commuter basis. For more information about any of these programs, call the Desmond Campus for Adult Enrichment at 845-565-2076, or send an email to desmondcampus@msmc.edu.

Life Experience Credit

Life Experience Credit is valid academic credit granted to individual students for college-level learning they have acquired from various life experiences outside the college classroom. The academic credit awarded is for the learning and not for the experience itself. Any adult growth or learning experience that is acquired over two or more years and does not lend itself to validation through proficiency exams may qualify for credit. Validation of the learning includes the guided preparation of a portfolio. In the portfolio, the learning must be presented in an organized manner establishing that the student had the experience, learned from it and that it has some academic bearing on educational goals.

For life experience, the Mount may grant a maximum number of 30 credits, equivalent to one year of full-time college study. Students may apply life experience credits toward a major field of study or elective courses, but not toward general education, nursing or education requirements. More information, applications, and sample portfolios are available in the Office of Graduate Programs and Adult Degree Completion. Additionally, a student may only make a single portfolio submission of all life experience learning credit that is being sought and this must be submitted before the student's final semester at the College.

Life experience plus credit by examination may not exceed 45 credits.

Credit by Examination

The New York State College Proficiency Examination Program (NYSCPEP), the College Level Examination Program (CLEP), Defense Activity for Non-Traditional Education Support (DANTES), other national proficiency examination programs and select teacher-made exams are designed to enable undergraduates to earn college credits. Life experience plus credit by examination may not exceed 45 credits.



Mount Saint Mary College requires that:

- The CLEP General Examinations and subject examinations selected must be consistent with the College's general curriculum. The DANTES subject examinations complement the CLEP examinations and are accepted for credit in a similar manner. The college is an authorized DANTES test center. Students should see their advisors or the Office of the Registrar for additional information. Students are responsible for any costs associated with these examinations.
- Applicant's credits will be evaluated as transfer credits from other institutions.
- No more than 45 credits may be awarded for credit by examination, only nine of which may be in a student's major area, excepting registered nurses seeking advanced placement and military LPNs enrolled through the AMEDD program. Registered nurses matriculating in the nursing program may earn up to 24 credits in nursing by examination.
- Examinations equivalent to lower level division work at Mount Saint Mary College will be counted with the transfer credits of two-year institutions. Generally, a maximum of 60 credits is allowed; however, students completing an associate of arts or associate of science degree will be allowed to transfer the number of credits (maximum of 66 credits for courses with C or better grades) required to attain that degree at the two-year institution. If the examinations are equivalent to upper level division work, the credits will be counted in the 90-credit authorization of four-year institutions.

Credits granted by examination will be indicated on the student's transcript and will not be granted in a subject area below the level of work for which course credit has been previously awarded. When a student is awarded credit by examination after matriculation at Mount Saint Mary College, the grade received will be indicated on the student's transcript and will be included in the cumulative index.

Mount Saint Mary College Challenge Examinations provide a way for students to meet certain requirements of the College:

- A Challenge Examination may be taken for waiver of a course without getting credit for a course (for example, to satisfy a prerequisite). The examination may be taken to receive full credit for the course. The fees associated with these examinations may be found under Tuition and Fees in this catalog.
- Teacher-designed Challenge Examinations may be given for any course that contributes to the major at the discretion of the division for that major. Divisions are not required to provide Challenge Examinations but may do so for all, some or none of their courses, as appropriate to their requirements and Academic Standards.
- Teacher-designed Challenge Examinations for general education courses are approved only for those courses for which there does not already exist a nationally recognized assessment examination such as CLEP and DANTES.
- Teacher-designed tests are not subject to limitations on transfer credits (for example, a student who has already transferred 60 credits may still gain credit by a Challenge Examination). No more than 6 credits can be granted by Mount Saint Mary College Credit Examinations. These credits do not count toward the 30-credit residency requirement for a degree from the College. There is no limit on the number of courses a student may waive via Challenge Examinations.
- Challenge examinations can be taken just one time for any given course.
- A grade corresponding to a C is the minimum requirement to pass a Challenge Examination. However, only the Pass grade will be awarded.
- Students should be aware that other institutions may not accept credits earned by Challenge Examinations for transfer.

OFFICE OF ONLINE LEARNING

Mount Saint Mary College promotes the application of online learning technologies in hundreds of courses offered to undergraduate and graduate students every year, from enhancing traditional classroom instruction to enabling the delivery of teaching online in lieu of on-campus class meetings.

The College views online learning as an extremely valuable format to supplement classroom learning and to strengthen learner engagement and collaboration in all Mount academic programs. For graduate and adult undergraduate programs, online learning also provides the opportunity to increase access for student populations that otherwise would not be able to participate in and benefit from the College's higher education programs due to constraints of family, work, distance, and so forth.

A variety of technologies are being used for online learning, including our advanced learning management system and synchronous learning delivery platform that facilitate and encourage collaborative learning and interactions among the faculty and students in their respective courses. Faculty members are also eager to explore and integrate emerging technology applications into their courses, such as blogs, Wikis, and other Web 2.0 tools.

Mount Saint Mary College offers fully online and hybrid courses for undergraduates. Call the Office of Admissions for Graduate and Adult Degree Completion Programs at 845-569-3225 for more information.

For general information, or to learn more about online learning, email the Office of Online Learning at onlinelearning@msmc.edu, or call 845-569-3457.

ACADEMIC PROGRAMS

ACCOUNTING, BS

The accounting major is designed to give training in the fundamentals of accounting as a necessary skill for the understanding of business. It provides a sequence of specialized instruction in accounting theory, cost management, budgeting, auditing, taxation, accounting systems and accounting as a management tool. The student majoring in accounting is prepared for a career in public accounting, corporate accounting or government service as well as for graduate study. In completing the requisite courses for an accounting major, and ECO 1010 (Principles of Macroeconomics) and ECO 1020 (Principles of Microeconomics), the student fulfills the academic requirements for admission to the licensing examinations for Certified Public Accounting in New York State.

With special permission, undergraduate students majoring in accounting at Mount Saint Mary College may take up to 6 graduate credits in the college's MBA program.

Mount Saint Mary College has received specialized accreditation for its business programs, including the major in accounting, through the International Assembly for Collegiate Business Education (IACBE), Olathe, Kansas. IACBE is the premier business accrediting body for business program in student-centered colleges and universities throughout the world. The IACBE accredits business degree programs at more than 225 colleges and universities in more than 20 countries. IACBE promotes and recognizes excellence in business education in colleges at both the undergraduate and graduate level.

A concentration in sports management is also available in this major.

Program Requirements for Accounting Major

Course Requirements in Accounting and Additional Business Courses

ACC 1050 - Financial Accounting	3 cr.
ACC 1060 - Managerial Accounting	3 cr.
ACC 2010 - Intermediate Accounting I	3 cr.
ACC 2020 - Intermediate Accounting II	3 cr.
ACC 3030 - Auditing	3 cr.
ACC 3040 - Federal Income Tax	3 cr.
ACC 3070 - Accounting for Managerial Decisions and Control	3 cr.
ACC 4030 - Financial Accounting Problems	3 cr.

Five Additional ACC or BUS or FIN courses **15 cr.**

Total: 39 cr.

Course Requirements in Business-Related Fields

BUS 1010 - Introduction to Management	3 cr.
BUS 1020 - Marketing Principles	3 cr.
BUS 2050 - Business Law I	3 cr.
BUS 2060 - Business Law II	3 cr.
FIN 3020 - Money and Banking	3 cr.
FIN 3030 - Financial Management	3 cr.

Total: 18 cr.

Additional Course Requirements (from the General Education program)

MTH 2070 - Elementary Statistics	3 cr.
PHL 3120 - Business Ethics	3 cr.

Total: 6 cr.

Total Program Requirements for Accounting Major: 63 cr.

General Education Course Requirements

Arts and Letters	12 cr.
Natural Sciences/Mathematics, in addition to MTH 2070	6 cr.
Philosophy/Religious Studies, in addition to PHL 3120	6 cr.
Social Sciences	9 cr.

Total: 33 cr.

Liberal Arts Elective Requirements:

24 cr.

Total Credit Requirement for Graduation: 120 cr.

ACCOUNTING BS/MBA (FIVE-YEAR PROGRAM)

The accounting BS/MBA five-year program is designed to provide training in the fundamentals of accounting and business that fulfills the academic requirements for licensing for Certified Public Accounting in New York. This program provides a sequence of specialized instruction in accounting theory, cost management, budgeting, auditing, taxation, accounting systems, and accounting as a management tool leading to a BS in accounting.

In addition, students completing the full-course sequence will have an integrated program of graduate studies, incorporating the college's strengths in the liberal arts with contemporary business management studies and advanced accounting research, leading to an MBA degree.

Students admitted to this program will be eligible for admission into the MBA graduate program following completion of 90 undergraduate credits, 21 of which must be in accounting, as long as the Grade Point Average of 2.85 is maintained both overall and in the major.

At the completion of ninety credits an administrative hold is placed on the student's registration and the student's unofficial transcript is reviewed by the MBA Coordinator. If the GPA requirements are met or expected to be met by graduation, the student is allowed to continue in the program and to register for those courses required only of the five-year students. If the student is unlikely to meet the 2.85 requirement, the student will be administratively transferred into the four-year accounting major. The MBA coordinator will inform the registrar's office of the decision and the hold will be removed.

Students choosing not to complete the MBA will receive a BS in accounting.

A student completing the BS/MBA in accounting is prepared for a career as a Certified Public Accountant, corporate accounting and management, or for government service.

Students in the accounting major may also pursue a concentration in sports management.

Undergraduate Program Requirements for the BS/M.B.A Accounting Major Course Requirements in Accounting

ACC 1050 - Financial Accounting	3 cr.
ACC 1060 - Managerial Accounting	3 cr.
ACC 2010 - Intermediate Accounting I	3 cr.
ACC 2020 - Intermediate Accounting II	3 cr.
ACC 3030 - Auditing	3 cr.
ACC 3040 - Federal Income Tax C	3 cr.
ACC 3061 - Computer Applications in Accounting and Business	3 cr.
ACC 3070 - Accounting for Managerial Decisions and Control	3 cr.
ACC 4020 - Contemporary Accounting Theory	3 cr.
ACC 4030 - Financial Accounting Problems	3 cr.
ACC 4060 - Not-for-Profit Accounting	3 cr.

Total: 33 cr.

Course Requirements in Business-Related Fields

BUS 1010 - Introduction to Management	3 cr.
BUS 1020 - Marketing Principles	3 cr.
BUS 2050 - Business Law I	3 cr.
BUS 2060 - Business Law II	3 cr.
BUS 3020 - Money and Banking	3 cr.
BUS 3030 - Financial Management	3 cr.
Two additional ACC or BUS or FIN courses	6 cr.

Total: 24 cr.

Course Requirements in Support Courses

CIT 1052 - Computer Literacy	3 cr.
CIT 1160 - Spreadsheets and Databases	3 cr.

Total: 6 cr.

Total Program Requirements for Accounting Major: 78 cr.

General Education Course Requirements

Arts and Letters	12 cr.
Natural Science	6 cr.
MTH 2070 - Elementary Statistics	3 cr.
Philosophy/Religious Studies	6 cr.
PHL 3120 - Business Ethics	3 cr.
ECO 1010 - Principles of Economics, Macro	3 cr.
ECO 1020 - Principles of Economics, Micro	3 cr.
Social Sciences	3 cr.

Total: 39 cr.

Liberal Arts Elective Requirements: 18 cr.

Total Undergraduate Credit Requirements for BS/MBA: 120 cr.

Graduate Program Requirements for the BS/MBA Accounting Major

MGT 5000, MGT 5010, MGT 5020, MGT 5050, MGT 5060, MGT 5080, MGT 5090, MGT 5110, MGT 5140, MGT 6510, MGT Electives - Business Topic (3), MGT Electives - Liberal Arts Topic (3)

Total: 34 cr.

Total Undergraduate Credit Requirements for BS/MBA: 120 cr.

Total Graduate Credit Requirements for BS/MBA: 34 cr.

Total Credit Requirements for BS/MBA: 154 cr.

MINOR IN ACCOUNTING (NON-BUSINESS)

The Division of Business offers an 18-credit minor in accounting for non-business major as follows:

ACC 1050 - Financial Accounting	3 cr.
ACC 1060 - Managerial Accounting	3 cr.
ACC 2010 - Intermediate Accounting I	3 cr.
ACC 2020 - Intermediate Accounting II	3 cr.

ACC 3030 - Auditing	3 cr.
or	
ACC 3070 - Accounting for Managerial Decisions and Control	3 cr.
or	
ACC 3040 - Federal Income Tax	3 cr.

Total Credit Requirement for Accounting Minor: 18 cr.

GENERAL ACCOUNTING CERTIFICATE

The general accounting certificate is designed for non-traditional students to meet their career needs and professional objectives.

The certificate program requires 15 credits including

ACC 1050 - Financial Accounting	3 cr.
ACC 1060 - Managerial Accounting	3 cr.
ACC 2010 - Intermediate Accounting I	3 cr.
ACC 2020 - Intermediate Accounting II	3 cr.
ACC 3061 - Computer Applications in Accounting and Business	3 cr.

ART

MINOR IN ART

A minor in Art requires a total of 18 credits in the discipline, including ART 1030 (History of Art) or ART 1600 (2-D Design Fundamentals). The remaining courses may be selected from any other art courses. Twelve of the 18 credits must be from courses numbered 2000 or above.

BIOLOGY, BA

Biologists study the living world and attempt to understand the nature of life itself in all of its complexity and majesty. The biology faculty realizes that in order to develop the knowledge and understanding that provide insight into life's mysteries requires a liberal arts education with a broad exposure to science. True specialization is relegated to postgraduate education. It is this philosophy that has guided the structure of the biology major.

Students pursuing a major in biology have many career paths available to them. In addition to the traditional careers in medicine, veterinary medicine and dentistry, many allied health professions begin with a major in biology. Optometry, podiatry, chiropractic, medical technology, cytotechnology, physical therapy and careers as physicians' assistants all have biology as their foundation.

Outside of the health professions there are many varied careers that include zookeepers, museum curators, science writers, agricultural specialists, environmental consultants, genetics councilors, nutritionists, and forensic specialists to name just a few. Students who wish to develop expertise in a sub-discipline of biology, such as physiology, microbiology, immunology, ecology, etc. attend graduate school, working toward either a master's degree (M.S.) or a Doctor of Philosophy (Ph.D.). Those trained as research scientists often build careers in academia or in industry.

Program Requirements for the Biology Major

Most majors take Biological Principles (BIO 1130 - BIO 1140) as their foundation courses in the freshman year. Students in the physical therapy program take Anatomy and Physiology (BIO 1030 - BIO 1040) in lieu of the principles courses.

Six upper-level biology courses (2000-and above) are also required. In the second year, sophomore biology majors will take Genetics (BIO 2040) in the fall semester and Principles of Microbiology (BIO

2080) in the spring. In addition, all biology majors are required to take three Natural Science Seminars (3910BIO 3910, BIO 3920, and 4900BIO 4900) Ecology (BIO 4080), one organismal biology course and one cell/molecular biology course. The remaining upper level biology course can be any other course numbered 200 and above. Only one upper-level biology course may be a non-lab course.

There are several support courses that biology majors are required to take. These include Chemical Principles (CHM 1510 - CHM 1520), Organic Chemistry (CHM 2010 - CHM 2020), General Physics (PHY 2010 - PHY 2020) and Calculus (MTH 2510 - MTH 2520). Courses in foreign language, statistics and computer science are also highly recommended.

All biology courses above the 1000-level have a pre-requisite of at least one college-level chemistry course with a grade of C or better. All biology courses above 1000-level have a pre-requisite of a C or above in BIO 1140 (Biological Principles II) or BIO 1040 (Anatomy & Physiology II) and a C or above in any other pre-requisite course(s).

A biology major must attain a minimum grade point average (GPA) in biology courses of 1.7 by the end of the freshman year and 2.0 by the end of the sophomore year and each succeeding semester. A student who does not maintain the minimum GPA in biology will be asked to withdraw as a biology major.

Recommended Course Sequence, Biology Major

Freshman

FALL

ENG 1010 - College Writing	3 cr.
BIO 1130 - Biological Principles I	4 cr.
CHM 1510 - Chemical Principles I	4 cr.
MTH 2510 - Analytic Geometry and Calculus I	4 cr.

SPRING

ENG 1020 - Forms of Literature	3 cr.
BIO 1140 - Biological Principles II	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
MTH 2520 - Analytic Geometry and Calculus II	4 cr.

Sophomore

FALL

CHM 2010 - Organic Chemistry I	4 cr.
Foundations/Elective	3 cr.
BIO 2040 - Genetics	4 cr.
Foundations/Elective	

SPRING

BIO 2080 - Principles of Microbiology	4 cr.
CHM 2020 - Organic Chemistry II	4 cr.
Foundations/Elective	3 cr.

Junior

FALL

Biology (BIO)	4 cr.
PHY 2010 - General Physics I	4 cr.
Foundations/Elective(s)	9 cr.
BIO 3910 - Natural Science Seminar I	1 cr.

SPRING

PHY 2020 - General Physics II	4 cr.
Foundation/Elective(s)	6 cr.
BIO 3920 - Natural Science Seminar II	2 cr.

Senior

FALL

Biology (BIO)	4 cr.
Foundation/Elective(s)	12 cr.

SPRING

Biology (BIO)	4 cr.
BIO 4900 - Natural Science Seminar III	1 cr.
Foundation/Elective(s)	9 cr.

MINOR IN BIOLOGY

Students minoring in biology must take a minimum of 11 credits in biology courses numbered 2000 or above in addition to two semesters at the introductory level (BIO 1030 - BIO 1040 or BIO 1130 - BIO 1140) for a total of 19 credits. A minimum of five biology credits must be taken at Mount Saint Mary College including one laboratory course numbered above 2000.

BIOLOGY WITH ADOLESCENCE CERTIFICATION (GRADES 7-12), BA

As our world increases in technological complexity it is becoming more and more imperative that we educate our youth to be able to function in such a society. The program in biology education at Mount Saint Mary College is designed to prepare teachers to present modern scientific concepts in an exciting and dynamic way while also equipping their students with the ability to make educated judgments when the appropriate data is presented. In attempting to do this, the program is designed to give the successful graduate a broad and balanced background that addresses the standards of the National Science Teachers Association (NSTA). All students, after successfully completing this program, will have been exposed to topics that constitute the core competencies, advanced competencies and supporting competencies recommended for teachers by the NSTA. Students will follow a program of courses similar to a biology major, without the calculus requirement but including two semesters of earth science and one semester of statistics.

Recommended Course Sequence, Biology Major with Adolescence Education*

Freshman

FALL

BIO 1130 - Biological Principles I	4 cr.
CHM 1510 - Chemical Principles I	4 cr.
ENG 1010 - College Writing	3 cr.
MTH 2070 - Elementary Statistics	3 cr.

SPRING

BIO 1140 - Biological Principles II	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
ENG 1020 - Forms of Literature	3 cr.
ED 2051 - Orientation to Teaching	1 cr.
PSY 1010 - General Psychology	3 cr.

Sophomore

FALL

BIO 2040 - Genetics	4 cr.
PHL 1020 - Logic	3 cr.
or	
PHL 1030 - Intro to Philosophy	3 cr.

CHM 2010 - Organic Chemistry I	4 cr.
PSY 3230 - Adolescent Psychology	3 cr.
Language Core	

SPRING

BIO 2080 - Principles of Microbiology	4 cr.
CHM 2020 - Organic Chemistry II	4 cr.
PSY 3020 - Psychology of Learning	3 cr.
PSY 3401 - Psychology of Exceptional Learners	3 cr.

Junior

FALL

BIO (300-400 level)	
PHY 1010 - Introductory Physics I	4 cr.
ED 3302 - Intro to Instruction and Assessment for Adolescence Education	3 cr.
PSY 3360 - Content Enhancement for Adolescent Learners	3 cr.
BIO 3910 - Natural Science Seminar I	1 cr.

SPRING

BIO course at the 3000 or 4000 level	4 cr.
PHY 1020 - Introductory Physics II	4 cr.
ED 3201 - Literacy in the Content Areas for Adolescence Education	3 cr.
Social Sciences Core	
ED 3307 - Curriculum and Assessment in Science, 7-12	3 cr.
BIO 3920 - Natural Science Seminar II	2 cr.

Senior

FALL

BIO (300-400) Level	
ERS 1030 - Introductory Earth Science I	3 cr.
History Core	
REL/PHL Core	
ED 3407 - Science Methods	3 cr.
BIO 4900 - Natural Science Seminar III	1 cr.
<i>(Course may also be taken during the spring semester)</i>	

SPRING

BIO (300-400 level)	4 cr.
BIO 4900 - Natural Science Seminar III	1 cr.
<i>(Course may also be taken during the fall semester)</i>	
ERS 1040 - Intro Earth Science II	3 cr.
PHL 3080 - Philosophy of Education	3 cr.
Arts & Letters Core	
PSY 3301 - Managing Behavior in Special Education or Mainstreamed Settings	3 cr.

9th Semester

ED 4021 - Student Teaching in the Secondary School	9 cr.
ED 4030 - Workshop in Health Education	0 cr.
ED 4240 - Integrative Fieldwork	3 cr.

Note * This sequence is extremely rigorous and will necessitate course work during the summers or extra semesters to complete.

BIOLOGY/ADOLESCENCE EDUCATION, BA/MSED

This program is designed for students interested in teaching high school biology. A similar program is available for chemistry. In five years, students will be able to complete all required courses for a bachelor's degree in biology, a master's in education degree, and New York State Certification in adolescence education.

Students will be admitted into the biology BA /adolescence education MSED upon application to Mount Saint Mary College in their freshman year. Requirements for entrance and continuing enrollment in the five-year master's program in biology and adolescence education at MSMC are:

Incoming freshmen must have completed high school biology and chemistry, and must meet 2 of the following 3 criteria: a. 85 scholastic average in HS ; b. Top 30% of their graduating class; c. SAT scores of 1000 (critical reading and mathematics).

Students transferring into the program (internally or externally) must have a 3.0 cumulative average, including two semesters of majors-level introductory biology with no grade in these introductory courses lower than a B-.

Students must maintain a 3.0 cumulative grade point average throughout the five years of the program and must pass ED 2051, Orientation to Teaching. Students who transfer ED 2051 from another college must pass the writing assessment section of ED 2051 at Mount Saint Mary College.

Students in the five-year master's program will be evaluated at the end of each semester. Students who do not meet the minimum 3.0 GPA requirement in any semester will be placed on probation. Only one probationary period will be allowed; students who fail to meet the minimum GPA requirement for more than one semester will be removed from the program and placed into a BA program in biology.

Admissions criteria of the college will be applied along with the maintenance of a 3.0 Grade Point Average throughout the five-year program for those selecting this degree option. For those who may choose to apply for the five-year master's degree option after initial admission, either as a transfer student or a MSMC student who decides to change majors, will come under the original admissions stipulations at the time they apply for the five-year master's option. Each student in the program will be assigned two advisors: one from the Division of Natural Science and one from the Division of Education.

Students in the five-year master's degree program may elect to remove themselves from the program and enter a bachelor's program at Mount Saint Mary College at any time. However, no more than 6 credits of graduate education courses may be counted toward an individual bachelor's degree if a student leaves the five-year master's program for any reason. These graduate credits may not then be used toward a master's degree.

Both degrees will be awarded at the completion of the fifth year of the program.

Recommended Course Sequence Biology BA/Adolescence Education MSED

Year 1

FALL

BIO 1130 - Biological Principles I	4 cr.
CHM 1510 - Chemical Principles I	4 cr.
MTH 2070 - Elementary Statistics	3 cr.*
ENG 1010 - College Writing	3 cr.
ED 2051 - Orientation to Teaching	1 cr.

SPRING

BIO 1140 - Biological Principles II	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
PSY 1010 - General Psychology	3 cr.
ENG 1020 - Forms of Literature	3 cr.

Year 2

FALL

BIO 2040 - Genetics	4 cr.
CHM 2010 - Organic Chemistry I	4 cr.
PHL 1020 - Logic	3 cr.
or	
PHL 1030 - Introduction to Philosophy	3 cr.
HIS	3 cr.
Language	3 cr.

SPRING

BIO 2080 - Principles of Microbiology	4 cr.
CHM 2020 - Organic Chemistry II	4 cr.
Social Science	3 cr.
ART/MUS/THR	3 cr.

Year 3

FALL

BIO elective	4 cr.
PHY 1010 - Introductory Physics I	4 cr.
ED 5001 - Intro to Special Education	3 cr.
ED 5252 - Introduction to Instruction & Assessment for Adolescence Education (General Pedagogy)	3 cr.
PHL 3080 - Philosophy of Education	3 cr.
BIO 3910 - Natural Science Seminar I	1 cr.

SPRING

BIO elective	4 cr.
PHY 1020 - Introductory Physics II	4 cr.
ED 5441 - Basics of Literacy Instruction for Adolescence Education	3 cr.
ED 5210 - Nature of Schools in the Education of All Children	3 cr.
BIO 3920 - Natural Science Seminar II	2 cr.

Year 4

FALL

BIO elective	4 cr.
ERS 1030 - Introductory Earth Science I	3 cr.
PHL/REL	3 cr.
ED 5220 - Theories, Research and Application of Adolescent Development	3 cr.
ED 5567 - Content - Science Methods (NSTA - National Science Teachers Association)	3 cr.
BIO 4900 - Natural Science Seminar III (Course may also be taken during spring semester)	1 cr.

SPRING

BIO elective	4 cr.
ERS 1040 - Introductory Earth Science II	3 cr.
ED 5042 - Appl Rsch Behavior Mgmt	3 cr.
ED 5231 - Content Area Literacy in the Secondary School for Pupils with and without Disabilities	3 cr.
ED 5042 - Applied Research in Behavior Management	3 cr.
BIO 4900 - Natural Science Seminar III (Course may also be taken during the fall semester)	1 cr.

Year 5

FALL

ED 5390 - Collaboration w/ parents	3 cr.
ED 5710 - Differentiated instruction	3 cr.
ED 5700 - Teaching w/ Technology	3 cr.
ED 5390 - Collaboration with Parents	3 cr.
ED 5710 - Differentiated Instruction	3 cr.
ED 5700 - Teaching with Technology	3 cr.

SPRING

ED 5464 - Student Teaching	6 cr.
ED 5521 - Workshop in Health Ed	0 cr.
ED 5464 - Student Teaching	6 cr.
ED 5521 - Health Workshop	0 cr.

NOTE:

*Although calculus is not required for this program, calculus and calculus-based physics may be included in the educational plan for more flexibility within the major.

**MSEd courses will be scheduled during evening hours.

BIOLOGY WITH CHILDHOOD CERTIFICATION (GRADES 1-6), BA

As our world increases in technological complexity it is becoming more and more imperative that we educate our youth to be able to function in such a society. The program in biology education at Mount Saint Mary College is designed to prepare teachers to present modern scientific concepts in an exciting and dynamic way while also equipping their students with the ability to make educated judgments when the appropriate data is presented. In attempting to do this, the program is designed to give the successful graduate a broad and balanced background that addresses the standards of the National Science Teachers Association (NSTA). All students, after successfully completing this program, will have been exposed to topics that constitute the core competencies, advanced competencies and supporting competencies recommended for teachers by the NSTA. Students will follow a program of courses similar to a Biology major, without the Calculus requirement but including two semesters of earth science and one semester of statistics.

Recommended Course Sequence, Biology Major With Childhood Education* Certification

Freshman

FALL

BIO 1130 - Biological Principles I	4 cr.
CHM 1510 - Chemical Principles I	4 cr.
ENG 1010 - College Writing	3 cr.
PSY 1010 - General Psychology	3 cr.
MTH 2070 - Elementary Statistics	3 cr.

SPRING

BIO 1140 - Biological Principles II	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
ENG 1020 - Forms of Literature	3 cr.
PSY 3010 - Child Psychology	3 cr.
ED 2051 - Orientation to Teaching	1 cr.

Sophomore

FALL

BIO 2040 - Genetics	4 cr.
CHM 2010 - Organic Chemistry I	4 cr.
PHL 1020 - Logic	3 cr.
or	
PHL 1030 - Intron to Philosophy	3 cr.
ED 2110 - Methods in Mathematics for Childhood Education	3 cr.
PSY 3401 - Psychology of Exceptional Learners	3 cr.

SPRING

BIO 2080 - Principles of Microbiology	4 cr.
CHM 2020 - Organic Chem II	4 cr.
ED 2120 - Literacy, Teaching, and Learning for Diverse Childhood Learners	4 cr.
ED 2510 - Language Arts Methods for Childhood Education	3 cr.

Junior

Fall

Bio (300-400 level)	
PHY 1010 - Introductory Physics I	4 cr.
ED 3120 - Social Studies Methods for Childhood Education	3 cr.
PSY 3301 - Managing Behavior in Special Education or Mainstreamed Settings	3 cr.
Language Elective	
ED 3191 - Teaching Literacy in the Content Areas	3 cr.
Or	
ED 4500 - Special Topics: Literacy	3 cr.
BIO 3910 - Natural Science Seminar I	1 cr.

SPRING

Biology course at the 3000 or 4000 level	3 cr.
PHY 1020 - Introductory Physics II	4 cr.
ENG 1020 - Forms of Literature	3 cr.
PSY 3700 - Metacognitive and Social Support for Pupils with Disabilities	3 cr.
BIO 3920 - Natural Science Seminar II	2 cr.

Senior

FALL

BIO (300-400) level	
ERS 1030 - Intro Earth Science I	3 cr.
Social Science Core	
Philosophy/Religion Core	
ED 2520 - Science and Technology Methods for Childhood Education	3 cr.
BIO 4900 - Natural Science Seminar III	1 cr.
(Course may also be taken during the Spring Semester)	

SPRING

BIO (300-400 level)	4 cr.
BIO 4900 - Natural Science Seminar III	1 cr.
(Course may also be taken during the Fall Semester)	
PHL 3080 - Philosophy of Education	3 cr.
ERS 1040 - Intro Earth Science II	3 cr.
ART/MUS/THR Core	

9th Semester

ED 4011 - Student Teaching in the Elementary School	9 cr.
ED 4240 - Integrative Fieldwork	3 cr.
ED 4031 - Child Abuse Health and Safety Education Workshop	0 cr.

NOTE * This sequence is extremely rigorous and will necessitate course work during the summers or extra semesters to complete.

BIBLICAL STUDIES MINOR

Religious Studies

The religious studies program affords students the opportunity to pursue studies in either religious studies or biblical studies, leading, if they so desire, to a minor in either of these areas. To minor in either religious studies or biblical studies, a student needs 18 credits, 12 in the selected minor area and 6 in the alternative area.

The religious studies curriculum provides an opportunity for a multi-faceted reflection on the religious dimension of the human experience. Students are introduced to the religious patterns of humanity in a worldwide perspective. The tradition of the Dominican Order includes "disputatio" (respectful dialogue) and the search for "veritas" (truth) in all disciplines. The concepts of the sacred work of "study," one of St. Dominic's Nine Ways of Prayer, is examined as the education philosophy of the founders of Mount Saint Mary College.

BUSINESS MANAGEMENT AND ADMINISTRATION, BS

The study of business at Mount Saint Mary College is conceived as a liberal discipline. The Business Management and Administration major is intended to provide the men and women enrolled with pre-professional knowledge of the field within the context of a comprehensive liberal arts education. All required courses in the Business Management and Administration major must be taken at Mount Saint Mary College unless prior approval has been obtained from the division chair.

Mount Saint Mary College has received specialized accreditation for its business programs, including the major in Business Administration and Management, through the International Assembly for Collegiate Business Education (IACBE), Olathe, Kansas. IACBE is the premier business accrediting body for business programs in student-centered colleges and universities throughout the world. The IACBE accredits business degree programs at more than 225 colleges and universities in more than 20 countries. IACBE promotes and recognizes excellence in business education in colleges at both the undergraduate and graduate level.

The Business Management and Administration major is designed to give training in business management and administration as a necessary skill for the understanding of business. It provides a sequence of specialized instructions in management, marketing, economics, business law and accounting. The student is prepared to enter the business management environment or to pursue further studies at the graduate level.

With special permission, undergraduate seniors majoring in business at Mount Saint Mary College may take up to 6 graduate credits in the College's Master of Business Administration Program (MBA).

Program Requirements for Business Management and Administration Major 48 cr.

Course Requirements in Business	27 cr.
BUS 1010 - Introduction to Management	3 cr.
BUS 1020 - Marketing Principles	3 cr.
BUS 2050 - Business Law I	3 cr.
BUS 2060 - Business Law II	3 cr.
BUS 3010 - Production Systems Management	3 cr.
BUS 3020 - Money and Banking	3 cr.

BUS 3030 - Financial Management	3 cr.
BUS 3150 - Organizational Behavior	3 cr.
BUS 4010 - Seminar in Management	3 cr.

Course Requirements in Business-Related Fields 21 cr.

ACC 1050 - Financial Accounting	3 cr.
ACC 1060 - Managerial Accounting	3 cr.
An additional 15 credits in ACC, BUS, or FIN courses.	15 cr.

General Education Course Requirements 39 cr.

ENG 1010 - College Writing	3 cr.
ENG 1020 - Forms of Literature	3 cr.
One additional course in ENG or COM	3 cr.
One course in ART, MUS, THR, or a foreign language	3 cr.
MTH 2070 - Elementary Statistics	3 cr.
and	
MTH 1500 - Precalculus	3 cr.
or	
MTH 1400 - Elementary Functions	3 cr.
or	
MTH 2300 - Introduction to Management Science	3 cr.
or	
MTH 2510 - Analytic Geometry and Calculus I	4 cr.
One or two courses in Mathematics and Natural Sciences, including one laboratory science course	3-7 cr.
PHL 3120 - Business Ethics	3 cr.
Two additional courses in Philosophy and/or Religious Studies	6 cr.
ECO 1010 - Principles of Economics, Macro	3 cr.
ECO 1020 - Principles of Economics, Micro	3 cr.
One History course	3 cr.

Liberal Arts Electives 33 cr.

Total Credit Requirements for Graduation: 120 cr.

CONCENTRATIONS

The business major offers the following concentrations: finance (18 credits); marketing (18 credits); and sports management (15 credits).

BUSINESS MANAGEMENT AND ADMINISTRATION/ FINANCE CONCENTRATION, BS

The finance concentration is designed to prepare Business Management and Administration majors for a wide variety of professional positions in the field of finance by providing the educational background necessary for entry level employment.

Program Requirements

Program Requirements for Business Management and Administration major with a concentration in Finance.

Course Requirements in Business

BUS 1010 - Introduction to Management	3 cr.
BUS 1020 - Marketing Principles	3 cr.
BUS 2050 - Business Law I	3 cr.
BUS 2060 - Business Law II	3 cr.
BUS 3010 - Production Systems Management	3 cr.
BUS 3150 - Organizational Behavior	3 cr.
BUS 4010 - Seminar in Management	3 cr.

Credit Requirements in Business: 21 cr.

Course Requirements in Finance

FIN 3010 - Principles of Finance	3 cr.
FIN 3020 - Money and Banking	3 cr.
FIN 3030 - Financial Management	3 cr.
FIN 3040 - Corporate Finance	3 cr.

Credit Requirements in Finance: **12 cr.**

Course Requirements in Related Fields

ACC 1050 - Financial Accounting	3 cr.
ACC 1060 - Managerial Accounting	3 cr.
Additional ACC or BUS or FIN courses	12 cr.

Total Credit Requirements for Concentration in Finance: **51 cr.**

General Education Course Requirements

Arts and Letters	12 cr.
Natural Science course with a laboratory	3 cr.
One additional science or math course (if needed)	
MTH 2070 - Elementary Statistics	3 cr.
and	
MTH 1400 - Elementary Functions	3 cr.
or	
MTH 1500 - Precalculus	3 cr.
or	
MTH 2510 - Analytic Geometry and Calculus I	4 cr.
Philosophy/Religious Studies	6 cr.
PHL 3120 - Business Ethics	3 cr.
ECO 1010 - Principles of Economics, Macro	3 cr.
ECO 1020 - Principles of Economics, Micro	3 cr.
Social Sciences	3 cr.

Total Credit Requirement for General Education: **39 cr.**

Liberal Arts Electives: **30 cr.**

Total Credit Requirement for Graduation: 120 cr.

BUSINESS MANAGEMENT AND ADMINISTRATION/MARKETING CONCENTRATION, BS

The concentration in marketing is designed to prepare Business Management and Administration majors for professional positions in the field of marketing, while providing them with the benefit of a broad background in management.

Program Requirements**Course requirements in Business**

BUS 1010 - Introduction to Management	3 cr.
BUS 1020 - Marketing Principles	3 cr.
BUS 2050 - Business Law I	3 cr.
BUS 2060 - Business Law II	3 cr.
BUS 2080 - International Marketing	3 cr.
BUS 3010 - Production Systems Management	3 cr.
BUS 3040 - Retail Management	3 cr.
BUS 3150 - Organizational Behavior	3 cr.
BUS 4010 - Seminar in Management	3 cr.
BUS 4030 - Marketing Management	3 cr.

Total Credit Requirements in Business: **30 cr.**

Course Requirement in Related Fields

ACC 1050 - Financial Accounting	3 cr.
ACC 1060 - Managerial Accounting	3 cr.
FIN 3020 - Money and Banking	3 cr.
FIN 3030 - Financial Management	3 cr.
MTH 2070 - Elementary Statistics	3 cr.
Additional ACC or BUS or FIN Course	3 cr.

Total Credit Requirement in Related Fields: **18 cr.**

Choose two from among

BUS 4111 (business elective)	
BUS 4850/4860 - Business Internship in a marketing position (business elective)	3, 6 cr.
BUS 4200 - International Advertising and Promotion (Business or Arts and Letters elective)	3 cr.
or	
CMA 4070 - International Advertising and Promotion (Business or Arts and Letters elective)	3 cr.
CMA 2050 - Introduction to Public Relations 3 cr. (Arts and Letters elective)	

General Education Course Requirements

Arts and Letters	9 cr.
CMA 4080 - Advertising	3 cr.
Natural Sciences	3-4 cr.
MTH 2070 - Elementary Statistics	3 cr.
and	
MTH 1500 - Precalculus	3 cr.
or	
MTH 1400 - Elementary Functions	3 cr.
or	
MTH 2510 - Analytic Geometry and Calculus I	4 cr.
Philosophy and Religious Studies	6 cr.
PHL 3120 - Business Ethics	3 cr.
ECO 1010 - Principles of Economics, Macro	3 cr.
ECO 1020 - Principles of Economics, Micro	3 cr.
History	3 cr.

Total Credit Requirements for General Education: 36-41 cr.

Liberal Arts Electives **28-33 cr.**

Total Credit Requirements for Graduation: 120 cr.

BUSINESS MANAGEMENT AND ADMINISTRATION/SPORTS MANAGEMENT CONCENTRATION, OR ACCOUNTING/SPORTS MANAGEMENT CONCENTRATION

The sports management concentration is available to supplement the programs in accounting, BS or business management and administration, BS.

Required courses

BUS 2500 - Introduction to Sports Management	3 cr.
BUS 2700 - Sports Facility Management	3 cr.
BUS 4250 - Financial and Economic Analysis in Sport	3 cr.

BUS 4260 - Applied Marketing Management in Sport	3 cr.
BUS 4850/4860 - Business Internship (Sports management setting)	3, 6 cr.

BUSINESS MANAGEMENT AND ADMINISTRATION CERTIFICATE

The business management and administration certificate is designed for the adult student. This certificate program is for persons who are seeking a career or job change.

Required courses

ACC 1050 - Financial Accounting	3 cr.
BUS 1010 - Introduction to Management	3 cr.
BUS 1020 - Marketing Principles	3 cr.
BUS 2060 - Business Law II	3 cr.
ECO 1020 - Principles of Economics, Micro	3 cr.
One elective business course	

BUSINESS MANAGEMENT AND ADMINISTRATION MINOR

The Division of Business offers an 18-credit minor in business management and administration (not open to accounting majors).

The following courses are required:

BUS 1010 - Introduction to Management	3 cr.
BUS 2050 - Business Law I	3 cr.
BUS 2060 - Business Law II	3 cr.
BUS 3090 - Human Resource Management	3 cr.
ACC 1050 - Financial Accounting	3 cr.
ACC 1060 - Managerial Accounting	3 cr.

CHEMISTRY, BA

A major in chemistry at Mount Saint Mary College prepares a student for a variety of career options, including an entry level position in the chemical industry, graduate studies in chemistry or allied fields, professional schools such as medical school, dental school, etc., or careers in teaching.

Program Requirements for Chemistry Major

A chemistry major pursues a rigorous course of study that includes a number of prescribed courses: Chemical Principles (CHM 1510 - CHM 1520), Organic Chemistry (CHM 2010 - CHM 2020), Analytical Chemistry (CHM 3110), Physical Chemistry (CHM 3030 - CHM 3040), and the Natural Science Seminars (CHM 3910, CHM 3920, and CHM 4900). One more upper-level laboratory course is required to meet the 34 credit requirement. This can be accomplished by taking Instrumental Methods of Chemical Analysis (CHM 4110), Biochemistry (CHM 4310), Special Problems in Scientific Research (CHM 4910), or Experimental Physical Chemistry (CHM 3050 and CHM 3060).

There are several support courses that chemistry majors are required to take. These include Biological Principles (BIO 1130 - BIO 1140), General Physics (PHY 2010 - PHY 2020) and math courses through Calculus III (MTH 2530). Chemistry majors are also encouraged to participate in research or independent study.

All chemistry courses above 1000-level have a pre-requisite of a C or above in CHM 1520 (Chemical Principles II) and a C or above in any other pre-requisite course(s). If foreign language proficiency for graduate study is needed, German or French are the recommended languages.

A limited number of substitutions authorized by the Division of Natural Sciences may be made in the preceding requirements.

Recommended Course Sequence, Chemistry Major

Freshman

FALL

BIO 1130 - Biological Principles I	4 cr.
CHM 1510 - Chemical Principles I	4 cr.
MTH 2510 - Analytic Geometry and Calculus I	4 cr.
ENG 1010 - College Writing	3 cr.

SPRING

BIO 1140 - Biological Principles II	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
MTH 2520 - Analytic Geometry and Calculus II	4 cr.
ENG 1020 - Forms of Literature	3 cr.

Sophomore

FALL

CHM 2010 - Organic Chemistry I	4 cr.
PHY 2010 - General Physics I	4 cr.
HIS	3 cr.
MTH 2530 - Analytic Geometry and Calculus III	4 cr.

SPRING

CHM 2020 - Organic Chemistry II	4 cr.
PHY 2020 - General Physics II	4 cr.
PHL 1030 - Intro to Philosophy	3 cr.
or	
PHL 1020 - Logic	3 cr.

Junior and Senior Years

CHM 3910 - Natural Science Seminar I <i>Fall semester of junior year</i>	1 cr.
CHM 3920 - Natural Science Seminar II <i>Spring semester of junior year</i>	2 cr.
CHM 4900 - Natural Science Seminar III <i>Either fall or spring semester of senior year</i>	1 cr.

Junior Or Senior

FALL

CHM 3110 - Analytical Chemistry	4 cr.
Foundations/Elective	12 cr.

SPRING

CHM 4110 - Instrumental Methods of Chemical Analysis	4 cr.
CHM 4310 - Biochemistry	4 cr.
Foundations/Elective	6 cr.*

Junior Or Senior

FALL

CHM 3030 - Physical Chemistry I	3 cr.
CHM 3050 - Experimental Physical Chemistry I	2 cr.
Foundations/Elective	9 cr.

SPRING

CHM 3040 - Physical Chemistry II	3 cr.
CHM 3060 - Experimental Physical Chemistry II	2 cr.
CHM 4900 - Natural Science Seminar III	1 cr.
Foundations/Elective	9 cr.

Note* The above is a recommended sequence and some care must be taken in scheduling upper level courses since they are not offered every year.

Students must achieve a minimum GPA of 2.0 overall and in Chemistry courses to be eligible for the degree.

CHEMISTRY MINOR

Students minoring in chemistry must take

CHM 1510 - Chemical Principles I	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
CHM 2010 - Organic Chemistry I	4 cr.
CHM 2020 - Organic Chemistry II	4 cr.
One advanced chemistry course with a laboratory.	

CHEMISTRY BA/ADOLESCENCE EDUCATION, MSED

As our world increases in technological complexity it is becoming more and more imperative that we educate our youth to be able to function in such a society. The program in chemistry education at Mount Saint Mary College is designed to prepare teachers to present modern scientific concepts in an exciting and dynamic way while also equipping their students with the ability to make educated judgments when the appropriate data is presented. In attempting to do this, the program is designed to give the successful graduate a broad and balanced background that addresses the standards of the National Science Teachers Association (NSTA). All students, after successfully completing this program will have been exposed to topics that constitute the core competencies, advanced competencies and supporting competencies recommended for teachers by the NSTA.

Students majoring in chemistry and planning to qualify to teach in elementary or secondary schools must take a year of earth science courses (ERS 1030 - ERS 1040) in addition to the courses listed for the chemistry major.

Students who are majoring in chemistry and pursuing education certification are assigned two advisors: one from the Division of Natural Science and one from the Division of Education.

This program is designed for students interested in teaching high school chemistry. A similar five-year program is available for biology. In five years, students will be able to complete all required courses for a bachelor's degree in chemistry, a master's in education degree, and New York State Certification in Adolescence Education.

Students will be admitted into the chemistry BA/adolescence education MSED upon application to Mount Saint Mary College in their freshman year. Requirements for entrance and continuing enrollment in the five-year master's program in chemistry/adolescence education at MSMC are:

Incoming freshmen must have completed high school biology and chemistry, and must meet two of the following three criteria: a. 85 scholastic average in HS; b. Top 30% of their graduating class; c. SAT scores of 1000 (critical reading and mathematics).

Students transferring into the program (internally or externally) must have a 3.0 cumulative average, including two semesters of majors-level introductory chemistry with no grade in these introductory courses lower than a B-.

Students must maintain a 3.0 cumulative grade point average throughout the five years of the program and must pass ED 2051, Orientation to Teaching. Students who transfer ED 2051 from another college must pass the writing assessment section of ED 2051 at Mount Saint Mary College.

Students in the five-year master's program will be evaluated at the end of each semester. Students who do not meet the minimum 3.0 GPA requirement in any semester will be placed on probation. Only one probationary period will be allowed; students who fail to meet the minimum GPA requirement for more than one semester will be removed from the program and placed into a BA program in biology or chemistry.

Admissions criteria of the college will be applied along with the maintenance of a 3.0 Grade Point Average throughout the five-year program for those selecting this degree option. For those who may choose to apply for the five-year master's degree option after initial admission, either as a transfer student or a Mount student who decides to change majors, will come under the original

admissions stipulations at the time they apply for the five-year master's option. Each student in the program will be assigned two advisors: one from the Division of Natural Science and one from the Division of Education.

Students in the five-year master's degree program may elect to remove themselves from the program and enter a bachelor's program at Mount Saint Mary College at any time. However, no more than 6 credits of graduate education courses may be counted toward an individual bachelor's degree if a student leaves the five-year master's program for any reason. These graduate credits may not then be used toward a master's degree.

Both degrees will be awarded at the completion of the fifth year of the program.

Recommended Course Sequence, Chemistry BA/Adolescence Education MSED

Year 1

FALL

BIO 1130 - Biological Principles I	4 cr.
CHM 1510 - Chemical Principles I	4 cr.
MTH 2510 - Analytic Geometry and Calculus I	4 cr.
ENG 1010 - College Writing	3 cr.
ED 2051 - Orientation to Teaching	1 cr.

SPRING

BIO 1140 - Biological Principles II	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
MTH 2520 - Analytic Geometry and Calculus II	4 cr.
PSY 1010 - General Psychology	3 cr.

Year 2

FALL

CHM 2010 - Organic Chemistry I	4 cr.
PHY 2010 - General Physics I	4 cr.
MTH 2530 - Analytic Geometry and Calculus III	4 cr.
PHL 1020 - Logic	3 cr.
or	
PHL 1030 - Intro to Philosophy	3 cr.

SPRING

CHM 2020 - Organic Chemistry II	4 cr.
PHY 2020 - General Physics II	4 cr.
ENG 1020 - Forms of Literature	3 cr.

Year 3

FALL

CHM 3110 - Analytical Chemistry	4 cr.
ERS 1030 - Intro Earth Science I	3 cr.
ED 5001 - Intro to Special Education	3 cr.
ED 5252 - Intro to Instruction & Assessment for Adolescence Education (General Pedagogy)	3 cr.
PHL 3080 - Philosophy of Education	3 cr.
CHM 3910 - Natural Science Seminar I	1 cr.

SPRING

CHM elective	4 cr.
ERS 1040 - Introductory Earth Science II	3 cr.
PHL/REL	3 cr.
ED 5210 - Nature of Schools in the Education of All Children	3 cr.
ED 5441 - Basics of Literacy Instruction for Adolescence Education	3 cr.
CHM 3920 - Natural Science Seminar II	2 cr.

Year 4

FALL

CHM 3030 - Physical Chemistry I	3 cr.
Language	3 cr.
Social Science	3 cr.
ED 5220 - Theories, Research and Application of Adolescent Development	3 cr.
ED 5231 - Content Area Literacy in the Secondary School for Pupils with and without Disabilities	3 cr.
CHM 4900 - Natural Science Seminar III <i>(Course may also be taken during the spring semester)</i>	1 cr.

SPRING

CHM 3040 - Physical Chemistry II	3 cr.
ED 5042 - Applied Research in Behavior Management	3 cr.
BIO 4900 - Natural Science Seminar III <i>(Course may also be taken during the fall semester)</i>	1 cr.
ART/MUS/THR	3 cr.
ED 5567 - Content - Science Methods <i>(NSTA - National Science Teachers Association)</i>	3 cr.

Year 5

FALL

ED 5700 - Teaching with Technology	3 cr.
ED 5710 - Differentiated Instruction	3 cr.
ED 5390 - Collaboration with Parents	3 cr.
ED 5567 - Content - Science Methods <i>(NSTA - National Science Teachers Association)</i>	3 cr.

SPRING

ED 5464 - Student Teaching	6 cr.
ED 5521 - Health Workshop	0 cr.

NOTE**MSED courses will be scheduled during evening hours.

COMMUNICATION ARTS

The word "communication" derives from the Latin word "communicare," which means "to share knowledge or to inform by means of speaking and writing." While our ability to share knowledge and information has expanded due to many technological advances, the communication arts faculty remain dedicated to the principle that all communication - no matter how sophisticated its transmission - must be based in thinking, writing and oral skills.

Mount Saint Mary College offers majors in media studies and public relations. Media studies majors choose a concentration in either journalism or production.

MEDIA STUDIES MAJOR/JOURNALISM CONCENTRATION

The media studies major with a concentration in journalism is designed to prepare students for graduate study and positions in the various media professions, such as journalism, publishing, radio, television, digital media and other electronic communications. Emphasis is on writing for print and broadcast media. Prerequisite to this major is the successful completion of ENG 1010 and ENG 1020 or their equivalents. Students may then pursue a minimum of 39 (maximum of 40) credits in the field.

Requirements

Major Course Requirements for Media Studies/Journalism Concentration

CMA 2020 - Mass Media and Communication	3 cr. *
CMA 2170 - Public Speaking	3 cr.
CMA 3170 - Advanced Public Speaking & Presentation	3 cr.
CMA 2310 - Newswriting	3 cr.
CMA 3080 - Argumentation and Persuasion	3 cr.
CMA 3100 - Writing for the Mass Media	3 cr.
or	
CMA 3210 - Writing for Public Relations	3 cr.
CMA 3320 - Journalistic Writing	3 cr.
CMA 3360 - Copyediting	3 cr.
CMA 4150 - Media: Problems and Practices	3 cr.
Six credits of internships, electives, or a combination of the two:	
CMA 4850 - Internship	3 cr.
or	
CMA Elective (3)	
CMA 4450 - Research and Practice in Communication	3 cr. ** †
CMA 4500 - Coordinating Seminar	3 cr.

Required credits: 39 cr.

NOTE

* C or better to continue in the major ** Prerequisite: CMA 2020 (Mass Media and Communication).

† Prerequisite of MTH 2070 (Elementary Statistics) is strongly advised

MEDIA STUDIES MAJOR/PRODUCTION CONCENTRATION

The media studies major with a concentration in production is designed to prepare students for graduate study and positions in the various media professions, such as journalism, publishing, radio, television, digital media and other electronic communications. Emphasis is on media creation, production, and editing. Prerequisite to this major is the successful completion of ENG 1010 and ENG 1020 or their equivalents. Students may then pursue a minimum of 39 (maximum of 40) credits in the field.

Major Course Requirements for Media Studies/Production Concentration

CMA 2020 - Mass Media and Communication	3 cr. *
CMA 2165 - Introduction to Non-Linear Editing	3 cr.
CMA 2170 - Public Speaking	3 cr.
CMA 2310 - Newswriting	3 cr.
or	
CMA 3100 - Writing for the Mass Media	3 cr.
CMA 2045 - Fundamentals of Television Production	3 cr.
CMA 3090 - Digital Video Production I	3 cr.
CMA 3000 - Introduction to Audio Production	3 cr.
CMA 4150 - Media: Problems and Practices	3 cr.
CMA 4160 - Digital Video Production II	3 cr.
6 credits	
CMA 4850 - Internship	3 cr.
or	
CMA Elective	3 cr.
CMA 4450 - Research and Practice in Communication	3 cr. ** †
CMA 4500 - Coordinating Seminar	3 cr.

Required credits: 39 cr.

NOTE

* C or better to continue in the major ** Prerequisite: CMA 2020 (Mass Media and Communication).

† Prerequisite of MTH 2070 (Elementary Statistics) is strongly advised

MEDIA STUDIES (JOURNALISM CONCENTRATION) MINOR

Requirements

A minor in media studies, *journalism concentration*, requires six courses in the discipline (18 credits) that must include CMA 2020 and should include the following:

CMA 2310 - Newswriting	3 cr.
CMA 3080 - Argumentation and Persuasion	3 cr.
CMA 3320 - Journalistic Writing	3 cr.
or	
CMA 3360 - Copyediting	3 cr.
CMA 4150 - Media: Problems and Practices	3 cr.

MEDIA STUDIES (PRODUCTION CONCENTRATION) MINOR

Requirements

A minor in media studies, *production concentration*, requires six courses (18 credits) in the discipline that must include CMA 2020 and should include:

CMA 2165 - Introduction to Non-Linear Editing	3 cr.
CMA 2045 - Fundamentals of Television Production	3 cr.
CMA 2310 - Newswriting	3 cr.
or	
CMA 3090 - Digital Video Production I	3 cr.
or	
CMA 4150 - Media: Problems and Practices	3 cr.

PUBLIC RELATIONS, BA

The public relations major is designed to prepare students for graduate study and entry-level positions in public relations. Prerequisite to this major is the successful completion of ENG 1010 and ENG 1020 or their equivalents. Students may then pursue a minimum of 39 (maximum of 40) credits in the field.

Required Courses for the Public Relations Major

CMA 2050 - Introduction to Public Relations	3 cr. *
CMA 2170 - Public Speaking	3 cr.
CMA 2310 - Newswriting	3 cr.
CMA 3080 - Argumentation and Persuasion	3 cr.
CMA 3120 - Management Communications	3 cr.
CMA 3320 - Journalistic Writing	3 cr.
CMA 3100 - Writing for the Mass Media	3 cr.
or	
CMA 3210 - Writing for Public Relations	3 cr.
CMA 3170 - Advanced Public Speaking & Presentation	3 cr.
CMA 4090 - Case Studies in Public Relations	3 cr.
CMA 4080 - Advertising	3 cr.
or	
CMA 4850/4860/4870/4880 - Internship	Credits: (3, 6, 9, 12)
or	

CMA Elective	3 cr.
CMA 4850/4860/4870/4880 - Internship	3 cr.
or	
CMA Elective	3 cr.
CMA 4450 - Research and Practice in Communication	3 cr. ** †
CMA 4500 - Coordinating Seminar	3 cr.

Required credits: 39 cr.

NOTE * C or better to continue in the major ** Prerequisite is CMA 2050 (Introduction to Public Relations). † Prerequisite of MTH 2070 (Elementary Statistics) is strongly advised.

PUBLIC RELATIONS MINOR

A minor in Public Relations requires six courses (18 credits) in the discipline that must include CMA 2050 and should include the following:

Requirements

CMA 2310 - Newswriting	3 cr.
or	
CMA 3100 - Writing for the Mass Media	3 cr.
CMA 3120 - Management Communications	3 cr.
CMA 3210 - Writing for Public Relations	3 cr.
or	
CMA 3300 - Creative Writing	3 cr.
or	
CMA 3320 - Journalistic Writing	3 cr.
or	
CMA 3360 - Copyediting	3 cr.
CMA 4090 - Case Studies in Public Relations	3 cr.

Total: 18 cr.

COUNSELING, BS/MS

This dual/joint five-year program leads to a bachelor's in psychology or human services from Mount Saint Mary College and either a master of science in counseling or a master of science in mental health counseling from Pace University. Students spend the first three years at MSMC taking courses to fulfill the requirements for a bachelor's degree and the psychology or human services major, while establishing eligibility for admission into the master's in counseling program at Pace. Students must reserve 12 credits of open electives in order to take four, 3-credit graduate courses during their fourth year at MSMC. Psychology majors may also use 6 credits for the three electives at the 2000 level or above. The remaining 24 credits of the master's program are taken at Pace.

For both psychology and human services majors, students must complete all General Education requirements for a bachelor's degree from MSMC. Beyond this, required courses vary within the major.

To be eligible for the program, students must have completed 78 credits, including a one-semester internship. Students must have attained a Grade Point Average of 3.0 and a GPA of 3.3 in their major. Students must also have completed PSY 3000 (Principles and Techniques in Counseling) as one of their elective psychology courses. Students meeting these criteria must submit an application to be reviewed at MSMC by the Counseling Advisory Committee. If the CAC recommends acceptance into the Pace counseling program, the Pace graduate counseling admission committee will review the application and make the decision regarding acceptance into the program.

EDUCATION

Mount Saint Mary College's teacher education programs are fully accredited by the National Council for Accreditation of Teacher Education (NCATE) and by the following professional agencies: Association for Childhood Education International (ACEI), Council for Exceptional Children (CEC), International Reading Association (IRA), National Council of Social Studies (NCSS), National Council of Teachers of English (NCTE), National Council of Teachers of Mathematics (NCTM), and National Science Teachers Association (NSTA).

In conjunction with general education courses and an academic major in a liberal arts and sciences content area, the Division of Education offers courses that will permit prospective students to complete academic requirements for initial New York State certification in the areas listed below:

- Childhood Education (1-6)
- Childhood Education with Middle School Extension (7-9)
- Dual Childhood and Students with Disabilities (1-6)
- Adolescence Education:
 - Biology (7-12)
 - Chemistry (7-12)
 - English (7-12)
 - Mathematics (7-12)
 - Social Studies (7-12)
- Adolescence Education with Middle School Extension (5-6)
- Dual Adolescence Education and Students with Disabilities (7-12)

Students must take all certification courses at Mount Saint Mary College unless otherwise approved by an adviser. The prerequisites for all education courses numbered 2110 and above and for PSY 2551, PSY 3301 and PSY 3700 are a passing grade in ED 2051 and scores of 85% or better on three Education Proficiency Examinations offered by the Center for Student Success at the beginning of each traditional semester. Students working toward certification must consult with both an education adviser and an adviser in the major each semester.

Students enrolled in an education certification program who have earned at least 45 credits at the Mount, or transfer students who have earned at least 15 credits at the Mount, must maintain a Grade Point Average of 2.75 to remain in the program. Students whose GPA falls below this minimum at the end of any semester will be granted one additional traditional semester to raise it to 2.75. Failure to do so will lead to dismissal from the education program. Students must also achieve a minimum grade of C+ in all required certification courses, as well as have a 2.75 minimum GPA to be eligible for student teaching and to be recommended for certification. Students who do not receive a C+ or better in a certification course may repeat the course once. Failure to achieve a grade of C+ or better the second time in the course will lead to dismissal from the program.

PLEASE NOTE: New York State, beginning in February 2011, requires that teacher candidates seeking adolescence certification in teaching students with disabilities, along with adolescence certification in a subject area, must be certified as Adolescence Generalists for Teaching Students with Disabilities in grades 7-12. To be eligible for this certification, all candidates must have completed six hours of study in college level courses in four areas: English, social science, mathematics, and science, in addition to completing all required pedagogical courses. Mount Saint Mary College students will likely complete most of these distributive requirements as part of the required CORE or general education requirements for the bachelor's degree. However, even if one has met the Mount Saint Mary College general education requirements, these required courses must be met to be eligible to receive certification from New York State.

Fieldwork

While completing the teacher education program in childhood or adolescence education, students must complete 100 hours of course-related, supervised fieldwork before student teaching. Students pursuing dual certification must complete 150 hours, while students pursuing a middle school extension must complete 100 hours before student teaching plus a 3-credit practicum after student teaching.

Student Teaching

Students must complete a semester of full-time student teaching as arranged and supervised by Mount Saint Mary College within 25 miles of the college. Each student has two placements during the semester (i.e., grades 1-3 and 4-6 for childhood programs or 7-9 and 10-12 for adolescence programs). Students pursuing the dual certification will complete one placement teaching students with disabilities.

All certification courses must be completed before student teaching unless otherwise indicated or approved by an adviser and the Director of Student Teaching. Students pursuing adolescence certification are also required to complete at least 30 credits in the content area before student teaching.

The Student Teaching Handbook outlines policies and procedures that are required in order for students to successfully complete the student teaching experience. The college will not accept transfer credits from other institutions to fulfill the student teaching requirement. Student teaching must be completed within three years of graduation from Mount Saint Mary College.

State Education Department Requirements

The New York State Education Department sets all teacher certification requirements, which are subject to change by the Board of Regents.

Requirements for New York State initial certification are addressed in the college's general education requirements, academic majors, and teacher education requirements. As part of general education requirements, all teacher education students must complete at least one semester of study of a language other than English; all childhood education students must have at least one course in art, music or theater; and all adolescence students must complete PHL 3080 (Philosophy of Education).

Other requirements include passing scores on the New York State Teacher Certification Examinations (NYSTCE) as follows for all candidates:

Date of Initial Certification Application	Teacher Exams Required
Applied on or before April 30, 2014 and will meet all requirements for certification on or before April 30, 2014.	Current:
	LAST ATS-W Content Speciality test/s
Applied on or after May 1, 2014 or applied before May 1, 2014 but will not meet the requirements for the certificate by Ma 1, 2014.	New:
	Academic Literacy Skills Test Educating All Students edTPA (Early Childhood) Content Speciality Test/s

The percentages of MSMC teacher education program completers passing New York State Teacher Certification exams, as reported in the Annual Institutional Report most recently issued by the NYS Education Department at the time of this catalogs publication, are

Test	# Tested	# Passed	% Passed
LAST	78	78	100
ATS-W Elementary	53	53	100
ATS-W Secondary	25	25	100
CST – Students with Disabilities	49	43	88

Requirements for New York State professional certification include a master's degree in a functionally related area as defined by New York State, earned within five years of receiving an initial certificate. The master's degree and three years of teaching experience, including one year of mentored teaching, qualify applicants for the professional certificate from the New York State Education Department. The professional certificate must be renewed every five years. This is accomplished by completing at least 175 hours of professional development, usually through the employing district or with additional accredited coursework.

A student desiring certification outside New York is responsible for meeting the requirements of the respective state. The student should consult with the appropriate division or department for information concerning the approved majors in the various liberal arts areas.

Education Minor

A minor in education may be elected by any student who is not in the teacher education program at Mount Saint Mary College. Each student selecting this minor must consult with a member of the Division of Education and have this program approved by that faculty member and the division chair. A minor in education will require at least 18 credit hours in education courses. Students in teacher certification programs have *priority* over others where enrollment in methods courses is limited.)

Graduate Study

Mount Saint Mary College undergraduates who are enrolled in a teacher education program at the college, who have earned at least 105 credits, and who have a Grade Point Average of 3.0 or better, may apply to take a graduate course. Eligible students must make a written request and must receive permission from the division chair. A student who wishes to apply the graduate credits toward the baccalaureate degree must indicate this in the written request and must receive the chair's permission for this purpose. Graduate credits applied toward the baccalaureate degree may not be counted toward a master's degree at Mount Saint Mary College.

CHILDHOOD EDUCATION (GRADES 1-6) WITH OPTIONS

A student preparing to teach in the elementary school either as a general educator or as a teacher of students with disabilities combines a study of professional courses and student teaching with a major in one of the following areas: biology, chemistry, computer information technology, English, Hispanic studies, history, history/political science, interdisciplinary studies, mathematics and social sciences (with a concentration in history or history/political science). Students will pursue either a Bachelor of arts or a bachelor of science degree. The bachelor of arts degree requires at least 120 credits with a minimum of 90 credits in the liberal arts. The bachelor of science degree requires 120 credits with a minimum of 75 credits in liberal arts courses.

Courses in the childhood education program fulfill requirements for initial certification to teach grades 1-6. Students may also pursue either an extension of the childhood education certification to teach an academic subject in grades 7-9 or dual certification in childhood and teaching students with disabilities (grades 1-6). The additional courses required for the extension or dual certification are listed after the childhood education requirements. Candidates for a middle school extension program are required to complete all the requirements for the childhood education (grades 1-6) program including student teaching before the middle school practicum. Students who are pursuing the 7-9 extension must meet all of the required content courses for adolescence certification. Additionally, all students will need to take and pass the appropriate New York State content specialty test in which the extension will be granted in order to be certified in the extension area.

Childhood Education (Grades 1-6) required courses (43 credits)

ED 2051 - Orientation to Teaching	1 cr.
ED 2110 - Methods in Mathematics for Childhood Education	3 cr.
ED 2120 - Literacy, Teaching, and Learning for Diverse Childhood Learners	4 cr.
ED 2510 - Language Arts Methods for Childhood Education	3 cr.
ED 2520 - Science and Technology Methods for Childhood Education	3 cr.
ED 3120 - Social Studies Methods for Childhood	3 cr.
ED 4011 - Student Teaching in the Elementary School	9 cr.
ED 4030 - Workshop in Health Education	0 cr.
ED 4240 - Integrative Fieldwork	3 cr.
ED 4650 - Response to Intervention and Collaboration	3 cr.
PSY 3010 - Child Psychology	3 cr.
PSY 3301 - Managing Behavior in Special Education or Mainstreamed Settings	3 cr.
PSY 3401 - Psychology of Exceptional Learners	3 cr.
PSY 3700 - Metacognitive and Social Support for Pupils with Disabilities	3 cr.

Total: 44 cr.

CHILDHOOD EDUCATION AND TEACHING STUDENTS WITH DISABILITIES (GRADES 1-6)

Complete the following in addition to all of the required courses for Childhood Education:

ED 3551 - IEP and Transition Planning	3 cr.
PSY 2551 - Language for Students with Developmental Disabilities	3 cr.

Total: 50 cr.

CHILDHOOD EDUCATION WITH A MIDDLE SCHOOL EXTENSION (GRADES 7-9)

Complete the following in addition to all of the required courses for Childhood Education:

ED 3470 - Curriculum and Instruction for Early Adolescence Education	3 cr.
ED 3480 - Practicum for Middle Childhood Education (must be taken after student teaching)	3 cr.

Total: 49 cr.

ADOLESCENCE EDUCATION (GRADES 7-12) WITH OPTIONS

In adolescence education, the college offers courses that permit students to complete academic requirements for an initial certificate to teach in one of these disciplines: biology, chemistry, English, mathematics, and social studies. These programs combine a study of professional courses with a liberal arts major in the subject in which the certification is sought.

Students seeking certification in English, mathematics, biology or chemistry must complete the major as listed in the catalog.

Students seeking certification in social studies must complete at least a 30-credit history major that must include:

United States History I (HIS 1010) & II (HIS 1020) and
History of Western Europe I (HIS 1050) or II (HIS 1060) AND World History I (HIS 1030) or
World History II (HIS 1040)

3 of the following courses: Introduction to Historical Studies (HIS 3000), African Civilizations (HIS 3290), Latin American History (HIS 4020), History of Asia (HIS 4040), United States History Elective (HIS 3000/4000), European History (HIS 3000/4000), History or Political Science Elective (HIS/POS 3000/4000), and Senior Seminar (HIS 3000/4000)

In addition, social studies candidates must earn 3 credits of political science, 3 credits of geography, and 3 credits of economics.

History/political science majors pursuing certification in social studies must meet all of the above requirements as part of the college requirements for the major.

Candidates for a middle school extension in social studies, grades 7-9, must complete all the requirements for the initial adolescence education (grades 7-12) program including the semester of student teaching before the middle school practicum experience.

ADOLESCENCE EDUCATION WITH A MIDDLE SCHOOL EXTENSION (GRADES 5 AND 6)

Complete the following in addition to all of the required courses for Adolescence Education:

ED 3470 - Curriculum and Instruction for Early Adolescence Education	3 cr.
ED 3480 - Practicum for Middle Childhood Education (must be taken after student teaching)	3 cr.

Total: 49 cr.

ENGLISH, BA

The English major seeks to enhance understanding of language and literature. It is designed to prepare students for graduate study and for careers in professional fields, including adolescence and childhood education.

Students majoring in English read extensively and critically analyze selected works of literature. They are expected to achieve proficiency in oral and written expression as well as in critical thinking.

Prerequisite to this major is successful completion of ENG 1010 and ENG 1020 or their equivalents. Students then pursue a minimum of 39 credits (maximum of 40) in courses numbered 2000 and above, with at least 12 credits in 3000 and 4000 level courses, in accordance with the requirements listed below and in consultation with their advisers.

English majors who also pursue Adolescence Certification (grades 7-12) with Teaching Students with Disabilities or Adolescence Certification (grades 7-12) with Middle School Extension (grades 5-6) are reminded that 90 liberal arts credits are required for the bachelor of arts degree in English.

Program Requirements for English Majors

Required English Courses	Credits: (24)
Elective English Courses (3 of the elective credits must be in a 3000 or 4000 level course)	Credits: (15)

Total: 39 cr.

Required English Courses

ENG 2040 - Foundations of Literary Studies (a grade of C or better is required in ENG 2040 to continue as an English major)	3 cr.
ENG 2010 - Major English Authors I	3 cr.
ENG 2020 - Major English Authors II	3 cr.
ENG 2080 - Major American Authors I	3 cr.
ENG 2090 - Major American Authors II	3 cr.
ENG 3070 - Shakespeare	3 cr.
ENG 4160 - Development of the English Language or	3 cr.
ENG 4170 - Modern American Grammar	3 cr.
ENG 4900 - Literary Criticism (Prerequisite to ENG 4900: ENG 2040 and 15 additional credits in English)	3 cr.

Required English Courses for Adolescence Education Certification

ENG 2040 - Foundations of Literary Studies A grade of C or better is required in ENG 2040 to continue as an English major.	3 cr.
ENG 2010 - Major English Authors I	3 cr.
ENG 2020 - Major English Authors II	3 cr.
ENG 2080 - Major American Authors I	3 cr.
ENG 2090 - Major American Authors II	3 cr.
ENG 3070 - Shakespeare	3 cr.
ENG 3130 - Tutoring Writing	3 cr.
ENG 4090 - Literature for Young Adults	3 cr.
ENG 4160 - Development of the English Language OR	3 cr.
ENG 4170 - Modern American Grammar	3 cr.
ENG 4900 - Literary Criticism	3 cr.
Film Studies Minor	

A minor in film Studies requires six courses (18 credits) that must include FMS 1010 (History of Cinema I), FMS 1020 (History of Cinema II) and FMS 2010 (The Art of the Film). Other elective

courses include FMS 4013 (Cinema of the 60s), FMS 4010 (Documentary Film), FMS 4000 (Major Influences in Contemporary Cinema).

ENGLISH MINOR

A minor in English consists of a minimum of 6 English courses numbered 2000 and above for a total of 18 credits.

GENERAL SCIENCE

MINOR IN GENERAL SCIENCE

A student may obtain a minor in General Science by completing five science courses (a minimum of 18 credits) over three different disciplines.

HISPANIC STUDIES, BA

Hispanic Studies Major Requirements

The Hispanic Studies major is designed to prepare students for graduate study and careers in professional fields, including adolescent and childhood education. The program also complements careers in business, communications, media, nursing and social services. Conversation, culture and literature are emphasized in this program. Majors are required to complete a *minimum of 36 credits in Hispanic studies*. Each student is assigned a faculty advisor who will assist in the development of an academic program addressing the needs and goals of the student.

Prerequisite to the Hispanic studies major is the successful completion of SPA 1030 and SPA 1040, Intermediate Spanish I & II, or passing the Mount Saint Mary College Spanish entrance exam. Students must then take 24 credits in required courses as well as 12 credits in electives for a minimum total of 36 credits (maximum 39 credits) in Hispanic studies. These electives may include SPA 1030 and SPA 1040.

The major requires a minimum of 36 credits and must include

SPA 2000 - Conversation-Composition	3 cr.
SPA 2011 - Spanish Conversation I or	3 cr.
SPA 2015 - Spanish for Heritage Speakers	3 cr.
SPA 2021 - Spanish Conversation II	3 cr.
SPA 3000 - Culture of Spain	3 cr.
SPA 3010 - Culture of Spanish America	3 cr.
SPA 3050 - Masterpieces of Hispanic Literature I (Spain)	3 cr.
SPA 3060 - Masterpieces of Hispanic Literature II: Spanish America	3 cr.
SPA 4000 - Advanced Spanish Composition	3 cr.

Total: 24 cr.

Elective(s)

SPA 1030 - Intermediate Spanish I	3 cr.
SPA 1040 - Intermediate Spanish II or	3 cr.
Any course numbered 200 or above.	

Total: 12 cr.

Total: 36

Elective Courses

SPA 2050 - Spanish for School Teachers	3 cr.
SPA 3100 - Golden Age Art and Literature	3 cr.
SPA 2030 - Spanish for Business	3 cr.
SPA 3070 - Selected Readings in Caribbean Culture	3 cr.
SPA 3080 - Contemporary Spanish Culture, Art and Politics	3 cr.
SPA 4020 - The Novel in Spanish America	3 cr.
SPA 4025 - Short Story in Spanish America	3 cr.

Additional Information

SPA 1010 - SPA 1020 (Basic Spanish I, II) do not count for the major or the minor. Courses numbered 2000 or above require SPA 1020 - SPA 1040 (Intermediate Spanish I, II) or *passing the Mount Saint Mary College entrance/placement exam (required of all Hispanic Studies majors)*.

Students are encouraged to study abroad in a *Spanish speaking country* for a summer, semester or year. Credit is earned according to the length and intensity of the foreign experience with the approval of the Division of Arts and Letters. Mount Saint Mary College offers a summer program in Spain.

HISPANIC STUDIES (SPANISH) MINOR

Students who minor in Hispanic studies must take a minimum of 18 credits that may include intermediate courses. At least 3 credits must be at the 3000-4000 level. Students should plan a minor program with a member of the language faculty.

HISTORY, BA

History is the study of human life recreated from the tracks our ancestors have left behind. The study of history in today's world equips students with analytical skills and research techniques of great practical value in both educational and career settings. The program is designed both to acquaint students with different ages, societies and cultures, and to develop their strengths in writing and thinking.

In organizing the curriculum, care has been taken to provide students with a broad general knowledge of history and to provide a firm foundation for graduate school or careers in business, government service, law and teaching. Practice and theory are linked through internships in historical societies and at historical sites.

Program Requirements for History Major

Students who major in history must complete a minimum of 30 credits, but not more than 40 credits, in the discipline. Six credits in political science may be used as part of the 30-credit minimum. The remaining credits should be distributed over three areas: American, European, and Non-Western or Area studies. At least 18 of the 30 credits must be taken in courses numbered 3000 or 4000.

Students majoring in history must maintain an average of "C" or better in completing the requirements of the major.

The history general education requirement is met by those history courses numbered 1000. The prerequisite for courses at the 3000 or 4000 level is a minimum of 3 credits in history or political science.

MINOR IN HISTORY

Students who minor in history must take 18 credits. Three may be in political science and at least nine of the remaining credits must be in courses numbered 3000 or 4000.

HISTORY WITH CERTIFICATION IN ADOLESCENCE EDUCATION AND MIDDLE SCHOOL EXTENSION (7-9)

This major combines both the requirements of the history major with additional content requirements for certification as defined by New York State.

Requirements

Candidates for Adolescence Education (Grades 7-12) and Middle School Extension (7-9) in social studies must include a minimum of 21 credits in United States and world history and 3 credits each in economics, government/political science and geography to meet New York State certification requirements.

The social studies credits must be distributed as follows, with at least 18 credits at upper level

American History (6 credits required)

HIS 1010 - United States History I: 1492-1865 3 cr.

HIS 1020 - United States History II: 1865-Present 3 cr.

European or World History (6 credits required)

HIS 1050 - History of Western Europe I

3 cr.

HIS 1060 - History of Western Europe II

3 cr.

HIS 1030 - World History I

3 cr.

HIS 1040 - World History II

3 cr.

Non-Western or Area Studies (9 credits required)

Choose three of the following:

HIS 3000 - Foundations to Historical Studies

3 cr.

HIS 3192 - History of Islam

3 cr.

HIS 3290 - African Civilizations

3 cr.

HIS 4020 - History of Latin America

3 cr.

HIS 4040 - History of Asia

3 cr.

Political Science (3 credits required)

History Electives (minimum of 6 credits at 3000-4000 level)

6 credits in political science may be used to fulfill this requirement.

In addition

one the following geography courses and ECO 1010 are required for New York State teacher certification.

GEO 1010 - Physical and Cultural Geography of the World

3 cr.

GEO 1020 - Regional and Economic Geography of the World

3 cr.

ECO 1010 - Principles of Economics, Macro

3 cr.

Note One of the above ECO or GEO courses may be applied to the general education requirement in social sciences.

Recommended for Adolescent Certification in Social Studies

History majors seeking New York State Adolescent Certification in Social Studies will be required to pass the New York State Content Specialty Test. HIS 1030 - World History I and HIS 1040 - World History II provide the kind of synthesis of information that is needed to pass this comprehensive test. Therefore, certification candidates are advised to take at least one of the two above-specified courses in World History.

HISTORY/POLITICAL SCIENCE, BA

In joining together two closely related disciplines, the major in history/political science is designed to develop in a student an understanding of political behavior in both the historical and modern context.

Through the study of history the student learns the historical foundations upon which the contemporary world is based. Through political science the student becomes aware of the structure, organization and theory of the institutions that govern the modern world. In both disciplines the student learns analytical skills and research techniques that will be of great practical value in both educational and career settings.

A major in history/political science provides students with a number of career opportunities related to their field of interest. These opportunities include careers in law, teaching on the elementary, secondary, college or university level, and business and government service.

Internships, offered in both state and local government offices, historical societies and historical site management, are designed to give history/political science majors valuable educational experiences and opportunities related to their field of interest. Students are encouraged to enroll in the internship program in both disciplines during their senior year.

Program Requirements for History/Political Science Major

All history/political science majors must complete a minimum of 30 credits to be distributed as follows:

- 6 credits in American history
- 6 credits in European history
- 6 credits in government
- 6 credits in political thought
- 6 credits in elective courses, which may include internships and independent study.

Additional Information

At least 18 of the minimum 30 credits must be taken in courses at the 3000 or 4000 level. Students majoring in history/political science must maintain an average of C or better in completing the requirements for the major. The prerequisite for courses at the 3000 or 4000 level is a minimum of 3 credits in history/political science.

HISTORY/POLITICAL SCIENCE MINOR

Students who minor in history/political science must take 18 credits. These credits should be divided equally between the two disciplines and at least 9 credits must be in courses numbered 3000 or 4000.

HUMAN SERVICES, BA

The human services major prepares students to work with children or adults within a variety of settings. The major emphasizes the interrelationships among individual growth and development, family structure, and the larger social setting. Students become familiar with the history of the helping professions, with various approaches to the development of social policy, and with the structure of the social service system in the United States.

Human services majors graduate with a bachelor of arts degree. The program prepares them to work in direct service or administrative support in the not-for-profit, public, and private sectors. Graduates may take positions in such areas as child welfare agencies, health care, community advocacy, group residences and recreational programs. Human services majors interested in professional study may enter graduate programs such as social work, psychology, counseling, public administration, criminal justice and arts therapy.

Program Requirements for the Human Services Major

Students majoring in human services will take 36 credits in the following human services/ psychology/sociology courses:

HSR 1030 - Introduction to Social Work	3 cr.
or	
SW 1030 - Introduction to Social Work	3 cr.
HSR 2110 - Human Behavior and the Social Environment I	3 cr.
HSR 2250 - Human Behavior and the Social Environment II	3 cr.
HSR 2510 - Theory of Social Casework	3 cr.
HSR 3010 - Foundations of Social Policy and Planning	3 cr.
HSR 4110 - Quantitative and Qualitative Research Methods	3 cr.
HSR 4250 - Readings in Applied Social Research	3 cr.
HSR 4800 - Human Services Internship Seminar	1 cr.
HSR 4855 - Human Services Internship	5 cr.
SOC 1010 - Introduction to Sociology	3 cr.
SOC 2410 - Marriage and the Family	3 cr.
PSY 1010 - General Psychology	3 cr.

Additional Requirements

In addition to these courses, a student chooses 12 major electives. Major electives must include at least one diversity elective:

Diversity Electives:

SOC 3040 - Social Class, Power and Inequality	3 cr.
SOC 3410 - Race, Gender and Society	3 cr.
PSY 3000 - Principles and Techniques of Interviewing and Counseling	3 cr.
PSY 3010 - Child Psychology	3 cr.
PSY 3230 - Adolescent Psychology	3 cr.
PSY 3560 - Drugs and Society	3 cr.
or	
PSY 4250 - Abnormal Psychology	3 cr.
PSY 4330 - Psych of Autism Spectrum Disorders	3 cr.
SOC 2320 - Social Problems	3 cr.
SOC 3260 - Aging and Society	3 cr.
OR	
SOC 4710 - Community Action	3 cr.
CRI 2210 - Violence in the Community	3 cr.
CRI 2250 - Victims of Crime	3 cr.
Any HSR elective	

HUMAN SERVICES MINOR

Students wishing to minor in human services must take 18 credits of HSR courses including HSR/SW 1030 (Introduction to Social Work)

INFORMATION TECHNOLOGY

The bachelor of arts degree in information technology (IT) is designed to provide the student with a practical grounding in the fundamentals and skills in specific concentrations of the computing arts.

Information technology will prepare students to use computers effectively in educational, commercial or industrial environments, such as childhood education, networking, website design or web administration positions. All Information technology majors are given a firm grounding in fundamental computer concepts and philosophy, in conjunction with an in-depth education in their area of concentration.

The Campus Technology Center supports students in information technology, mathematics and other fields. The center consists of a number of laboratories equipped with state-of-the-art multimedia computer systems, a multimedia production facility, and a hands-on networking laboratory. In addition, the campus infrastructure includes a wireless academic network (WAN) that provides access to online resources, including the library and the Internet, from virtually anywhere on campus. Facilities are available for individual students as well as classes. Knowledgeable staff and student assistance are available during all hours of operation.

Curriculum for Information Technology

This course of study provides for a broad fundamental education in IT in conjunction with an in-depth education in a specific concentration. Two concentrations are offered: Educational Technology and Networking and Web Technologies.

Educational Technology

The Educational Technologies concentration is intended to satisfy the needs of students pursuing childhood education certification who would like to develop the skills necessary to specialize in educational technologies.

Program requirements for Information Technology Major

Required Computer Courses

CIT 1100 - Fundamentals of Computing	3 cr.
CIT 1160 - Spreadsheets and Databases	3 cr.
CIT 1900 - Internet Programming	3 cr.
CIT 2300 - Networking	3 cr.
CIT 2550 - Introduction to Programming	3 cr.
CIT 3650 - Computer Operation and Management	3 cr.
Total:	18 cr.

Required Philosophy Courses

PHL 3060 - Philosophy and Technology	3 cr.
Total:	3 cr.

Required courses in area of concentration

Educational Technologies

CIT 2060 - Presentation Media	3 cr.
CIT 3110 - Technologies for Learning	3 cr.
CIT 3210 - Distributed Learning	3 cr.
CIT 3710 - Managing Technology Resources	3 cr.
CIT 4310 - Problem Solving and Collaborative Learning with Technologies	3 cr.
CIT 4510 - Instructional Design of Educational Technology	3 cr.
MTH 2070 - Elementary Statistics	3 cr.
Elective (2000 level or above)	
Total:	24 cr.

General Education Course Requirements

Arts & Letters	12 cr.
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Natural Science/Mathematics	(6 included above) 3 (+6)
Philosophy/Religious Studies	(3 included above) 6 (+3)
Social Sciences	9 cr.

Total General Education (9 included in requirements): 30 cr. (+9) = 39
Additional Liberal Arts Requirements and Electives

Liberal Arts Electives	45 cr.
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Total Credits Required for Graduation: 120 cr.

NETWORKING AND WEB TECHNOLOGIES SEQUENCE, BA

The networking sequence will satisfy the needs of the student who wishes to become a networking professional. Completion of this curriculum will also assist students to achieve national certification such as network+ or CNE (Certified Network Engineer).

Web Technologies: The web technologies sequence is intended to prepare students to enter the field of website design and management.

Program requirements for the IT Major

Required Computer Courses

CIT 1100 - Fundamentals of Computing	3 cr.
CIT 1160 - Spreadsheets and Databases	3 cr.
CIT 1900 - Internet Programming	3 cr.
CIT 2300 - Networking	3 cr.
CIT 2550 - Introduction to Programming	3 cr.
CIT 3650 - Computer Operation and Management	3 cr.
Total:	18 cr.

Required Philosophy Courses

PHL 3060 - Philosophy and Technology	3 cr.
Total:	3 cr.

Required courses in area of concentration

Networking/Web

CIT 3700 - Systems Analysis and Design	3 cr.
CIT 4350 - Database Management Systems	3 cr.
MTH 2450 - Topics in Computer Mathematics	
or	
MTH 2350 - Discrete Mathematics	3 cr.
Two electives (2000 level or above)	

Plus 9 credits in selected sequence listed below

Networking sequence

CIT 3610 - Network Operating Systems and Administration	3 cr.
CIT 4250 - Network Administration	3 cr.
CIT 4400 - Networking Protocols	3 cr.

Web Technologies sequence

CIT 2100 - Internet Programming II	3 cr.
CIT 3180 - Server-Side Programming	3 cr.
CIT 3400 - Web Site Management	3 cr.
Total:	24 cr.

General Education Course Requirements

Arts & Letters	12 cr.
Natural Science/Mathematics	(6 included above) 3 cr. (+6)
Philosophy/Religious Studies	(3 included above) 6 cr. (+3)
Social Sciences	9 cr.

Total General Education (9 included in requirements): 30 cr.(+9) = 39 cr.

Additional Liberal Arts Requirements and Electives

Liberal Arts Electives	45 cr
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Total Credits Required for Graduation: 120 cr.

INFORMATION TECHNOLOGY MINOR (EDUCATIONAL TECHNOLOGY)

A minor in Information Technology (Educational Technology) requires 18 credits

A minor in information technology (educational technology) requires 18 credits: CIT 1100, CIT 1160, (CIT 2550 or CIT 1900), CIT 2060, CIT 3110, (CIT 3210 or CIT 3710).

Total: 18 cr.

INFORMATION TECHNOLOGY MINOR (NETWORKING/WEB)

A minor in Information Technology (Networking/Web) requires 18 credits

A minor in information technology (Networking/Web) requires 18 credits: CIT 1100, CIT 1160, (CIT 2550 or CIT 3250), CIT 3650 = 12 credits

Two electives CIT 1900 or above = 6 credits

NETWORKING CERTIFICATE

15 credits comprised of

CIT 2300 - Networking	3 cr.
CIT 4250 - Network Administration	3 cr.
CIT 4400 - Networking Protocols	3 cr.
CIT 4610 - Network Security	3 cr.
CIT 3610 - Network Operating Systems and Administration	3 cr.

Prerequisites

Students taking this program must have prior knowledge and experience in computers.

WEB TECHNOLOGIES CERTIFICATE

15 credits comprised of

CIT 1900 - Internet Programming	3 cr.
CIT 2100 - Internet Programming II	3 cr.
CIT 3180 - Server-Side Programming	3 cr.
CIT 2300 - Networking	3 cr.
CIT 3400 - Web Site Management	3 cr.

Prerequisites

Students taking this program need only basic computer competency skills to be successful, although some programming knowledge would be helpful.

INTERDISCIPLINARY STUDIES

A student who wishes to pursue a specific topic or theme that crosses disciplinary lines and for which there is no formal major at the college may choose to major in interdisciplinary studies. Any topic for which there are sufficient courses in the catalog to meet the requirements of the major may form the basis for an interdisciplinary major.

The interdisciplinary studies major shall consist of no fewer than 33 and no more than 48 credits. These credits shall be distributed in at least two and not more than three academic areas. There shall be no fewer than 9 credits in any area included in the major and 12 credits shall be at the upper-division level.

Aside from completing requirements for the major, students shall earn 39 credits of general education course requirements, as required for the degree and shall choose electives from other academic areas, so that the total number of credits earned will be at least 120.

Once a student decides to pursue this major, he/she contacts or is referred to the adviser for interdisciplinary studies. Under advisement, the student will design a major plan of courses for a major and for electives. This plan may include as many as 9 credits in life experience toward the major area.

The plan will then be presented to the division chairs or representatives of selected major disciplines for their approval.

The student should retain one copy of the major plan; one will be given to the adviser; and one will be forwarded to the Office of the Registrar.

The concentrations that follow represent established models of interdisciplinary study. They are not meant to be inclusive. In consultation with the adviser for interdisciplinary studies, the student may develop an interdisciplinary studies program with concentrations tailored to his/her interests and career aspirations.

GENERAL SCIENCE CONCENTRATION

The interdisciplinary science major was designed to provide a broad background in science for those students interested in teaching at the elementary level. Elementary teachers are expected to teach a broad spectrum of science topics including biology, chemistry, physics and earth science. Course work in each of these disciplines is included as part of the major. Students who complete this major will also be prepared to serve as science coordinators at the elementary level.

Students who are majoring in general science are assigned two advisors: one from the Division of Natural Science and one from the Division of Education.

Program Requirements for the Interdisciplinary-General Science Major

ONE YEAR OF BIOLOGICAL PRINCIPLES

BIO 1130 - Biological Principles I	4 cr.
BIO 1140 - Biological Principles II	4 cr.

ONE YEAR OF CHEMICAL PRINCIPLES

CHM 1510 - Chemical Principles I	4 cr.
CHM 1520 - Chemical Principles II	4 cr.

ONE YEAR OF PHYSICS

PHY 1010 - Introductory Physics I and PHY 1020 - Introductory Physics II	4 cr.
or PHY 2010 - General Physics I and PHY 2020 - General Physics II	4 cr.

NATURAL SCIENCE SEMINAR (BIO/CHM)

BIO 3910 - Natural Science Seminar I	1 cr.
BIO 3920 - Natural Science Seminar II	2 cr.
BIO 4900 - Natural Science Seminar III	1 cr.
or	
CHM 3910 - Natural Science Seminar I	1 cr.
CHM 3920 - Natural Science Seminar II	2 cr.
CHM 4900 - Natural Science Seminar III	1 cr.

PLUS: CHOOSE AN OPTION**Option 1**

CHM 2010 - Organic Chemistry I	4 cr.
CHM 2020 - Organic Chemistry II	4 cr.
and two other science courses with laboratory numbered 200 and above.	
Option 2	
CHM 2010 - Organic Chemistry I	4 cr.
CHM 2020 - Organic Chemistry II	4 cr.
AST 1100 - Introductory Astronomy	3 cr.
and one other science course with laboratory numbered 200 and above.*	

Option 3

CHM 1060 - Introductory Chemistry II	4 cr.
and three science courses with laboratory numbered 200 and above.	

DIRECTED, BUT NON-MAJOR COURSES

ERS 1030 - Introductory Earth Science I	3 cr.
ERS 1040 - Introductory Earth Science II	3 cr.

MATH COMPETENCY THROUGH

MTH 1400 - Elementary Functions	3 cr.
plus	
MTH 2070 - Elementary Statistics	3 cr.
or	
MTH 2510 - Analytic Geometry and Calculus I	4 cr.

Note * Twelve (12) credits of upper level science courses must be completed at MSMC.

Recommended Course Sequence**Freshman****FALL**

BIO 1130 - Biological Principles I	4 cr.
CHM 1510 - Chemical Principles I	4 cr.
ENG 1010 - College Writing	3 cr.
PSY 1010 - General Psychology	3 cr.
MTH 2070 - Elementary Statistics	3 cr.
Philosophy (Logic or Intro)	

SPRING

BIO 1140 - Biological Principles II	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
PSY 3010 - Child Psychology	3 cr.
ENG 1020 - Forms of Literature	3 cr.
ED 2051 - Orientation to Teaching	1 cr.
+ 10 hours field work	

Sophomore**FALL**

CHM 2010 - Organic Chemistry I	4 cr.
or	
Other science	4 cr.
BIO/CHM(Upper Level)	4 cr.
or	
AST 1100 - Introductory Astronomy	3 cr.
PSY 3401 - Psychology of Exceptional Learners	3 cr.
HIS (100 Level)	3 cr.
+ 30 hours of field work	

SPRING

CHM 2020 - Organic Chemistry II	4 cr.
or	
CHM 1060 - Intro Chemistry II	4 cr.
AST 1100 - Introductory Astronomy 3 cr.	
+ 30 hours of field work.	

Junior**Fall**

PHY 1010 - Intro Physics I	4 cr.
ERS 1030 - Intro Earth Science I	3 cr.
Language Elective	3 cr.
+ 30 hours of field work	
BIO 3910 - Natural Science Seminar I	1 cr.

Spring

PHY 1020 - Introductory Physics II	4 cr.
ERS 1040 - Introductory Earth Science II	3 cr.
PSY 3301 - Managing Behavior in Special Education or Mainstreamed Settings	3 cr.
MTH 2070 - Elementary Statistics	3 cr.
OR	
MTH 2510 - Analytic Geometry and Calculus I	4 cr.
+ 30 hours of field work.	
BIO 3920 - Natural Science Seminar II	2 cr.

NOTE: The required Natural Science Seminars BIO 3910, BIO 3920, and BIO 4900 are cross listed at CHM 3910, CHM 3920, and CHM 4900.

Senior**FALL**

ED 4011 - Student Teaching in the Elementary School	9 cr.
ED 4030 - Workshop in Health Education	0 cr.
ED 4240 - Integrative Fieldwork	3 cr.
Foundations Elective	
BIO 4900 - Natural Science Seminar III	1 cr.
<i>(Course may also be taken during the spring semester)</i>	

SPRING

PHL/REL Foundation	
Art or Music Elective	
Social Sciences Course	
+ 10 hours of field work	
BIO 4900 - Natural Science Seminar III	1 cr.
<i>(Course may also be taken during the fall semester)</i>	

Total: 125 cr. or 126 cr.

NOTE: The above is a **recommended** sequence and some care must be taken in scheduling upper level courses since they are not offered every year.

INTEGRATED MARKETING COMMUNICATION CONCENTRATION

Integrated Marketing Communication is an interdisciplinary studies concentration, combining business, communication arts and computer science courses. It is designed to help students gain the capability to coordinate and integrate the many ways that organizations communicate with stakeholders. Students develop the skills to prepare and implement communication campaigns as well as the ability to formulate persuasive messages in the most appropriate channels.

Program Requirements for the Integrated Marketing Communication Concentration

BUS 1010 - Introduction to Management	3 cr.
BUS 1020 - Marketing Principles	3 cr.
BUS 2080 - International Marketing	3 cr.
BUS 3080 - Introduction to International Business	3 cr.
BUS 3150 - Organizational Behavior	3 cr.
BUS 3170 - Electronic Commerce	3 cr.
BUS 4030 - Marketing Management	3 cr.
CMA 2050 - Introduction to Public Relations	3 cr.
CMA 2310 - Newswriting	3 cr.
or	
CMA 3100 - Writing for the Mass Media	3 cr.
or	
CMA 3210 - Writing for Public Relations	3 cr.
CMA 3120 - Management Communications	3 cr.
CMA 4080 - Advertising	3 cr.
CMA 4090 - Case Studies in Public Relations	3 cr.
CMA 4130 - Integrated Marketing Communication Seminar	3 cr.
CIT 2050	
and	
CIT 3550 - Web Page and Web Site Design	3 cr.
CIT 3700 - Systems Analysis and Design	3 cr.

Note Within the General Education courses, the following courses are required:

CIT 1150	
MTH 2070 - Elementary Statistics	3 cr.
PHL 3120 - Business Ethics	3 cr.

INTERNATIONAL STUDIES CONCENTRATION

International Studies is an interdisciplinary studies concentration that draws upon existing majors in business management and administration, history and political science, in addition to concentrations in foreign cultures, to total 33-40 credits. The following are recommended courses for the student who wishes to design his/her own concentration in the area of international studies:

Program Requirements for International Studies Concentration

BUS 1010 - Introduction to Management	3 cr.
BUS 1020 - Marketing Principles	3 cr.
BUS 2080 - International Marketing	3 cr.
BUS 3080 - Introduction to International Business	3 cr.
BUS 4200 - International Advertising and Promotion	3 cr.
HIS 4160 - American Foreign Relations - 20th Century	3 cr.
POS 4400 - Special Topics	3 cr.
Foreign Language/Culture	12 cr.

LIBERAL STUDIES CONCENTRATION

A student who wishes to pursue a specific topic or theme that crosses disciplinary lines and for which there is no formal major at the college may choose to major in interdisciplinary studies. Any topic for which there are sufficient courses in the catalog to meet the requirements of the major may form the basis for an interdisciplinary major.

The interdisciplinary studies major shall consist of no fewer than 33 and no more than 48 credits. These credits shall be distributed in at least two and not more than three academic areas. There shall be no fewer than 9 credits in any area included in the major and 12 credits shall be at the upper-division level.

Aside from completing requirements for the major, students shall earn 39 credits of general education course requirements, as required for the degree and shall choose electives from other academic areas, so that the total number of credits earned will be at least 120.

Once a student decides to pursue this major, he/she contacts or is referred to the adviser for interdisciplinary studies. Under advisement, the student will design a major plan of courses for a major and for electives. This plan may include as many as 9 credits in life experience toward the major area.

The plan will then be presented to the division chairs or representatives of selected major disciplines for their approval.

The student should retain one copy of the major plan; one will be given to the adviser; and one will be forwarded to the Office of the Registrar.

The concentrations that follow represent established models of interdisciplinary study. They are not meant to be inclusive. In consultation with the adviser for interdisciplinary studies, the student may develop an interdisciplinary studies program with concentrations tailored to his/her interests and career aspirations.

SELF-DESIGNED CONCENTRATION

A student who wishes to pursue a concentration that is more focused and intentional than the concentration in liberal studies may develop a self-designed concentration. The focus of the concentration will be noted on the student's transcript. A self-designed concentration allows a student to lay out a series of courses in advance that are integrated around a particular theme and that cross the lines among disciplines and existing programs. A self-designed concentration must be approved by the interdisciplinary studies coordinator before a student has completed 67 credit hours. The student must contact his or her advisor to design a plan of study which includes courses for a major and electives.

The interdisciplinary studies major shall consist of no fewer than 34 and no more than 48 credits. These credits shall be distributed in at least two and not more than three major disciplines of study. There shall be no fewer than 9 credits in any major discipline of study included in the major and 12 credits shall be at the upper division level. To integrate the disciplines in the program into a meaningful interdisciplinary major, students are required to complete INT 4900 Interdisciplinary Capstone: Portfolio (1 credit hour); students are also strongly advised to complete INT 4991, 4992 or 4993, and an Interdisciplinary Capstone Independent Study for 1, 2, or 3 credit hours.

Aside from completing requirements for the major, students shall earn 39 credits of general education course requirements, as required for the degree. This plan may include as many as 9 credits in life experience toward the major area. Students shall choose electives from other academic areas, so that the total number of credits earned will be at least 120.

The plan will then be presented to the division chairs or a faculty member designated by the division chair of the selected major disciplines for their approval.

The student should retain one copy of the major plan; one will be given to the advisor; and one will be forwarded to the Office of the Registrar.

The concentrations that follow represent established models of interdisciplinary study. They are not meant to be inclusive. In consultation with the advisor for interdisciplinary studies, the student may develop an interdisciplinary studies program with concentrations tailored to his/her interests and career aspirations.

INTERDISCIPLINARY STUDIES - TECHNOLOGY AND DIGITAL MEDIA

The technology and digital media interdisciplinary concentration will allow students to develop creative skills based upon a solid theoretical foundation and technical and conceptual expertise with a focus on hands-on experience in production skills. The program will include courses in hardware and software, networking, digital imaging, digital film, non-linear editing, interactive web design, and digital illustration. Students with this major will graduate with the skills necessary to succeed in careers, graduate school, or both. To gain hands-on experience in a real world environment, students will be required to complete an internship relevant to their career goals.

Program Requirements (48 credits)

CMA 2020 - Mass Media and Communication Gateway Course: C or better required	3 cr.
CMA 2045 - Fundamentals of Television Production	3 cr.
CMA 2165 - Introduction to Non-Linear Editing	3 cr.
CMA 3000 - Introduction to Audio Production	3 cr.
CMA 3090 - Digital Video Production I	3 cr.
CMA 4150 - Media: Problems and Practices	3 cr.
OR	
PHL 3060 - Philosophy and Technology	3 cr.
CIT 1100 - Fundamentals of Computing Gateway Course: C or better required	3 cr.
CIT 1900 - Internet Programming	3 cr.
CIT 2060 - Presentation Media	3 cr.
CIT 2300 - Networking	3 cr.
CIT 2550 - Introduction to Programming	3 cr.
CIT 3400 - Web Site Management	3 cr.
CIT 3650 - Computer Operation and Management	3 cr.
CIT 4650 - Technology Studio	3 cr.
Elective course in either CIT or CMA at the 2100 level or above. Required 3 cr. Internship: Either	
CMA 4850 - Internship	3 cr.
OR	
CIT 4850/4860/4870/4880 - Computer Internship	3, 6, 9, 12 cr.

Suggested supporting electives

ART 1600 - 2-D Design Fundamentals	3 cr.
ART 1700 - Graphic Design Principles I	3 cr.
ART 2110 - Dynamics of Color and Design	3 cr.
ART 2200 - Design in Visual Communication	3 cr.
ART 2750 - Digital Animation I	3 cr.
ART 2800 - Digital Photography	3 cr.
ART 3550 - Web Page and Web Site Design	3 cr.
ART 3600 - Digital Animation II	3 cr.
ART 3800 - Digital Photography II	3 cr.

MATHEMATICS, BA

Mathematics courses are designed to engender general interest and professional competence in the field. They will prepare students who wish to become professional mathematicians or use mathematical concepts in their own field of study. Students majoring in mathematics may also qualify for certification in childhood or adolescence education. An appropriate selection of courses will provide the background and skills requisite for mathematical applications in the sciences, social sciences and business areas. The demands of a technological society present many career opportunities for qualified students who can interpret and implement computer-based information.

Proficiency in fundamental mathematical skills is a prerequisite for all science courses and credit-bearing math courses. A mathematics proficiency examination will be given to the students before registration for these courses. The score on that examination, along with SAT scores and high school performance, will be used to determine the level of the student's mathematical skill. The level of proficiency expected and the passing score will be stated for each examination. Each science or mathematics course lists the level of mathematics proficiency required to enter the course. Those students judged to be deficient in mathematical skills must remedy the deficiency or obtain the permission of the appropriate department to enter the above mentioned course.

Program Requirements for Mathematics Major

MTH 2510 - Analytic Geometry and Calculus I	4 cr.
MTH 2520 - Analytic Geometry and Calculus II	4 cr.
MTH 2530 - Analytic Geometry and Calculus III	4 cr.
MTH 2650 - Fundamentals of Mathematical Reasoning	3 cr.
MTH 3010 - Probability and Mathematical Statistics	3 cr.
MTH 3060 - Linear Algebra	3 cr.
MTH 4040 - Coordinating Seminar	3 cr.
MTH 4050 - Modern Abstract Algebra	3 cr.

A minimum of 9 additional credits in mathematics courses numbered MTH 2200 or above or CIT 3250, CIT 1900 or CIT 2550 including at least one mathematics course on the 3000 or 4000 level.

Note: Elementary or childhood education students may take MTH 2050 and MTH 2060 toward the 9 credit electives. Students pursuing certification in adolescent education are required to take either MTH 4020 or MTH 4031

Students preparing for a career in applied mathematics are encouraged to take up to 6 credits in a related area (e.g. PHY 2010, PHY 2020, BUS 1010 BUS 1020, or ECO 1010 ECO 1020.) A student planning to qualify to teach at the elementary or secondary level follows a similar program with appropriate requisites for certification and subject to advisement.

MATHEMATICS MINOR

A minor in mathematics requires 21 credits in mathematics courses including

MTH 2510 - Analytic Geometry and Calculus I	4 cr.
MTH 2520 - Analytic Geometry and Calculus II	4 cr.
MTH 2530 - Analytic Geometry and Calculus III	4 cr.
9 additional credits in mathematics courses numbered MTH 2200 or above.	

NURSING, BS

The courses in nursing are designed for students who wish to major in nursing. Courses in health (Pharmacology and Nutrition) are open to non-nursing majors on a “space-available” basis. The program leads to the bachelor of science degree with a major in nursing. The program is accredited by the Commission on Collegiate Nursing Education. For further information about CCNE accreditation status, contact: CCNE, One Dupont Circle, NW, Suite 530, Washington, D.C. 20036. Graduates apply to take the licensure exam for registered nursing (NCLEX-RN) upon satisfactory completion of the program.

Grade Point Average (GPA) and Credit Requirement for Prospective Nursing Students

Students who intend to major in nursing must have successfully completed high school courses in biology and chemistry. Any matriculated student not meeting admission requirements to nursing must take a minimum of fifteen (15) credits at Mount Saint Mary College and achieve a Grade Point Average (GPA) of 2.75 or better before applying for a change of major to nursing. Students without high school courses in biology and chemistry must take BIO 1110, General Biology or BIO 1030, Anatomy and Physiology 1, among the 15 credits required to change major to nursing.

Students have until July 20 the year after the year of admission into the nursing program to complete BIO 1030, BIO 1040, CHM 1050, and CHM 1060 with a C or higher in order to maintain a GPA of 2.75 or higher; this is required for all nursing students to continue on in the program. Students may not register for NUR or HLT courses if the prerequisites for the course has not been met.

Program Requirements for Nursing Major General Education and Support Courses

Nursing students must complete a minimum of 120 credits including the following general education and support courses:

BIO 1030 - Human Anatomy and Physiology I	4 cr.
BIO 1040 - Human Anatomy and Physiology II	4 cr.
BIO 2020 - Microbiology	4 cr.
BIO 3030 - Pathophysiology	3 cr.
CHM 1050 - Introductory Chemistry I	4 cr.
CHM 1060 - Introductory Chemistry II	4 cr.
PSY 1010 - General Psychology	3 cr.
PSY 3050 - Developmental Psychology	3 cr.
SOC 1010 - Introduction to Sociology	3 cr.
MTH 2070 - Elementary Statistics	3 cr.
PHL 3670 - Medical Ethics	3 cr.

Note Students must fulfill all college general education distribution requirements as stated elsewhere in this catalog. Liberal arts and science courses required for the nursing major may be used to fulfill general education requirements.

The following nursing and health courses are required for the nursing major

NUR 2024 - Nursing Skills	4 cr.
NUR 2043 - Physical Assessment	3 cr.
NUR 3001 - Foundations of Nursing Research	3 cr.
NUR 3012 - Adult Health Nursing I	7 cr.
NUR 3022 - Adult Health Nursing II	4 cr.
NUR 3040 - Nursing Care of the Childbearing Family	4 cr.
NUR 3051 - Mental Health Nursing	4 cr.
NUR 4010 - Nursing Care of Children	4 cr.
NUR 4020 - Community Health Nursing	4 cr.
NUR 4051 - Complex Health Nursing	7 cr.

NUR 4060 - Professional Nursing: Issues and Trends	3 cr.
HLT 3010 - Normal and Therapeutic Nutrition	3 cr.
HLT 3040 - Pharmacology	3 cr.

NOTE: Free electives are selected primarily from upper level liberal arts and sciences.

Additional Information

All baccalaureate and master's level programs at Mount Saint Mary College are accredited by the Commission on Collegiate Nursing Education (CCNE) and meet New York State Department of Education regulations.

Licensed Practical Nurse (LPN) applicants to the nursing program at Mount Saint Mary College must be graduates of an accredited LPN program. Qualified LPNs are admitted to the single undergraduate nursing curriculum offered by Mount Saint Mary College. Students may be granted advanced standing after evaluation of college transcripts and satisfactory performance on proficiency examinations in nursing. Applicants should consult the Division of Nursing for details of the requirements for advanced standing.

Nursing and Health Courses

Nursing students must attain a minimum grade of C in all natural science courses and C+ in NUR and HLT courses for the grade to apply toward nursing degree requirements. Please note that grades of C-, D+, and D will not be accepted for transfer credit into the Division of Nursing. In order to enter into the 200 level nursing courses as nursing majors, all students must complete all required courses in Anatomy and Physiology and Chemistry with a C or better, pass and PSY 1010 and SOC 1010 and maintain a GPA of 2.75 or greater to be in good standing within the Division of Nursing. These courses must be completed by July 20 at the end of the first year of admission to either enter with a change of major (with space available) or for nursing majors to stay in nursing.

Nursing students may not register for NUR or HLT courses if the prerequisite for the course has not been met. Nursing students receiving less than the required grade of C in natural science courses and less than a C+ in NUR and HLT course must confer with their academic advisor and arrange to repeat such course as soon as possible.

Nursing students are permitted a maximum of one (1) NUR or HLT course repetition for the entire undergraduate nursing program. Any student who earns a grade of less than C+ (76 percent) in any NUR or HLT course may repeat the course one time. **Such repetition may only occur once. If the student earns a grade of less than C+ in a second NUR or HLT course, the student will be dismissed from the nursing program. Students who fail the clinical or college laboratory component of a required NUR course will receive a grade of F for the final grade.**

Clinical Nursing Course Requirements

Nursing Students must demonstrate proficiency in clinical calculations each clinical semester. Such proficiency is a requirement for attending clinical learning experiences. Nursing majors enrolled in clinical nursing courses must have a current American Heart Association Basic Life Support for Healthcare Providers course completion. Students are also required to have a background check, an annual health exam with required PPD and immunization documentation including serum titers, flu vaccines, and drug testing. Students are strongly encouraged to complete the Hepatitis B series before beginning clinical courses; students who do not complete this immunization must sign a statement of declination. (The availability of clinical sites throughout the nursing program may be limited for any student without Hepatitis B series completion or flu vaccine.) All health forms must be completed and submitted to Health Services by July 1 each year. These requirements are subject to change or modification at any time.

Nursing Leave of Absence

All matriculated nursing students who are planning a leave of absence (LOA) for personal reasons that will cause an interruption of their required course work must complete and file a Leave of Absence form with the Division of Nursing. All leaves must be approved by both the student's academic advisor and the Division of Nursing Chair. **In order to return to the nursing program without academic penalty, the student must be in good academic standing, according to the nursing standards stated above, at the time of leave approval and the leave of absence should not**

exceed the time period of one year. In the event the LOA exceeds one year, the student will need to meet with the Division of Nursing Chair and appropriate faculty to determine the possibility of readmission.

RN-BS PROGRAM

MSMC offers a baccalaureate of science in nursing degree program for registered nurses (RNs) that graduated from an accredited nursing program. Each nurse must hold a valid RN license in the United States. The RN-BS program is provided on-line with minimal residency. There are 135 hours of clinical/preceptorship experiences in Community Nursing and professional development that is vital to the rigor and learning outcomes for any baccalaureate nursing program. These meet both NYS Dept. of Ed and CCNE requirements for accreditation. There is a three-day residency for Physical Assessment where the nurse will work with faculty and other nurses in the Learning Center on campus to hone their knowledge, skills and attitudes toward Physical and Health Assessment. On-campus housing will be available for a nominal fee those who require it.

RN to BS course requirements

NUR 3007 - Registered Nursing	Credits: (30)
NUR 3006 - Bridge to Foundations of Nursing Practice	3 cr.
NUR 4212 - RN Seminar: Adult Care	1 cr.
NUR 4222 - RN Seminar: Maternal-Child Health Nursing	1 cr.
NUR 4233 - RN Seminar: Mental Health Nursing	1 cr.
NUR 3030 - Pathophysiology For RN's	3 cr.
NUR 2045 - Physical Assessment for RNs	3 cr.
HLT 3041 - Pharmacology For RN's	3 cr.
NUR 4061 - Professional Nursing: Issues and Trends	4 cr.
NUR 4020 - Community Health Nursing	4 cr.
HLT 3011 - Normal and Therapeutic nutrition for RNs	3 cr.
NUR 3002 - Foundations of Nursing Research for RNs	3 cr.

Core/General Education requirements

REQUIRED SCIENCE COURSES

BIO 1030 - Human Anatomy and Physiology I	4 cr. *
BIO 1040 - Human Anatomy and Physiology II	4 cr. *
BIO 2020 - Microbiology	4 cr. *
Chemistry	4 cr. **

SOCIAL SCIENCES

SOC 1010 - Introduction to Sociology	3 cr. *
PSY 1010 - General Psychology	3 cr. *
PSY 3050 - Developmental Psychology	3 cr.
History	3 cr.

ARTS AND LETTERS

ENG 1010 - College Writing	3 cr. *
ENG 1020 - Forms of Literature	3 cr. *
An additional course in ENG, CMA, or ART, MUS, THR, or a foreign language	
A course in ART, MUS, THR, or a foreign language	

MATH AND COMPUTER SCIENCE

MTH 2070 - Elementary Statistics	3 cr. ***
CIT 1002 - Online Computer Competency	3 cr. ***
or	
CIT 1052 - Computer Literacy	3 cr. ***

PHILOSOPHY AND RELIGIOUS STUDIES

PHL 1020 - Logic	3 cr.
or	
PHL 1030 - Introduction to Philosophy	3 cr.
or	
PHL 2100 - General Ethics	3 cr.
PHL 3670 - Medical Ethics	3 cr.
One additional course in Philosophy or Religious Studies	

NOTE * Course is required prior to program entry ** Course is required prior to enrollment in HLT 3010
*** Course is required prior to enrollment in NUR 3001

ELECTIVES

An additional six credits of elective coursework is required to complete the 120 credit Bachelor of Science degree.

PHILOSOPHY

Although there is no major in philosophy, its broad range of electives should fill the needs of the inquiring student.

Students taking courses in philosophy will find themselves confronted with some of the great questions that assail the thinking person. Insights and theories formulated by major philosophers of the Western and Eastern intellectual traditions are examined and the basic skills of philosophical thought are mastered. It is the aim of the Division of Philosophy and Religious Studies to teach each student to philosophize.

The general education requirement in philosophy may be filled by any philosophy course except Independent Study.

No student may apply more than three credits at the 1000 level toward the degree.

MINOR IN PHILOSOPHY

The division offers a minor in philosophy consisting of 18 credits; at least 15 credits must be beyond 1000 level. The student should plan a minor program with a member of the division. The program must meet the following requirements:

- at least 3 credits at the 2000 level;
- at least 3 credits at the 3000 level;
- at least 3 credits at the 4000 level.

POLITICAL SCIENCE

MINOR IN POLITICAL SCIENCE

Students who minor in political science must take 18 credits. Three credits in history may be used to complete the minor; at least 9 of the remaining credits must be in courses numbered 3000.

PRE LAW: UNDERGRADUATE EDUCATION AT THE MOUNT IN PREPARATION FOR LAW SCHOOL

The American Bar Association does not recommend any undergraduate majors or group of courses to prepare for a legal education. Students are admitted to law school from almost every academic discipline. You may choose to major in subjects that are considered to be traditional preparation for law school, such as history, history/political science, English, communications, or business, or you may focus your undergraduate studies in areas as diverse as science and mathematics, computer science, nursing or education. Mount students who have successfully attended law school have included students with degrees in areas such as accounting, history/political Science, psychology, public relations, and business. Whatever major you select, you are encouraged to pursue an area of study that interests and challenges you, while taking advantage of opportunities to develop your research and writing skills. Taking a broad range of difficult courses from demanding instructors is excellent preparation for legal education.

The American Bar Association has identified a set of core skills essential for the study of law, which include:

- Analytic/Problem solving skills
- Critical reading skills
- Strong writing skills
- Skills in both oral communication and listening
- General research skills
- Time management and organization skills

Mount Saint Mary College offers a range of courses that will help you prepare to study law, regardless of your major.

Courses that develop skills useful for law school include:

- Accounting
- Economics
- Public Speaking
- Argumentation and Persuasion
- Literature
- Logic

Courses about law, the legal system, and the history and philosophy on which it is based, include:

- American State and Local Government
- The United States Constitution and Supreme Court
- Political Thought
- Modern American Legal History
- Philosophy of Law
- Ethics
- Law and Society
- Business Law

While these courses can be taken by students majoring in any discipline, combining a major in History/Political Science or Business with a minor in Philosophy will incorporate many of the courses listed above.

In addition, The Career Center can assist you in identifying and applying for internships in a variety of settings related to the legal profession.

PRE-PHYSICAL THERAPY

Modern physical therapists are prepared to treat patients ranging in age from infants to the elderly. Their work is performed in settings as diverse as outpatient clinics, schools, and specialized departments within hospitals. Within these settings, physical therapists assist patients in dealing with problems such as orthopedic maladies (neck and back pain, the rehabilitation of joints following corrective surgery and assisting patients in pain reduction and increased mobility) and aiding patients in regaining an acceptable quality of life (the result of developmental abnormalities, disease, severe accidents, heart attacks, or strokes). Within the context of today's health care system, physical therapists are specialized in examining and treating individuals with impairment of their daily lives, the result of musculoskeletal and neuromuscular problems. To prepare for the demands of such a profession students must attend a postgraduate program of physical therapy and upon the successful completion of that program they are required to pass a national examination and be licensed in the state in which they wish to practice.

Pre-Physical Therapy at Mount Saint Mary College

The pre-physical therapy program at Mount Saint Mary College is designed to prepare students for admittance into postgraduate programs in physical therapy. This program is a distinctive blend of courses in the life and physical sciences, while also including courses in psychology, other social sciences, and the humanities. Along with their course work, students are required to obtain experience in a variety of physical therapy settings. The assortment of courses taken in the sciences provides the student with the knowledge and skills necessary to successfully complete a graduate program in physical therapy.

The Pre-Physical Therapy Program offered at Mount Saint Mary College consists of two tracks leading to a bachelor of arts in biology or psychology from the Mount and a doctorate in physical therapy (D.P.T.) from New York Medical College (NYMC). The typical program for most students will be a 4 + 3 program. In this program, students will complete their bachelor's degree either in biology or psychology, while taking the prerequisite courses for entrance into the physical therapy program at NYMC. Upon meeting the requirements of the program, candidates will make application to NYMC. After successful completion of the program, students will be awarded a DPT from NYMC.

Through a special agreement with NYMC those students whose academic performance is outstanding can apply for admissions to NYMC after attending only three years at the Mount. Upon the completion of the first year at NYMC the student will be awarded a bachelor's degree from Mount Saint Mary College. After completing the program at NYMC the student will be awarded a DPT from NYMC.

Program Requirements for Pre-Physical Therapy

The following prerequisite courses are taken during the first three years of study at Mount Saint Mary College and represent the minimum prerequisites for entrance into NYMC:

Three courses in biology, including human anatomy and physiology

Two courses in chemistry (with lab)

Two courses in physics (with lab)

Two courses in psychology of which one must be general or introductory psychology

One course in mathematics

One course in statistics

To be eligible for our special admissions agreement with NYMC, students must earn a minimum overall GPA of 3.0 in their freshman year and after the completion of 50 credits the student's GPA should be a 3.2 or higher. At the time of application, the minimum GPA in prerequisite courses must be a 3.0. Throughout the course of the program a student is only permitted to earn one (1) grade lower than a B-. All remaining courses must be B's or higher. Students must also demonstrate computer literacy and have acquired 50 hours of on-site volunteer observational experience in a physical therapy setting, of which 20 hours must be in an acute care/hospital environment. Candidates must also be certified in first aid and cardiopulmonary resuscitation. After these requirements are met, the student then applies and interviews for admission into the Physical Therapy Program at New York Medical College.

PRE-PHYSICAL THERAPY/BIOLOGY, BA/D.P.T.

Biology – Pre-Physical Therapy, Recommended Course Sequence 4 +3

Freshman

FALL

ENG 1010 - College Writing	3 cr.
BIO 1030 - Human Anatomy and Physiology I	4 cr.
CHM 1510 - Chemical Principles I	4 cr.
MTH 2510 - Analytic Geometry and Calculus I	4 cr.

SPRING

ENG 1020 - Forms of Literature	3 cr.
BIO 1040 - Human Anatomy and Physiology II	4 cr.
CHM 1520 - Chemical Principles II	4 cr.
MTH 2520 - Analytic Geometry and Calculus II	4 cr.

Sophomore

FALL

BIO 2040 - Genetics	4 cr.
CHM 2010 - Organic Chemistry I Foundations/Elective	4 cr.
PSY 1010 - General Psychology	3 cr.
	3 cr.

SPRING

CHM 2020 - Organic Chemistry II	4 cr.
PSY 4250 - Abnormal Psychology Foundations/Elective	3 cr.
	3 cr.
BIO 2080 - Principles of Microbiology	4 cr.

Junior

FALL

Biology (BIO)	4 cr.
PHY 2010 - General Physics I	4 cr.
Psychology (PSY)	
MTH 2070 - Elementary Statistics	3 cr.
Foundations/Elective	3 cr.
BIO 3910 - Natural Science Seminar I	1 cr.

SPRING

Biology (BIO)	4 cr.
PHY 2020 - General Physics II	4 cr.
BIO 3920 - Natural Science Seminar II	2 cr.
Foundation/Electives	6 cr.

Senior

FALL

Biology (BIO)	4 cr.
Foundation/Elective(s)	11 cr.

BIO 4900 - Natural Science Seminar III	1 cr.
(May also be taken during Spring Semester)	

Spring

Biology (BIO)	4 cr.
BIO 4900 - Natural Science Seminar III	1 cr.
(May also be taken during Fall Semester)	
Foundation/Elective(s)	9 cr.

Please refer to catalog listing for the Biology Major for a complete listing of requirements for the major.

PRE-PHYSICAL THERAPY/PSYCHOLOGY, BA/DPT

Program Requirements for Pre-Physical Therapy

The following prerequisite courses are taken during the first three years of study at Mount Saint Mary College and represent the minimum prerequisites for entrance into NYMC:

Three courses in biology, including human anatomy and physiology

Two courses in chemistry (with lab)

Two courses in physics (with lab)

Two courses in psychology of which one must be general or introductory psychology

One course in mathematics

One course in statistics

To be eligible for our special admissions agreement with NYMC, students must earn a minimum overall GPA of 3.0 in their freshman year and after the completion of 50 credits the student's GPA should be a 3.2 or higher. At the time of application, the minimum GPA in prerequisite courses must be a 3.0. Throughout the course of the program a student is only permitted to earn one (1) grade lower than a B-. All remaining courses must be B's or higher. Students must also demonstrate computer literacy and have acquired 50 hours of on-site volunteer observational experience in a physical therapy setting, of which 20 hours must be in an acute care/hospital environment. Candidates must also be certified in first aid and cardiopulmonary resuscitation. After these requirements are met, the student then applies and interviews for admission into the Physical Therapy Program at New York Medical College.

Psychology – Pre-Physical Therapy, Recommended Course Sequence 4 + 3*

First Year

FALL

ENG 1010 - College Writing	3 cr.
PSY 1010 - General Psychology	3 cr.
BIO 1030 - Human Anatomy and Physiology I	4 cr.
Foundation	6 cr.

SPRING

ENG 1020 - Forms of Literature	3 cr.
PSY 3050 - Developmental Psychology	3 cr.
BIO 1040 - Human Anatomy and Physiology II	4 cr.
Foundation	6 cr.

Second Year

FALL

PSY 3060 - Biological Psychology	3 cr.
PSY 3030 - Personality and Adjustment	3 cr.
or	
PSY 3020 - Psychology of Learning	3 cr.
CHM 1050 - Introductory Chemistry I	4 cr.
Foundation	6 cr.

SPRING

MTH 2070 - Elementary Statistics	3 cr.
PSY 4250 - Abnormal Psychology	3 cr.
CHM 1060 - Introductory Chemistry II	4 cr.
Psychology (PSY) Elective** Foundation	

Third Year

FALL

PHY 1010 - Introductory Physics I	4 cr.
Psychology (PSY) Elective ** Foundation	
Foundation/Elective	3 cr.
Elective	

SPRING

PSY 4440 - Experimental Psychology	4 cr.
Psychology (PSY) Elective** Elective	6 cr.
PHY 1020 - Introductory Physics II	4 cr.

Fourth Year

FALL

PSY 4800 - Psychology Internship Seminar	1 cr.
PSY 4850/4860/4870/4880 - Internship in Psychology	3, 6, 9, 12 cr.
Biology (BIO) Elective Elective	6 cr.

SPRING

Elective	3 cr.
Elective	3 cr.
Elective	3 cr.
Elective	3 cr.

NOTE:* Required courses for the Psychology Major are listed here.

** PSY 3560 Drugs and Society, PSY 3450 Health Psychology, PSY 3530 Psychology of Motivation, and PSY 3000 Principles and Techniques for Interviewing and Counseling are recommended (but not required) electives for the student pursuing physical therapy as a career.

PRE-PODIATRY, BS/DPM

Program Requirements for Pre-Podiatry

Mount Saint Mary College (MSMC) offers a 3 + 4 (seven years) joint degree program in podiatry in conjunction with the New York College of Podiatric Medicine (NYCPM). The student completes the general education requirements for a BA in biology at the Mount in three years and after four years of professional studies at NYCPM earns a DP degree in podiatric medicine. After the successful completion of the first year of professional studies, 30 credits of course work will be transferred to the Mount, who will award the student a BA in biology.

In order to begin the professional portion of the program, the student must complete 90 credits and maintain a 3.0 Grade Point Average in all undergraduate course work and a 3.0 in the required math and science courses. The student must also: (1) submit a timely and satisfactory formal application to the New York College of Podiatric Medicine; (2) obtain official letters of recommendation; (3) obtain official MCAT scores at least equal to NYCPM's current minimum; and (4) achieve a satisfactory evaluation in a personal interview.

PRE-PROFESSIONAL

Pre-Dental, Pre-Medical, Pre-Veterinary

Choice of Major: No professional school requires a specific major of its applicants however they recognize the importance of a strong foundation in the natural sciences which includes biology, chemistry, physics and mathematics. The current "pre-med / pre - professional" curriculum offered at the college follows the course requirements recommended by the American Association of Medical Colleges (AAMC) and is similar to that offered by virtually all schools in the US.

It includes:

- A year of Freshman Chemistry with laboratory
- A year of Organic Chemistry with laboratory
- A year of Biology with laboratory
- A year of Physics with laboratory
- A year of English
- A year of Calculus or other advanced math classes, including Statistics

Although this course requirement can be met while pursuing any area of study at the college, they are embedded in the biology major. The Division of Natural Science is of the opinion that completion of requirements for a BA in biology best prepares the students for further studies in areas of their choosing. This is supported by a recent report "Scientific Foundations for Future Physicians" from the AAMC (Association of American Medical Colleges) and the Howard Hughes Medical Institute (HHMI), which recommended that medical and premedical education evolve from a static listing of courses to a dynamic set of competencies. <http://www.aamc.org/newsroom/pressrel/2009/090604.htm>

The competencies defined as the knowledge, skill, or attitude that enables an individual to learn and perform in medical practice included:

- Apply quantitative reasoning and appropriate mathematics to describe or explain phenomena in the natural world
- Demonstrate understanding of the process of scientific inquiry, and explain how scientific knowledge is discovered and validated.
- Demonstrate knowledge of basic physical principles and their applications to the understanding of living systems.
- Demonstrate knowledge of basic principles of chemistry and some of their applications to the understanding of living systems.
- Demonstrate knowledge of how biomolecules contribute to structure and function.
- Apply an understanding of the principles of how molecular and cell assemblies, organs, and organisms develop structure and carry out function.
- Explain how organisms sense and control their internal environment and how they respond to external change.
- Demonstrate an understanding of how the organizing principle of evolution by natural selection explains the diversity of life on earth.

All the competencies defined above are addressed in the Biology curriculum.

DEVELOPMENT OF PERSONAL ATTRIBUTES:

Academic and scientific accomplishments, while important, are not sufficient for entry into professional programs. A critical aspect is the development of physician – patient relationship. It is expected that the incoming students be altruistic and dutiful. Students are expected to be aware of community and public health issues and understand that there are several complex, non – biological causes that can result in poor health. While a commitment to making evidence-based decisions is required, it is also expected that the future professionals will make ethical decisions, based on compassion, respect and integrity <http://www.aamc.org/meded/msop/>.

In order to develop these attributes and achieve the academic and scientific accomplishments, all students designated as “pre-professional” will be expected to meet the following requirements.

PRE-PROFESSIONAL PROGRAMS – STUDENT RESPONSIBILITIES

Students declaring an interest in this concentration will be designated as pre-med / pre-professional and be tracked for progress throughout their academic career. The advisory committee will write a joint recommendation letter in support of a student’s candidacy only if student has met the criteria listed below.

Maintain an overall GPA of 3.4 the first year and then an average of 3.4 or better in science classes taken at the college, with a minimum grade of B - in each of the required science courses .

Be an active participant in the “Pre-Professional Club”. This would require an active participation in activities that demonstrate a commitment to leadership, altruism and dutifulness in the community. Students would be required to:

Develop, organize and implement community activities such as volunteering, talks and presentations

Volunteer in both clinical and non clinical settings

Be a mentor

Attend a minimum of four club meetings per year

Maintain a portfolio that documents both academic and non academic activities. Students will be responsible for updating it annually.

Set up an advisory committee in their junior year.

Meet with their academic advisor every semester to have a continued dialog about meeting goals and expectations.

Attend an orientation seminar during their first year at the college.

Undertake an independent project / research here at the college or at other institutions (optional but highly recommended).

Take the appropriate graduate entrance exam, MCAT, DAT, GRE, in the spring of their junior year.

Complete the appropriate application to the graduate school of choice in the summer of their junior year.

Initiate an interview with the Pre-professional Advisory Committee to discuss the application progress in the fall of their senior year.

Inform the Pre-professional Advisory Committee of the application outcome.

PSYCHOLOGY

Courses in psychology are designed to serve a number of purposes: to satisfy intellectual curiosity; to offer insights into human behavior, personal and social; to offer another dimension to the studies of those involved in education and nursing, in particular, and all disciplines in general; to prepare those choosing a major in psychology for graduate school and careers in the helping professions.

Program requirements for Psychology Major

Students with the baccalaureate degree in psychology have a firm foundation for entry-level careers in social service agencies, consumer advocacy, business (such as personnel work and organization development) and community improvement groups. In addition, the psychology degree constitutes strong preparation for graduate studies.

Students majoring in psychology must take a minimum of 35 credits with an average of C or better. They study a core of psychological disciplines including the following required courses:

PSY 1010 - General Psychology	3 cr.
PSY 3030 - Personality and Adjustment	3 cr.
or	
PSY 3320 - Psychology of Personality	3 cr.

PSY 3050 - Developmental Psychology	3 cr.
PSY 3060 - Biological Psychology	3 cr.
PSY 3210 - Psychological Statistics	3 cr.
PSY 4250 - Abnormal Psychology	3 cr.
PSY 4440 - Experimental Psychology	4 cr.
PSY 4800 - Psychology Internship Seminar	1 cr.
PSY 4850/4860/4870/4880 - Internship in Psychology	3, 6, 9, 12 cr.
PSY 4900 - Senior Research Seminar	3 cr.
plus two electives at the 3000 level or above.	

Additional Requirements

PSY 1010 (General Psychology) is a prerequisite for all courses numbered 2000 and above.

MINOR IN PSYCHOLOGY

Students wishing to minor in psychology (18 credits) must take PSY 1010 and 15 credits in courses numbered 2000 and above.

PUBLISHING, BA/MA

This dual/joint five-year program leads to a bachelor’s degree in English from Mount Saint Mary College and a master’s degree in publishing from Pace University. During their first three years, students take all their coursework at the Mount. In their senior year, students take two to three undergraduate courses per term at the Mount and two graduate courses per term at Pace. The fifth year of study is exclusively at Pace. For further information, contact the Mount’s Division of Arts and Letters.

RELIGIOUS STUDIES

MINOR IN RELIGIOUS STUDIES

The religious studies program affords students the opportunity to pursue studies in either religious studies or biblical studies, leading, if they so desire, to a minor in either of these areas. To minor in either religious studies or biblical studies, a student needs 18 credits, 12 in the selected minor area and 6 in the alternative area.

The religious studies curriculum provides an opportunity for a multi-faceted reflection on the religious dimension of the human experience. Students are introduced to the religious patterns of humanity in a worldwide perspective. The tradition of the Dominican Order includes “disputatio” (respectful dialogue) and the search for “veritas” (truth) in all disciplines. The concepts of the sacred work of “study,” one of St. Dominic’s Nine Ways of Prayer, is examined as the education philosophy of the founders of Mount Saint Mary College.

SOCIAL SCIENCES

The social sciences major is designed to give students wide exposure to the social sciences while concentrating in one particular discipline. The student may choose to concentrate his/her studies in history, history/political science, psychology or sociology and distribute the remaining credits over two other areas. In doing so the student receives a strong foundation in the theories, research techniques and analytical skills of one of the social sciences while developing an understanding of the relationship between this discipline and the other social sciences. This major is particularly useful to students who are interested in a childhood teaching or a social service career.

Program Requirements for Social Sciences Major

The student majoring in social sciences will complete a total of 39 credits. These credits must be distributed in a “21-9-9” sequence with 21 credits in one of the following areas of study: history,

history/political science, psychology or sociology. The remaining 18 credits must be distributed equally in two of the other three areas of study. History or history/political science may be chosen but not both. A minimum of 12 credits must be at the 3000/4000 level. In the case of a concentration in history/political science, a minimum of 9 credits should be taken in both history and political science. There is no minor in social sciences.

Students majoring in social sciences are required to maintain a cumulative average of C or better for the major.

Requirements

Social sciences majors who are pursuing childhood education certification must concentrate in history or history/political science. The following psychology courses required for teacher certification may not be used to fulfill their social science requirements in the major or general education:

PSY 2400 - Social Interaction for Multicultural Children and Youth	3 cr.
PSY 2551 - Language for Students with Developmental Disabilities	3 cr.
PSY 3010 - Child Psychology	3 cr.
PSY 3071 - Psychometrics for Teachers	3 cr.
PSY 3100 - Psychoeducational Assessment in Special Education	3 cr.
PSY 3301 - Managing Behavior in Special Education or Mainstreamed Settings	3 cr.
PSY 3360 - Content Enhancement for Adolescent Learners	3 cr.
PSY 3401 - Psychology of Exceptional Learners	3 cr.
PSY 3700 - Metacognitive and Social Support for Pupils with Disabilities	3 cr.

SOCIAL WORK BA/HUMAN SERVICES MSW

Students interested in social work may wish to pursue a dual/joint five-year program that would lead to a BA in human services, from Mount Saint Mary College, and an MSW in social work from Fordham University's School of Social Services. In this 3 + 2 Program, students spend the first three years at the Mount taking a combination of liberal arts courses designed to fulfill the general education requirement for a bachelor's degree and courses that fulfill the requirements for a human services major while, at the same time, establishing the student's eligibility for admission to the M.S.W. program at Fordham.

To be eligible for admission into the MSW program at Fordham, students must attain a 3.0 Grade Point Average during the three years at Mount Saint Mary College. All admission requirements must be completed by the end of the sixth semester. Students meeting these criteria must submit an application, which will be reviewed at Mount Saint Mary College by the Social Work Advisory Committee. If they recommend acceptance into the Fordham program, the Fordham University School of Social Services will then make a final decision on the application.

This accelerated program is competitive and there are a limited number of positions of entry into the professional phase at Fordham. Students, who do not gain admission into the professional program at Fordham during their third year, may remain at the Mount and complete the requirements for their BA degree. These students may apply to Fordham or other MSW programs for admission after completing their BA degree.

The following are the courses that must be taken during the first three years at Mount Saint Mary College in order for the student to be considered for acceptance into the Fordham MSW 3 + 2 Program:

Human Services:

SOC 1010 - Introduction to Sociology	3 cr.
PSY 1010 - General Psychology	3 cr.
HSR 2110 - Human Behavior and the Social Environment I	3 cr.
HSR 2250 - Human Behavior and the Social Environment II	3 cr.
HSR 2510 - Theory of Social Casework	3 cr.
SOC 2410 - Marriage and the Family	3 cr.

and 9 major elective credits.

ALSO 9 ELECTIVE CREDITS INCLUDING AT LEAST ONE DIVERSITY ELECTIVE:

SOC 3040 - Social Class, Power and Inequality	3 cr.
Or	
SOC 3110 - Hate Crimes	3 cr.
and additional credits from among the following courses:	
PSY 3000 - Principles and Techniques of Interviewing and Counseling	3 cr.
PSY 3010 - Child Psychology	3 cr.
PSY 3230 - Adolescent Psychology	3 cr.
PSY 3560 - Drugs and Society	3 cr.
PSY 4250 - Abnormal Psychology	3 cr.
Or	
PSY 4330 - Psych of Autism Spectrum Disorders	3 cr.
SOC 2320 - Social Problems	3 cr.
SOC 3260 - Aging and Society	3 cr.
Or	
SOC 4710 - Community Action	3 cr.
CRI 2210 - Violence in the Community	3 cr.
Or	
CRI 2250 - Victims of Crime	3 cr.
Or any other HSR elective including:	
PSY 3310 - Psychology of Death and Dying	3 cr.
Or	
PSY 4329 - Psych Addictions Across The Lifespan	3 cr.

Additional Information

To be eligible for admission into the MSW program at Fordham, students must attain a 3.0 Grade Point Average during the three years at Mount Saint Mary College. All admission requirements must be completed by the end of the sixth semester. Students meeting these criteria must submit an application, which will be reviewed at Mount Saint Mary College by the Social Work Advisory Committee. If they recommend acceptance into the Fordham program, the Fordham University School of Social Services will then make a final decision on the application.

This accelerated program is competitive and there are a limited number of positions of entry into the professional phase at Fordham. Students, who do not gain admission into the professional program at Fordham during their third year, may remain at the Mount and complete the requirements for their BA degree. These students may apply to Fordham or other MSW programs for admission after completing their BA degree.

SOCIOLOGY, BA

The study of sociology provides students with valuable information and techniques that are applicable to a myriad of professional careers. Students interested in careers in primary and secondary education, law, social work, health care, business, marketing, public service and higher education find considerable value in the sociological perspective. The courses offered within sociology attempt to meet the varied needs of the student body.

Hence, the three major goals of sociology are:

- To provide the student with an understanding of the sociological perspective and its universal application to human behavior;
- To provide the student with skills and knowledge needed for professional careers and/or graduate school; and
- To expose the student to the diverse orientations within the discipline of sociology.

Program Requirements for Sociology Major

Students majoring in sociology must take a minimum of 33 credits in the discipline and maintain a

cumulative average of C or better.

The student of sociology is required to complete the following courses

SOC 1010 - Introduction to Sociology	3 cr.
SOC 3040 - Social Class, Power and Inequality	3 cr.
SOC 3210 - Social Statistics	3 cr.
SOC 3410 - Race, Gender and Society	3 cr.
SOC 4070 - Social Theory	3 cr.
SOC 4110 - Quantitative and Qualitative Research Methods	3 cr.
SOC 4250 - Readings in Applied Social Research	3 cr.
12 elective credits.	

NOTE ANT 1000 may be used as credit toward the sociology major.
SOC 1010 is a prerequisite for all 2000, 3000 and 4000 level courses.

SOCIOLOGY MINOR

A student wishing to minor in sociology will be required to take 18 credits of sociology. At least 3 credits must be at the introductory level and, of the remaining 15 credits, at least 3 must be at the 2000 level.

SOCIOLOGY/CRIMINOLOGY

Criminology is the study and exploration of the varied aspects of crime including the process of defining crime; victimization and the response of the criminal justice system to that victimization; the response of society to crime, criminals, and victims; and, why people commit crime. Courses within the criminology concentration provide students with opportunity to explore these and many other aspects of the discipline.

Students who select the criminology concentration will complete a major in sociology. As part of that major, they will be required to take courses that provide them with an introduction to the discipline of criminology; an analysis of social problems in the United States; an examination of the creation of laws and reaction to crime by society; various aspects of criminal victimization; and, an exploration to crime, victimization, and criminal justice systems across the world.

The criminology concentration is designed to provide students with a general understanding of the discipline of criminology as well as provide them with the opportunity to explore many of the different and specific areas of focus for the discipline.

This concentration will prepare students for graduate programs and scholarly careers in sociology, criminology, and social deviance, as well as professional careers in corrections, law enforcement, youth programming, rehabilitation, victim services, insurance and financial fraud counseling, private investigation, and the judicial court system.

Program Requirements for Sociology/Criminology Major

Students who select the criminology concentration within the Sociology major will be required to complete required courses for the Sociology major (21 credits), and 24 additional credits (15 required and 9 elective) that specifically target the criminology concentration. Students must maintain a minimum Grade Point Average of 2.0.

Sociology/Criminology students are required to complete the following Sociology courses

SOC 1010 - Introduction to Sociology	3 cr.
SOC 3040 - Social Class, Power and Inequality	3 cr.
SOC 3210 - Social Statistics	3 cr.
SOC 3410 - Race, Gender and Society	3 cr.
SOC 4070 - Social Theory	3 cr.
SOC 4110 - Quantitative and Qualitative Research Methods	3 cr.

or	
HSR 4110 - Quantitative and Qualitative Research Methods	3 cr.
SOC 4250 - Readings in Applied Social Research	3 cr.
or	
HSR 4250 - Readings in Applied Social Research	3 cr.

In addition, students selecting the criminology concentration must complete

CRI 1110 - Introduction to Criminology	3 cr.
CRI 2250 - Victims of Crime	3 cr.
SOC 2320 - Social Problems	3 cr.
CRI 3130 - Comparative Criminology	3 cr.
CRI 3300 - Law and Society	3 cr.

Sociology/Criminology students will need to select 3 credits from the following

CRI 2210 - Violence in the Community	3 cr.
or	
SOC 2210 - Violence in the Community	3 cr.
CRI 3110 - Hate Crimes	3 cr.
or	
SOC 3110 - Hate Crimes	3 cr.
CRI 3310 - Conflict and Resolution	3 cr.
or	
SOC 3310 - Conflict and Resolution	3 cr.

Finally, Sociology/Criminology must select 6 credits from the following

CRI 2310 - History of Crime and Punishment in the U.S.	3 cr.
CRI 3150 - Juveniles and Crime	3 cr.
CRI 3160 - Deviance & Crime	3 cr.
CRI 3520 - Issues in Race, Class, & Crime	3 cr.
CRI 3550 - Women and Crime	3 cr.
CRI 4110 - Mental Illness, Crime, & the CJS	3 cr.
CRI 4400 - Special Topics in Criminology	3 cr.
CRI 4850/4860 - Criminology Internship	3,6 cr. SCH
CRI 4970/4980/4990 - Independent Study	1,2,3 cr. SCH
PSY 3560 - Drugs and Society	3 cr.
PSY 4250 - Abnormal Psychology	3 cr.
SCI 1001 - Forensic Science	3 cr.

THEATRE ARTS AND MUSIC

Theatre Arts

The aim of the courses in Theatre Arts is to increase enjoyment, understanding and performance; to develop critical judgment and taste; to provide for enrichment of the student's theatrical and professional life. Any theatre course may be used to fulfill the general education requirement in the fine arts area. There is no major in Theatre Arts.

Music

The aim of the courses in music is to increase enjoyment, understanding and performance; to develop critical judgment and taste; to provide for enrichment of the student's musical and

professional life. Any music course may be used to fulfill the general education requirement for fine arts in the Division of Arts and Letters. There is no major in music.

MINOR IN THEATRE ARTS AND MUSIC

Students who wish to minor in Theatre Arts and Music should complete a total of 18 credit hours in these combined disciplines, 9 credits in theatre arts and 9 credits in music. A minimum of 3 credits must be taken in performance such as THR 3380 or MUS 1650/MUS 1660.

THEATRE ARTS MINOR

A minor in theatre arts requires six courses (18 credits) in the discipline and must include THR 1080 and THR 3380 or THR 3420. The remaining credits may be earned by completion of theatre courses (THR) and designated dramatic literature courses dual-listed with English (THR/ENG).

COURSE DESCRIPTIONS

COURSE CLASSIFICATION

Lower division courses are 1000 and 2000 level courses; upper division courses are 3000 and 4000 level courses. A course identified by two numbers and separated by a hyphen (i.e. 1010-1020) means that the first course, identified by the lower number, is a prerequisite for the second course, identified by the higher number. A slanted line between two course numbers (i.e. 3010/3020) means that the first course is not a prerequisite of the other. The number set within the parenthesis following the course title is the number of semester credits assigned to successful completion of the course (i.e.) (3). Interdisciplinary courses are identified by an "I" preceding the course number.

ACCOUNTING

ACC 1050 - Financial Accounting

Credits: 3

The development of fundamental principles of accounting. Emphasis is placed on the recording and reporting of financial activities of economic entities.

ACC 1060 - Managerial Accounting

Credits: 3

Emphasis is on developing and interpreting accounting information used by management in the daily operation of a business. Topics include financial statement analysis, measuring cost, value chain and cost-volume-profit analysis.

Prerequisites: ACC 1050.

ACC 2010 - Intermediate Accounting I

Credits: 3

In-depth study of the evolution of accounting theory and practice, encompassing the whole accounting process, all financial statements with emphasis on cash, receivables, inventories-cost, valuation, control, plant and equipment-depreciation, depletion and intangible assets-valuations.

Prerequisites: ACC 1050, ACC 1060

ACC 2020 - Intermediate Accounting II

Credits: 3

Encompasses corporate accounting, emphasizing capital structure-stock contributions, stock dividends and rights, retained earnings, treasury stock, as well as fund flows and fair value and price level accounting.

Prerequisites: ACC 2010.

ACC 3030 - Auditing

Credits: 3

A fundamental analysis of auditing and its contribution to financial reporting with primary emphasis upon the independent public accountant's attest function. The application of audit tools (e.g., systems flowcharting, statistical sampling and EDP) is integrated with the coverage of audit working papers.

Prerequisites: ACC 2010 MTH 2070.

ACC 3040 - Federal Income Tax

Credits: 3

A study of the federal income taxation, the tax codes and regulations and its application to accounting and business decisions.

Prerequisites: ACC 2020.

ACC 3061 - Computer Applications in Accounting and Business

Credits: 3

Cross-listed with: BUS 3061

This course will introduce students to the many applications of commercially available software in a business environment. Accounting and business uses of Microsoft Excel, Microsoft PowerPoint, Microsoft Access, Microsoft Publisher and an accounting program will be explored.

Prerequisites: ACC 1050 ACC 1060.

ACC 3070 - Accounting for Managerial Decisions and Control

Credits: 3

Identification and application of accounting control structures and processes to assure that resources are obtained and used efficiently and effectively in the accomplishment of organizational objectives. Examines the measurement of costs, the compilation of data and quantitative techniques used in decision-making.

Prerequisites: ACC 2020.

ACC 3140 - Fraud and White-Collar Crime

Credits: 3

Cross-listed with: BUS 3140

This course is designed to give students an understanding of the elements of white-collar crime as compared to street crime. Categories of white-collar crime include crimes of fraud, offenses against public administration and regulatory offenses. The course explores the nature and extent of white-collar crime in modern society.

ACC 4020 - Contemporary Accounting Theory

Credits: 3

A study of contemporary accounting theory, research studies, statements, opinions and standards. Selected accounting topics will be treated to complement the program as a whole.

Prerequisites: Permission of chair.

ACC 4030 - Financial Accounting Problems

Credits: 3

An intensive study of accounting for business. Distinction between purchase and pooling of interests. Consolidated statements for parent and subsidiary corporations. Accounting for foreign currency transactions and translation of foreign statements as well as organization and liquidation of partnerships, special revenue accounting (installment, consignment and franchise sales), fiduciary accounting (estates, trusts, statement of affairs, realization and liquidation reports) and other specialized areas.

Prerequisites: ACC 3030.

ACC 4060 - Not-for-Profit Accounting

Credits: 3

This course deals with accounting for not-for-profit entities. The fund theory is the foundation of the course. Areas covered include the eight funds and two account groups currently used, special accounting and auditing problems, standards of financial reporting and uses of financial reports. The course is concerned with government, hospitals, colleges and other not-for-profit entities.

Prerequisites: ACC 2020.

AMERICAN SIGN LANGUAGE

ASL 1010 - American Sign Language I

Credits: 3

An introduction to American Sign Language, a non-verbal language employed by people who are deaf or hard of hearing, including gestures and body language, natural signs, and symbolic signs. Vocabulary building and communication skill practice are emphasized.

ASL 1020 - American Sign Language II

Credits: 3

American Sign Language skills at the intermediate level. Small group discussion, conversational practice and signed public address are emphasized.

ANTHROPOLOGY

ANT 1000 - Introduction to Anthropology

Credits: 3

This course will explore the rich diversity of human behavior, expression, and experience from pre-history to the present using anthropology's unique comparative perspective and an integration of its four major fields: archaeology, cultural anthropology and ethnology, anthropological linguistics, and physical anthropology. Research design and ethnographic methods for conducting field work will be introduced. The significance of variables such as ethnicity, gender and race as well as current political, ethical and social issues will be analyzed in conjunction with the action-oriented work of applied anthropologists.

ART

ART 1020 - Basic Drawing Techniques

Credits: 3

This course is an introduction to the basic principles and practices of drawing. Students will complete a variety of projects that emphasize observation, line, value, shape, texture, picture plane organization and perspective. Discussion will center upon the use of materials as well as methods for developing drawings from initial sketch to finished work.

ART 1030 - History of Art

Credits: 3

This course is designed to help students appreciate selected works of architecture, sculpture and painting from prehistoric times to the present.

ART 1600 - 2-D Design Fundamentals

Credits: 3

This introductory studio course addresses visual dynamics on the 2-D picture plane, including line, shape, texture, space and color. Through the design process, students explore visual elements and principles of organization. Using a variety of media, projects incorporate technical skills from idea generation through development to actual presentation.

ART 1700 - Graphic Design Principles I

Credits: 3

Students are introduced to the theoretical and practical applications of graphic design. Assignments build visual discernment, conceptual thinking and awareness of design issues, culminating in a complete portfolio of four to five pieces. Using *Adobe Photoshop* and other appropriate software students build technical skills while learning problem-solving techniques and incorporating imagery as well as basic typography in different design contexts and formats.

Prerequisites: ART 1600 or permission of the instructor

ART 2010 - Sculpture I

Credits: 3

This foundational studio course focuses on the structural and expressive features which inform three-dimensional work. Students will create projects that explore formal elements and underlying design principles such as volume, surface, light, shade and color, using a variety of sculptural materials and methods.

ART 2110 - Dynamics of Color and Design

Credits: 3

Combining a study of essential design principles and the use of color, this course offers practice in studio processes and choosing design options. Students gain visual literacy by revising and refining original ideas and executing creative designs for two and three dimensional works.

ART 2120 - Lettering and Design I

Credits: 3

Appreciation and application of calligraphy (beautiful writing) through work in Foundational

and Uncial Hand, use of appropriate implements, and practice in the techniques of layout and illumination in projects of varied dimensions.

ART 2150 - Lettering and Design II

Credits: 3

Building upon the techniques acquired in Lettering and Design I, the student will pursue advanced work in formations and layouts, demonstrating more mature design concepts. Emphasis will be placed on embellishment of manuscripts through the use of colored inks, paints, transfer gold, and embossing. The Foundational and Uncial Hands will be used, and the Chancery Italic Hand will be introduced.

Prerequisites: ART 2120 or permission of instructor.

ART 2200 - Design in Visual Communication

Credits: 3

Students gain practice in graphic design especially in the print media with an emphasis on image making for concepts, products and individuals. Paper specifications, product processes, typefaces, packaging and design concepts are analyzed for aesthetic and commercial appeal. Iconographic design in brochures, logos and letterheads is also emphasized and the student will become aware of new options and technologies.

Prerequisites: ART 1600 or permission of the instructor

ART 2201 - Painting I

Credits: 3

This foundational course introduces techniques of painting in watercolor, tempera, pastel and mixed media. Students will acquire skills through application, demonstration, experimentation, individual direction and personalization critiques of their work. Aesthetic/analytical discussion of great works from past and present will be included.

ART 2700 - Graphic Design Principles II

Credits: 3

Building upon the fundamentals of visual communication studied in Graphic Design I, students will gain advanced skills through exercises and projects incorporating page layout (QuarkXPress and Adobe InDesign), digital imaging (Adobe Photoshop) and vector drawing software.

Prerequisites: ART 1700 - *Graphic Design Principles I* or permission of the instructor

ART 2750 - Digital Animation I

Credits: 3

This class introduces 3-D modeling and animation used in Internet, video, multimedia and entertainment industry applications. Students work with computer generated objects and their placement in relation to space, cameras, and light sources. Topics for study and analysis include the architecture of movement and the creation of animated forms, the principles of object-oriented modeling and complex 3-D modeling (freeform surfaces).

Prerequisites: ART 1700 or permission of the instructor

ART 2800 - Digital Photography

Credits: 3

This course is an introduction to digital photography using digital still cameras and computer-based image manipulation using Adobe Photoshop.

ART 3010 - Sculpture II

Credits: 3

Building upon the exploration of techniques, materials, and processes studied in Sculpture I, the student will advance to individual projects that demonstrate greater competence in orientation, proportion, scale, articulation, and balance as well as greater understanding of the distribution of light and shade over the form of individual works.

Prerequisites: ART 2010 or permission of the instructor.

ART 3020 - Basic Drawing Techniques II

Credits: 3

This course expands upon the skills acquired in Basic Drawing Techniques I. Projects emphasize heightened observation in use of line, tone, composition, and perspective, using an even greater variety of drawing media and techniques.

Prerequisites: ART 1020 or permission of the instructor

ART 3201 - Painting II

Credits: 3

Building on the skills acquired in Painting I, this course provides an in-depth emphasis on independent problem-solving and the development of an individual style in composition, figure, landscape, portrait and still life.

Prerequisites: ART 2201 or permission of the instructor

ART 3550 - Web Page and Web Site Design

Credits: 3

This course provides an in depth analysis of the major concepts and techniques used in web page and website design. The emphasis is on visual and graphic design. *Prerequisites:* CIT 1052

ART 3600 - Digital Animation II

Credits: 3

Upper-level students in digital art and media will advance their understanding of processes and skills such as frame rate, transitions and editing begun in Digital Animation I. Exercises and projects foster hands-on experience affording both individuals and teams a studio approach and ongoing critiques as they gain mastery with animation software.

Prerequisites: ART 2750 or permission of the instructor.

ART 3800 - Digital Photography II

Credits: 3

Building upon the knowledge and skills gained in ART 2800 (Digital Photography I), students will achieve competence in digital image capture and manipulation, using programs such as Adobe Photoshop. Students are required to create a digital portfolio of fifteen computer-generated prints. Historical trends in traditional photography and emerging practices in digital imaging are discussed to help analyze the approach, subject matter and style of the work created for the class.

Prerequisites: ART 2800 or permission of the instructor

ART 4200 - Digital Photography Workshop

Credits: 3

In this course, students progress to a study of advanced technical and expressive elements in digital photography. Projects, exercises, and field experiences will culminate in the development of a portfolio.

Prerequisites: ART 2800 or permission of the instructor.

ART 4400 - Photojournalism

Credits: 3

This course analyzes the correlation between photographic elements and journalistic narrative in both print and electronic media. As they photograph events and individuals in natural lighting conditions and learn to capture movement, students will also gain experience digital editing, layout concepts and printing techniques. Photojournalism skills required for covering sports events, general news, travel destinations and documentaries are emphasized.

Prerequisites: ART 2800 or permission of the instructor

ART 4900 - Special Topics In Graphic Arts

Credits: 3

Designed to acquaint students with current trends in digital art and media, as well as to provide them with historical and theoretical perspectives in the discipline.

Prerequisites: ART 1600 or permission of the instructor.

ASTRONOMY

AST 1100 - Introductory Astronomy

Credits: 3

Study of the solar system and its components, stars and stellar evolution, and galaxies. The course includes the historical development of astronomy as a science and the equipment and instrumentation used by modern astronomers.

Lecture hours/Lab hours: 2 hours lecture; 2 hours lab

Prerequisites: MTH 0150 or equivalent score on mathematics screening test.

BIOLOGY

BIO 1030 - Human Anatomy and Physiology I

Credits: 4

Students will be introduced to anatomical terminology, the basic anatomy and functioning of the cell, mammalian histology, skeletal, muscular, and nervous systems with emphasis on humans. Lectures will concentrate on the functioning of the systems listed above. During laboratory sessions, students will complete exercises entailing mammalian specimen dissection, the examination of human models and perform physiological experiments and computer simulations illustrating the functioning of the human body.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A passing score on the reading comprehension and writing screening tests. MTH 0150 or equivalent score on mathematics screening test.

BIO 1040 - Human Anatomy and Physiology II

Credits: 4

This course is a continuation of BIO 1030.

The structure and function of the endocrine, circulatory, lymphatic/immune, respiratory, digestive, urinary and reproductive systems of humans will be emphasized. Lectures will concentrate on the functioning of systems listed above. During laboratory sessions, students will complete exercises entailing mammalian specimen dissection, the examination of human models and perform physiological experiments and computer simulations illustrating the functioning of the human body.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A passing score on the reading comprehension and writing screening tests. MTH 0150 or equivalent score on mathematics screening test. BIO 1030 is prerequisite for BIO 1040.

BIO 1110 - General Biology

Credits: 3

An introduction to the fundamental principles and problems of biology for the non-science major. Beginning with an introduction to the nature of science, this course will focus on such topics as ecology, heredity, anatomy and physiology, cell biology and the origin of life.

Lecture hours/Lab hours: 2 hours lecture; 3 hours lab

Prerequisites: MTH 0150 or equivalent score on mathematics screening test.

BIO 1130 - Biological Principles I

Credits: 4

This is part one of a two semester inquiry based course in introductory biology for students majoring in the sciences. This course provides a coherent, unified picture of biology by ordering principles around structural levels of organization from macromolecules to ecosystems. Major topics covered include a discussion of the scientific method and its application, the cellular basis of life including a discussion of basic chemistry; cells as units of structure and function; energy transformations including cellular respiration and photosynthesis, the basic principles of classical and molecular genetics, cell cycle and evolution.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: High school biology. Pre- or Co requisite: MTH 1400 or equivalent score on mathematics screening test.

BIO 1140 - Biological Principles II

Credits: 4

The second part of a two semester inquiry based course for science majors providing a coherent, unified picture of biology by ordering principles around structural levels of organization from macromolecules to ecosystems. Topics covered include a discussion of current environmental issues, population, community and ecosystem ecology, botany and an examination of those functions common to all organisms such as hormonal and neuronal control, nutrition, gas and

fluid transport, excretion and reproduction. Emphasis is placed on the mechanisms used to accomplish these basic functions and interrelationships among the structural levels of the body.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: BIO 1130 or permission of division.

BIO 2000 - Selected Topics in Biology

Credits: 3

An in-depth analysis of an area of topical interest in biology not specifically covered in the general curriculum.

Lecture hours/Lab hours: 3 hours lecture

Prerequisites: A minimum grade of C in BIO 1040, BIO 1110, or BIO 1140 and a college level chemistry course with a minimum grade of C.

BIO 2020 - Microbiology

Credits: 4

Microorganisms are found throughout the globe and have profound effects on the earth's environments and the various life forms that inhabit them. This course will begin with a survey of the bacteria, viruses, fungi, algae and protozoa that make up the microbial world. It will focus on bacteria and investigate their biological properties of growth, nutrition, metabolism and gene regulation. The course will then closely examine those microorganisms that are associated with human disease and investigate mechanisms of microbial pathogenesis. Finally, it will discuss the body's defense mechanisms against infection and the clinical interventions that are utilized to prevent and cure disease. The laboratory will prepare students to safely handle specimens utilizing sterile techniques and will focus on the identification of bacteria.

Students who also complete BIO 2080 will not receive credit for both courses

Lecture hours/Lab hours: 2 hours lecture, 4 hours lab

Prerequisites: A minimum grade of C in BIO 1140 or BIO 1040 and a minimum grade of C in a college level chemistry class.

BIO 2040 - Genetics

Credits: 4

This course examines the principles, mechanisms and methodologies of classical and molecular genetics. It begins with an introduction to the chemical nature of heredity material. It investigates mechanisms of DNA replication, cell division, protein synthesis and control of gene expression. Emphasis is placed on identifying differences in prokaryotic and eukaryotic molecular pathways. Inheritance is examined using classical principles established by Gregor Mendel and is discussed in the context of modern theories of chromosomal molecular genetics. Inheritance patterns and allelic frequencies are studied at both the familial and population levels. Students will investigate and perform molecular techniques and bioinformatics based analyses currently utilized in biotechnology-based professions.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in the following courses: BIO 1040 or BIO 1140; and a college level chemistry course.

BIO 2080 - Principles of Microbiology

Credits: 4

This course introduces Biology majors to the microbial world and explores the interactions among microbes, their environment and the rest of the living world. It will begin with a survey of the bacteria, viruses, fungi, algae and protozoa that make up the microbial world. The course will focus on bacteria and viruses exploring their structures, physiology and genetics and their roles in disease, biotechnology, bioremediation, agriculture and food microbiology. The laboratory will prepare students to safely handle and generate pure cultures of specimens utilizing sterile techniques. It will also introduce modern molecular and bioinformatics techniques associated with biotechnology and genomics. Students who also complete BIO 2020 will not receive credit for both courses.

Lecture hours/Lab hours: 2 lecture hours; 4 lab hours

Prerequisites: A minimum grade of C in the following courses: BIO 1040 or BIO 1140, BIO 2040 and a college chemistry course.

BIO 2521 - Introduction to the Neurosciences

Credits: 4

Cross-listed with: PSY 3521

An interdisciplinary course which provides an introduction to the nervous and endocrine systems. It also will provide an understanding of the basis of human behavior in the context of group activity and social behavior. The course will feature a lecture portion which targets the cellular basis of neural function using animal model systems. In addition the course will provide student groups in the class with the opportunity to highlight the underpinnings of certain human activities and clinical pathologies. The laboratory will provide hand-on experiences as well as demonstrations, focusing on the physiology of the nervous system.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: Students must have completed at least a year of biology (BIO 1030 BIO 1140 or BIO 1130 -BIO 1140) and a semester of Introductory Psychology(PSY 1010), /OR one semester of biology(BIO 1030 - Human Anatomy and Physiology I or BIO 1130) and 1 semester of Biological Psychology(PSY 3060)

BIO 3010 - Animal Physiology

Credits: 4

Basic concepts of physiology; physiological regulation from the level of the cell to that of the integrated organism. An emphasis is placed upon vertebrates in general and mammals in particular. Laboratory exercises stress the use of physiological instruments.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in BIO 1040 or BIO 1140 and a minimum grade of C in CHM 1520.

BIO 3030 - Pathophysiology

Credits: 3

This course explores the etiology and pathogenesis of human disease with emphasis on major diseases of the cardiovascular, digestive, urinary, respiratory, and reproductive systems.

Lecture hours/Lab hours: 3 hours lecture

Prerequisites: A minimum grade of C in BIO 1040 and either BIO 2020 or BIO 2080 and a minimum grade of C in a college-level chemistry course.

BIO 3040 - Vertebrate Biology

Credits: 4

Provides the student with an understanding of vertebrate morphology and evolution. Students will study the morphology of the various groups of vertebrates. Morphological adaptation will be related to organism function in the context of evolution. Laboratory work includes dissection of the amphioxus, lamprey, necturus, shark and cat.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in BIO 1040 or BIO 1140 and a minimum grade of C in a college-level chemistry course

BIO 3080 - General Botany

Credits: 4

A comprehensive survey of the plant kingdom is made; structure and life processes of representative forms are studied in detail.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in BIO 1040 or BIO 1140 and a minimum grade of C in a college-level chemistry course

BIO 3100 - Animal Behavior

Credits: 4

The investigation of animal behavior as an evolved characteristic of vertebrate and invertebrate organisms. Topics will include foraging ecology, social behavior, sexual selection, and parental care and will be examined from mechanistic, developmental, historical, and evolutionary perspectives. Labs will provide students experience in designing and undertaking non-human animal behavior research in the lab and the field; out-of-class data acquisition is required.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: Pre-requisites: A minimum grade of C in the following courses: BIO 1040 or BIO 1140; a college chemistry course; and one other biology laboratory course numbered 2000 or above.

BIO 3150 - Evolution

Credits: 3

This course will provide the student with a historical perspective on the development of the science of evolution and provide a comprehensive introduction to the major concepts of modern evolutionary thought.

Lecture hours/Lab hours: 3 hours lecture

Prerequisites: A minimum grade of C in the following courses: BIO 1030 or BIO 1140 and a college level chemistry course.

BIO 3200 - Immunology

Credits: 4

This course is an introduction to immunology with an emphasis on the human immune system. It begins with a general description of the cells and molecules involved in the recognition and removal of foreign infectious agents. It examines the innate and the adaptive arms of the immune response and discusses various mechanisms used by these systems for defense. It concludes with a discussion of instances where the body's defenses over-react or fail to provide protection. In the laboratory students will utilize immune reactions such as serum reactivity and in vitro cell stimulation to analyze biological function.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in the following courses: BIO 1040 or BIO 1140; CHM 1060 or CHM 1520; BIO 2020 or BIO 2080 one other laboratory biology course numbered 2000 level or above.

BIO 3910 - Natural Science Seminar I

Credits: 1

Cross-listed with: CHM 3910

The objective of this course is to integrate the sciences in a systematic study of scientific communication - both oral and written. Students will utilize information from research articles, class discussions, and scientific talks to prepare a group presentation on a topic of current scientific interest. A term paper will be required.

Lecture hours/Lab hours: 1 hour lecture

Prerequisites: BIO 2900

BIO 3920 - Natural Science Seminar II

Credits: 2

Cross-listed with: CHM 3920

The objective of this course is to integrate the sciences in a systematic study of scientific communication - both oral and written. Students will utilize information from research articles, class discussions, and scientific talks to prepare a group presentation on a topic of current scientific interest. A review paper based on primary scientific literature will be required.

Prerequisites: BIO 3910

BIO 4020 - Parasitology

Credits: 4

The study of protozoan, helminth and arthropod parasites with emphasis on those of importance to the human host; morphology, life histories, ecology and host/parasite relationships are discussed. Laboratory consists of morphological study of known specimens and recovery and identification of those parasites having medical or environmental significance.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in the following courses: BIO 1040 or BIO 1140; a college-level chemistry course, and one other biology laboratory course numbered 2000 or above.

BIO 4030 - Cellular Biology

Credits: 4

This course is a modern treatment of cell structure and function with emphasis on the molecular architecture, biochemistry and regulatory mechanisms common to all eukaryotic cells. Topics of discussion will include the structure and function of the major cellular organelles and an analysis of important cellular processes including cell-to-cell communication, gene expression, and oncogenesis. Students will also perform experimental analyses of central problems in cell biology using modern cellular and biochemical techniques.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in a biology course numbered 2000 or above.

Corequisites: CHM 2010 Pre or Co-requisites: CHM 2010

BIO 4050 - Developmental Biology

Credits: 4

This course studies the morphological, physiological and biochemical bases of animal development from the fertilized egg onwards. Lectures emphasize molecular biology and genetics in understanding morphogenesis and differentiation. Laboratory study includes a morphological study of ontogeny in model organisms such as sea urchins, amphibians and chickens. In addition, students use inquiry-based collaboration to experimentally investigate and report development in selected species.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in the following courses: BIO 1040 or BIO 1140; CHM 1520, and BIO 2040.

BIO 4080 - Ecology

Credits: 4

This course is intended to develop an understanding of the interconnectedness of organisms, the environment and the processes of evolution. Organisms will be studied in an interrelated manner revolving around how they have evolved to exist in a particular environment. Laboratories will emphasize experimental design, statistical analysis, and the development of basic ecological models using spreadsheet software.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in BIO 1040 or BIO 1140, a minimum grade of C in a college level chemistry course.

BIO 4310 - Biochemistry

Credits: 4

This one-semester course is a survey of basic principles of biochemistry, emphasizing broad understanding of chemical events in living systems in terms of metabolism and structure-function relationships of biologically important molecules. It involves a rigorous treatment of the synthesis of macromolecules, structure, function and chemistry of proteins and carbohydrates; the role of enzymes including basic enzyme kinetics and catalytic mechanisms and cellular metabolism viewed from the standpoint of energetics and control mechanisms. The laboratory component of the

course will acquaint students with techniques currently used in biochemistry.

Lecture hours/Lab hours: 3 hours lecture; 4 hours lab

Prerequisites: A minimum grade of C in BIO 1040 or BIO 1140 and a minimum grade of C in CHM 2020.

BIO 4900 - Natural Science Seminar III

Credits: 1

Cross-listed with: CHM 4900

Emphasis will be placed upon the integration of studies in the sciences. Students will be given the opportunity to demonstrate both knowledge of their discipline and oral presentation skills by the presentation of a seminar on a selected topic. The ability to critique research papers and oral presentations will be stressed.

Lecture hours/Lab hours: 1 hour lecture

Prerequisites: BIO 3920

BIO 4910 - Special Problems in Scientific Research

Credits: 4

Participation in special aspects of biological and/or chemical research for selected biology and chemistry majors. Research problems are carried out under supervision by a member of the staff and involve both laboratory and library work. (Students who qualify for Honors Program 4000 or 4010 may elect to use BIO 4910 or CHM 4910 for honors research.) Approximately 8 hours of laboratory or library work per week.

Prerequisites: Permission of division.

BIO 4920 - Student Research in Industrial Laboratories

Credits: 3

The course provides the student with the opportunity to become involved with a research problem identified in a local industrial laboratory. The nature of the particular activity will depend upon that outlined by the laboratory supervisor, student and faculty adviser. Whether a research position is available will depend upon the needs of local industry and student and faculty interest.

Prerequisites: Must be junior science major and have recommendation of faculty adviser and permission of division.

BIO 4970/4980/4990 - Independent Study (1,2, or 3)

Credits: (1, 2, or 3)

Independent investigation of specific biological topics under the guidance of an instructor.

Prerequisites: Permission of the division.

BUSINESS

BUS 1010 - Introduction to Management

Credits: 3

An analysis of the fundamentals of management including the following: planning, organizing, staffing, directing and controlling. In addition, the course explores the areas of communication, problem-solving and decision-making. Individual and small group factors that affect management functions are also studied.

BUS 1020 - Marketing Principles

Credits: 3

A comprehensive survey of the field of marketing, stressing channels of distribution, institutions and the functions and forces involved in the flow of goods from producer to consumer.

BUS 2050 - Business Law I

Credits: 3

Designed to cover the history and nature of law; treatment of the law of contracts; formation and interpretation of the law; the parties' rights, duties and remedies. It also covers the legal concepts and relationships encountered in business.

BUS 2060 - Business Law II

Credits: 3

A study of the legal aspects of real and personal property such as: negotiable instruments, partnerships and corporations, bailments and carriers.

BUS 2080 - International Marketing

Credits: 3

A study of International Marketing as it applies to various regions of the world in both developed and underdeveloped countries. Consideration is given to changes in America's policy in the international marketplace, earlier and more modern approaches to marketing, overseas business customs and practices, the impact of product marketing, new product planning, pricing, manufacturing and distribution and the development of annual marketing plans.
Prerequisites: BUS 1010, BUS 1020.

BUS 2300 - Introduction to Management Science

Credits: 3

This course develops a conceptual understanding of the role management science plays in the business decision-making process. Topics include linear programming and computer solutions; transportation, assignment and transshipment models; project scheduling; inventory models; waiting lines; simulation; and decision analysis.
Prerequisites: MTH 1400 or satisfactory score on math placement test.

BUS 2500 - Introduction to Sports Management

Credits: 3

This course will provide students with an overview of all facets of the sport management industry, including management, marketing, sales, finance,

event management, promotions, public relations, tourism and its social, political and legal environment as well as its economic structure. The course will also examine several ethical challenges facing sport management professionals in the current market.
Prerequisites: BUS 1010

BUS 2700 - Sports Facility Management

Credits: 3

This course is designed to provide students with a comprehensive introduction to the key elements of sport event and facility management. Students will examine the issues associated with financing, designing, maintaining and managing different types of sport facilities. Also, specific attention will be given to the planning and implementation process for sporting events. The relationship between sporting events and the facilities that host them will also be given considerable attention. The course will also examine several of the key positions in events and facilities management.
Prerequisites: BUS 2500

BUS 3010 - Production Systems Management

Credits: 3

An introduction to manufacturing and service processes; the evolution of flow control; optimum utilization of materials; energy and basic resources; analysis of man-machine relationships; input-output theory; and the control of quality and inventory.
Prerequisites: BUS 1010.

BUS 3020 - Money and Banking

Credits: 3

Cross-listed with: FIN 3020
History of money and monetary standards; commercial banking in the United States; evolution and functions of the Federal Reserve System; the development of specialized banking institutions; the operation of credit and monetary controls; foreign exchange practices and problems; international financial institutions; contemporary issues in national and international finance.
Prerequisites: ACC 1050, ECO 1020, ACC 1060

BUS 3030 - Financial Management

Credits: 3

Cross-listed with: FIN 3030
Significance of capital investment and credit is the focal point. Factors that comprise the money market are examined, supply and demand for loanable funds; the role of the central bank; the impact of monetary and fiscal policy on the capital market with respect to debt and equity financing.
Prerequisites: BUS 1010, ACC 1050, ACC 1060.

BUS 3040 - Retail Management

Credits: 3

A study of the overall management aspects of the retail organization as an integral part of a marketing system. The course encompasses the effects of environmental forces in the marketing system and the role of management in retail organizations.
Prerequisites: BUS 1010, BUS 1020, ACC 1060.

BUS 3070 - Labor Relations

Credits: 3

The relationship between labor and management is examined in the context of history and law. Emphasis is given to the effects of legislative action. Arbitration and bargaining are covered as well as unions and grievance procedures.
Prerequisites: BUS 1010.

BUS 3080 - Introduction to International Business

Credits: 3

An examination of the various approaches to business in overseas markets, considering the economic, political and trade activities, and market behavior in various parts of the world. The impact of governmental regulations and restrictions as well as cultural differences upon the business environment will be studied and compared.
Prerequisites: BUS 1010, BUS 1020.

BUS 3090 - Human Resource Management

Credits: 3

Examination of the organization and administration of the personnel function, concentrating on policies and practices governing recruitment, selection, placement, employee evaluation and training.
Prerequisites: BUS 1010.

BUS 3140 - Fraud and White-Collar Crime

Credits: 3

Cross-listed with: ACC 3140
This course is designed to give students an understanding of the elements of white-collar crime as compared to street crime. Categories of white-collar crime include crimes of fraud, offenses against public administration and regulatory offenses. The course explores the nature and extent of white-collar crime in modern society.

BUS 3150 - Organizational Behavior

Credits: 3

This course focuses on individual, interpersonal and group behavior in organizations. Students will explore behavior patterns of managers, leaders and employees in organizational settings. Topics include: the role of the manager, personality, perception, motivation, leadership, individual and group decision-making, power and political behavior, conflict resolution, organization design, human resource policies and organization change and development.

BUS 3160 - Management Information Systems

Credits: 3

A core of generalized and introductory systems tenets, rules and guidelines are presented, including a survey of new and developing information systems technologies and exploration of their impact on the business environment. Issues covered in detail include the successful management of information systems projects, together with demonstration of selective new technologies such as neural networks. Opportunities for students to experience hands-on learning are explored.

BUS 3170 - Electronic Commerce

Credits: 3

Management, business and technology issues faced when conducting business over the Internet are explored in detail. Emphasis is placed on understanding the many issues that must be addressed in developing an Internet-based business plan, including E-commerce security and electronic payment systems. Critical appraisal of current Internet marketing and promotional approaches as well as legal, ethical and societal impacts of electronic commerce are explored.

BUS 3180 - Developing Leadership Skills

Credits: 3

This course covers leadership theory, models and concepts and how leadership skills can be developed and used to enhance managerial effectiveness. Topics include: trait, behavioral, contingency, charismatic and transformation models of leadership. Strategic leadership, influence tactics, coaching skills and power of leaders to creatively shape organizations are explored. Case studies, problem-solving and simulation exercises are used to understand and develop leadership abilities.

BUS 4010 - Seminar in Management

Credits: 3

This is an advanced course in management that utilizes knowledge acquired in previous courses. It requires extensive readings and emphasizes case studies and problem solving.
Prerequisites: Senior status or permission of division chair.

BUS 4030 - Marketing Management

Credits: 3

Analysis of problems encountered by firms in marketing goods and services. Emphasis is placed on marketing research and the formation of strategies to integrate product planning, pricing, distribution, promotion and service within the current socio-economic environmental framework.
Prerequisites: BUS 1020.

BUS 4060 - Business and Government Relationships

Credits: 3

A study of the scope of government involvement in regulation, restriction and encouragement of the private economic sector. There will be a critical appraisal of the effectiveness of decisions made in government regulations as well as the philosophical reasoning upon which they are made.
Prerequisites: ECO 1020.

BUS 4080 - Investment Analysis

Credits: 3

Covers security markets, the various types of investment securities and the risk-return characteristics of each. Surveys the basic principles and techniques of investment analysis and portfolio selection and management. Market behavior analysis methods are examined critically and sources of analytical information and their use are studied.
Prerequisites: ACC 1050 ACC 1060, BUS 3030.

BUS 4090 - Selected Topics in Business and Economics

Credits: 3

A systematic in-depth examination of subjects of current interest in business and economics. The topic and the instructor will be announced.

Prerequisites: Permission of instructor.

BUS 4130 - Integrated Marketing Communication Seminar

Credits: 3

Cross-listed with: CMA 4130

Students will develop the ability to integrate the theory and practice of information technology, marketing and communication. They will create an integrated marketing campaign for an organization, service or program, which will serve as the culminating project for the course.

Prerequisites: CIT 2050.

BUS 4200 - International Advertising and Promotion

Credits: 3

A study of the role of advertising and promotion in the international marketplace that will include: the principles in advertising and promotion; steps in the development of the international advertising and promotion program; the role of product management; market research; the advertising agency; and development of annual marketing promotion and advertising planning.

Prerequisites: BUS 1010, BUS 1020, ENG 1010, ENG 1020.

BUS 4250 - Financial and Economic Analysis in Sport

Credits: 3

An application of concepts from Finance and Economics to business topics and problems in the sports industry. The course will develop students' analytic abilities and strengthen their understanding of the role of financial economic analysis in understanding business decisions.

Prerequisites: ECO 1010, ECO 1020, BUS 2500, BUS 3030

BUS 4260 - Applied Marketing Management in Sport

Credits: 3

This course builds on BUS 1020: Marketing Principles to enhance students' ability to utilize knowledge of essential marketing principles in order to analyze contemporary marketing problems and issues in the sport industry. The course will develop students' abilities to formulate and implement a detailed marketing plan in the sport industry and to better understand the relationship of marketing to other business functions. It will emphasize the application of marketing concepts through the use of cases, simulations and/or projects.

Prerequisites: BUS 1020, BUS 2500

BUS 4850/4860 - Business Internship

Credits: (3, 6)

Supervised practical experience in management, administration, finance or accounting in business

and industrial settings.

Prerequisites: Permission of division chair.

BUS 4970/4980/4990 - Independent Study

Credits: (1,2,3)

Individual reading and research under the direction of an adviser.

Prerequisites: Written permission of instructor.

CHEMISTRY

CHM 1050 - Introductory Chemistry I

Credits: 4

Part one of a 2-semester sequence of courses in general, organic and biochemistry. This portion of the course is devoted to modern theories and concepts of inorganic chemistry including nuclear and electronic structure, stoichiometry, chemical reactions, solutions, acid-base, buffers, thermochemistry, kinetics and equilibrium. Primarily for non-science majors.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: MTH 0150 or equivalent score

on mathematics screening test. CHM 1050 is a prerequisite for CHM 1060.

CHM 1060 - Introductory Chemistry II

Credits: 4

Part two of a 2-semester sequence of courses in general, organic and biochemistry. This portion is devoted to organic and biological chemistry, including naming and reactions of the major organic compounds, and introduction to carbohydrates, lipids, proteins, and nucleic acids. Primarily for non-science majors.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: CHM 1050 or CHM 1520

CHM 1510 - Chemical Principles I

Credits: 4

Part 1 of a two-part course for science majors. Topics covered include measurement, atomic structure, stoichiometry, solutions, chemical reactions, electronic structure, bonding, molecular geometry, Lewis structures, gas laws, intermolecular forces, colligative properties, acids, bases, buffers, kinetics, equilibrium, thermodynamics, redox chemistry, electrochemistry, nuclear chemistry. Laboratory work emphasizes basic laboratory techniques and the application of the scientific method.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: High school chemistry. MTH 1400 or equivalent score on mathematics screening test or permission of the division. CHM 1510 is a prerequisite for CHM 1520.

CHM 1520 - Chemical Principles II

Credits: 4

A continuation of Chemical Principles I. Topics covered include measurement, atomic structure, stoichiometry, solutions, chemical reactions, electronic structure, bonding, molecular geometry, Lewis structures, gas laws, intermolecular forces, colligative properties, acids, bases, buffers, kinetics,

equilibrium, thermodynamics, redox chemistry, electrochemistry, nuclear chemistry. Laboratory work emphasizes basic laboratory techniques and the application of the scientific method.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: CHM 1510

CHM 2010 - Organic Chemistry I

Credits: 4

A study of carbon compounds with emphasis on class reactions. Modern structural and bonding theories, reaction mechanisms and spectroscopic techniques are examined. Structures and properties of biologically significant molecules are discussed. *Lecture hours/Lab hours: 3 hours lecture; 3 hours lab*

Prerequisites: A minimum grade of C in CHM 1520. A minimum grade of C in CHM 2010 is a prerequisite for CHM 2020.

CHM 2020 - Organic Chemistry II

Credits: 4

A continued study of study of carbon compounds with emphasis on class reactions. Modern structural and bonding theories, reaction mechanisms and spectroscopic techniques are examined. Structures and properties of biologically significant molecules are discussed.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in CHM 2010

CHM 3030 - Physical Chemistry I

Credits: 3

A comprehensive first course in the fundamentals of physical chemistry. Topics include thermodynamics, kinetics, electrochemistry, quantum chemistry and the structure of matter. The significance and application of the principles of physical chemistry to physical, chemical and biological systems is examined. Usually CHM 3030 is taken concurrently with CHM 3050

Lecture hours/Lab hours: 3 hours lecture

Prerequisites: A minimum grade of C in CHM 2020 and PHY 2020 or permission of the division.

Pre or Co-requisites: MTH 2530. A minimum grade of C in CHM 3030 is a prerequisite for CHM 3040.

CHM 3040 - Physical Chemistry II

Credits: 3

A continuation of the fundamentals of physical chemistry. Topics include thermodynamics, kinetics, electro-chemistry, quantum chemistry and the structure of matter. The significance and application of the principals of physical chemistry to physical, chemical and biological systems is examined.

Usually CHM 3040 is taken concurrently with CHM 3060

Lecture hours/Lab hours: 3 hours lecture-recitation

Prerequisites: A minimum grade of C in CHM 3030

CHM 3050 - Experimental Physical Chemistry I

Credits: 2

Laboratory course designed to lead to an appreciation of the methods of obtaining the experimental data from which physical and chemical theories evolve. Unless permission of the department is granted, CHM 3050 must be taken

concurrently with CHM 3030

Lecture hours/Lab hours: 4 hours lab

Prerequisites: A minimum grade of C in CHM 3050 is a prerequisite for CHM 3060.

Corequisites: CHM 3030

CHM 3060 - Experimental Physical Chemistry II

Credits: 2

Laboratory course designed to lead to an appreciation of the methods of obtaining the experimental data from which physical and chemical theories evolve. Unless permission of the department is granted, CHM 3050 must be taken concurrently with CHM 3030

Lecture hours/Lab hours: 4 hours lab

Prerequisites: A minimum grade of C in CHM 3050 is a prerequisite for CHM 3060. Corequisites: CHM 3040.

CHM 3110 - Analytical Chemistry

Credits: 4

Examination of chemical equilibrium and basic analytical chemistry including statistical evaluation of data. Laboratory work involves separations and quantitative determinations by gravimetric, volumetric, chromatographic and instrumental methods.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in CHM 1520.

CHM 3910 - Natural Science Seminar I

Credits: 1

Cross-listed with: BIO 3910

The objective of this course is to integrate the sciences in a systematic study of scientific communication - both oral and written. Students will utilize information from research articles, class discussions, and scientific talks to prepare a group presentation on a topic of current scientific interest. A review paper based on primary scientific literature will be required.

CHM 3920 - Natural Science Seminar II

Credits: 2

Cross-listed with: CHM 3910

The objective of this course is to integrate the sciences in a systematic study of scientific communication - both oral and written. Students will utilize information from research articles, class discussions, and scientific talks to prepare a group presentation on a topic of current scientific interest. A review paper based on primary scientific literature will be required.

CHM 4110 - Instrumental Methods of Chemical Analysis

Credits: 4

Basic instrumentation, common to most chemistry laboratories, will be studied. Design, maintenance, applications and principles of operation of modern instrumentation for both qualitative and quantitative analyses will be covered.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: A minimum grade of C in CHM 2020 and CHM 3110 or permission of division.

CHM 4310 - Biochemistry

Credits: 4

This one-semester course is a survey of basic principles of biochemistry, emphasizing broad understanding of chemical events in living systems in terms of metabolism and structure-function relationships of biologically important molecules. It involves a rigorous treatment of the synthesis of macromolecules, structure, function and chemistry of proteins and carbohydrates; the role of enzymes including basic enzyme kinetics and catalytic mechanisms and cellular metabolism viewed from the standpoint of energetics and control mechanisms. The laboratory component of the course will acquaint students with techniques currently used in biochemistry.

Lecture hours/Lab hours: 3 hours lecture; 4 hours lab
Prerequisites: A minimum grade of C in the following courses: BIO 1040, BIO 1140 and CHM 2020.

CHM 4900 - Natural Science Seminar III

Credits: 1

Cross-listed with: BIO 4900

Emphasis will be placed upon the integration of studies in the sciences. Students will be given the opportunity to demonstrate both knowledge of their discipline and oral presentation skills by the presentation of a seminar on a selected topic. The ability to critique research papers and oral presentations will be stressed.

Lecture hours/Lab hours: 1 hour lecture
Prerequisites: CHM 3920

CHM 4910 - Special Problems in Scientific Research

Credits: 4

Participation in special aspects of biological and/or chemical research for selected biology and chemistry majors. Research problems are carried out under supervision by a member of the staff and involve both laboratory and library work.

Prerequisites: Permission of division.

CHM 4920 - Student Research in Industrial Laboratories

Credits: (3-4)

This course provides the student with the opportunity to become involved with a research problem identified in a local industrial laboratory. The nature of the particular activity will depend upon that outlined by the laboratory supervisor, student and faculty adviser. Whether a research position is available will depend upon the needs of local industry and student and faculty interest. Permission of the student's major department is required.

Prerequisites: Junior status science major and recommendation of faculty adviser.

CHM 4970/4980/4990 - Independent Study

Credits: (1,2,3)

Independent investigation of specific chemical topics under the guidance of an instructor.

Prerequisites: Permission of division.

COMMUNICATION ARTS

CMA 1040 - Interpersonal Communications

Credits: 3

An examination of the skills employed in interpersonal communication and small group discussion, this course is designed to familiarize the student with basic communication theory through the study and application of the uses of language and symbols and to improve student ability to effectively send and receive both verbal and nonverbal messages.

CMA 1060 - Intercultural Communication

Credits: 3

This course examines the values, beliefs, customs and attitudes that affect intercultural communication. The course identifies factors that impede effective intercultural understanding, and practical approaches to communicate more effectively. It includes both verbal and nonverbal communication.

CMA 2020 - Mass Media and Communication

Credits: 3

Planned to equip the student with the basics of mass media of communication: the history, structure, development and responsibilities of the media (print, film, radio, television, web, etc.); influence of media on individuals and society; study and use of media as related to education and the real needs of a democratic culture.

Prerequisites: ENG 1010, ENG 1020. A grade of "C" or better is required to continue as a Media Studies major.

CMA 2045 - Fundamentals of Television Production

Credits: 3

Fundamentals of Television is a hands-on overview of the basic principles of television, radio and audio production. Students are introduced to the theory and practices of video and audio through lectures and labs. This course will cover the fundamentals of light/color/design/sound which comprise the foundation of media production and will provide a practical introduction to television methodologies.

Prerequisites: None. Priority: Media studies majors

CMA 2050 - Introduction to Public Relations

Credits: 3

A study of the basic concepts of public relations combined with analysis of methods as they apply to present demands in the field.

A grade of "C" or better is required to continue as a Media Studies major.

Prerequisites: ENG 1010, ENG 1020.

CMA 2165 - Introduction to Non-Linear Editing

Credits: 3

Introduction to Non-Linear Editing introduces students to the theory and practice of nonlinear

editing (NLE) and the role of the editor in the production process. Working with Avid and Final Cut Pro software programs, this course will provide students with the technical and theoretical foundation of editing. In order to become familiar with various editing methodologies and techniques, students will screen films from the earliest days of the motion picture business to the latest videos posted on the Internet. Students will also work on individual editing projects.

Priority: Media Studies majors

Prerequisites: None.

CMA 2170 - Public Speaking

Credits: 3

Training in the development of a pleasing and effective voice; preparation and delivery of the basic types of speeches; emphasis on speech situations encountered by the professional person; special occasion speeches; public addresses of special purpose; interpretive reading and various modes of career communication.

CMA 2310 - Newswriting

Credits: 3

A course designed to treat the subject of newswriting, including reporting practices, such as interview techniques. Applied study of writing craft as accepted in current reporting for well-edited newspapers. Intended for any student who recognizes a need to know how to write clear, succinct reports.

Prerequisites: ENG 1010, ENG 1020.

CMA 2420 - Oral Interpretation

Credits: 3

Training in the art of interpreting literature, stressing dynamics of voice and inflection and other special demands of the art.

Prerequisites: ENG 1010, ENG 1020.

CMA 3000 - Introduction to Audio Production

Credits: 3

Introduction to Audio Production examines audio principles and practices, including theory, aesthetics, and techniques. Tools of sound recording and editing are discussed as they relate to pre-production, production and post production. This class will also include hands-on field recording as well as work on software-based sound design projects.

Priority: Media Studies majors

Prerequisites: None.

CMA 3060 - Television Criticism

Credits: 3

An application of the fundamental tenets of criticism to television, combined with a study of the special demands of mass communication and their impact on programming.

Prerequisites: ENG 1010, ENG 1020.

CMA 3080 - Argumentation and Persuasion

Credits: 3

A study of the basic theories of argument and persuasion and their application to public relations,

advertising and mass media through analysis, writing and oral presentations.

Prerequisites: ENG 1010, ENG 1020.

CMA 3090 - Digital Video Production I

Credits: 3

Principles and practices of electronic video production and nonlinear editing, using digital camcorders and computer work stations.

Priority: Media Studies majors.

Prerequisites: None.

CMA 3100 - Writing for the Mass Media

Credits: 3

Fundamental writing and fact-gathering skills of journalism for the print and electronic media with emphasis on news writing for the electronic media; feature writing for print; persuasive writing for print and broadcast and promotional writing for print and broadcast.

Prerequisites: ENG 1010, ENG 1020.

CMA 3120 - Management Communications

Credits: 3

This course presents an analysis of communication as an essential component in contemporary business; application of theory to problems of motivation, attitude, leadership and management/employee relations.

Prerequisites: ENG 1010, ENG 1020.

CMA 3170 - Advanced Public Speaking & Presentation

Credits: 3

This course is designed to build on skills introduced in CMA 2170, Public Speaking, and assumes the student has basic knowledge of delivery skills, organization, effective research, and persuasive techniques. This course develops those skills further through study of historic speeches, formal speaking projects, and speech writing. Upon completion each student should be able to demonstrate the ability to compose, practice, and deliver oral presentations with clarity, purpose, conviction, and professional poise.

Prerequisites: CMA 2170

CMA 3210 - Writing for Public Relations

Credits: 3

A course designed to prepare public relations majors to satisfactorily perform writing tasks associated with entry-level positions in public relations firms or public relations departments of large or small businesses, firms or organizations.

Prerequisites: CMA 2050.

CMA 3300 - Creative Writing

Credits: 3

Designed to give experience beyond the basic composition course in expository, argumentative, descriptive and narrative techniques.

Prerequisites: ENG 1010, ENG 1020.

CMA 3320 - Journalistic Writing

Credits: 3

Cross-listed with: ENG 3320.

Practice in writing various journalistic forms

other than news writing. Includes features, editorials, reviews and columns, and related use of newspapers and news magazines.

Prerequisites: ENG 1010, ENG 1020.

CMA 3360 - Copyediting

Credits: 3

Detailed study and practice of contemporary editing procedures as they relate to print and broadcast media including: news evaluation, news editing, feature editing, the philosophy of copy editing, the functions and responsibilities of the copy editor, layout, headline writing and editing, libel and its forms.

Prerequisites: ENG 1010, ENG 1020.

CMA 4010 - Special Topics in Communication Arts

Credits: 3

Designed to acquaint students with current trends in theatre and the mass media, as well as to provide them with historical and theoretical perspectives and basic communication skills.

Prerequisites: ENG 1010, ENG 1020.

CMA 4070 - International Advertising and Promotion

Credits: 3

A study of the role of advertising and promotion in the international market place that will include: the principles of advertising and promotion; steps in the development of international advertising and promotion program; the role of product management, market research and the advertising agency; and development of annual marketing promotion and advertising planning.

Prerequisites: ENG 1010, ENG 1020.

CMA 4080 - Advertising

Credits: 3

This course offers an analysis of the theory and effects of advertising with emphasis on understanding the role of persuasive communication in all forms of advertising. Basic advertising techniques, skills and processes are examined, as are the social and behavioral results and the ethical implications of advertising.

Prerequisites: ENG 1010, ENG 1020.

CMA 4090 - Case Studies in Public Relations

Credits: 3

A seminar designed to develop the critical thinking necessary for the public relations practitioner by applying public relations principles to a variety of factual situations in organizations and institutions. Special emphasis is given to crisis communications.

Prerequisites: CMA 2050.

CMA 4130 - Integrated Marketing Communication Seminar

Credits: 3

Cross-listed with: BUS 4130.

Students will develop the ability to integrate the theory and practice of information technology, marketing and communication. They will create an integrated marketing campaign for an organization,

service or program, which will serve as the culminating project for the course.

Prerequisites: CIT 2050.

CMA 4150 - Media: Problems and Practices

Credits: 3

An examination of social, political, economic and ethical dilemmas confronted by contemporary media practitioners with emphasis on the skills needed to address these dilemmas.

CMA 4160 - Digital Video Production II

Credits: 3

Building upon the knowledge and experience gained in CMA 3090 (Digital Video Production I), students will design, produce and edit projects for broadcast and cable television and the world wide web.

Prerequisites: CMA 3090.

CMA 4450 - Research and Practice in Communication

Credits: 3

A seminar course designed to develop the qualitative and quantitative research skills for proposal development, writing and evaluation. The students apply these skills in the development and planning of a public relations or media proposal.

Prerequisites: Permission of Instructor.

CMA 4500 - Coordinating Seminar

Credits: 3

This seminar offers a synthesis of studies in Media Arts and Public Relations with focus on the culminating experience represented by the thesis project.

Prerequisites: CMA 4450.

CMA 4850 - Internship

Credits: 3

In order to meet the special needs of the communication arts student, field training may be arranged through cooperation with a professional agency (such as a newspaper, publishing house, theatre). For majors and minors only.

Grading: Pass/Fail.

Prerequisites: ENG 1010, ENG 1020, permission of division chair.

CMA 4850/4860/4870/4880 - Internship

Credits: (3, 6, 9, 12)

In order to meet the special needs of the communication arts student, field training may be arranged through cooperation with a professional agency (such as a newspaper, publishing house, theatre). For majors and minors only.

Grading: Pass/Fail.

Prerequisites: ENG 1010, ENG 1020, permission of division chair.

CMA 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

This course involves individual reading and research under the direction of a faculty adviser.

Prerequisites: ENG 1010, ENG 1020, written permission of instructor.

FMS 1010 - History of Cinema

Credits: 3

This course explores the history of cinema from its earliest days to the end of the Hollywood "Golden Era," through the lens of social, political and historical analytical models.

FMS 1020 - History of Cinema II

Credits: 3

This course explores the history of Cinema from post war (WWII) to present.

Prerequisites: FMS 1010 or permission of the instructor

FMS 2010 - The Art of Film

Credits: 3

The Art of Film explores the key concepts and vocabulary of cinema. The course provides an introduction to the key areas of critical thinking in film studies, including narrative, aesthetics and genres. Among areas of concentration are: Film Aesthetics: formation vs. realism, Film Structure: narrative and narration, defining a film with genre, the art of film review.

Prerequisites: FMS 1020 or permission from the instructor

FMS 3010 - Film Criticism

Credits: 3

Film Criticism offers an analysis of the various techniques and established critical theories that will provide the conceptual framework to explore the relationship of film to the other arts and sciences. The course will examine the major film theories of the classical theorists such as Einstein and Bazin, the Auteur theory first espoused by the editors of Cahiers du Cinema, as well as the study of Semiotics developed by Christian Metz, Umberto Eco, Roland Barthes, Warren Buckland (Cognitive Semiotics) and others.

Prerequisites: FMS 1020 or permission of the instructor

FMS 4010 - Special Topics in Film

Credits: 3

Designed to acquaint students with specific trends and genres in film studies.

Prerequisites: FMS 1010 or permission of the instructor

COMPUTER INFORMATION TECHNOLOGY

CIT 1002 - Online Computer Competency

Credits: 3

This online course introduces the student to general computer use and to the operation, applications and capabilities of a current operating system. Students will learn to manipulate text, import and modify graphics, create tables, develop presentations, manipulate numeric data, and create charts and graphs. Students will use the Internet to access directories, virtual libraries, archives, and specialized databases. They will download files, evaluate information found on the World Wide Web and demonstrate proficiency in citing Web and Internet resources.

Students will proceed independently using projects and a schedule procured from the instructor. Passing this course satisfies the college's computer literacy requirement. Not open to students who have already demonstrated computer literacy. No credit given to students who have successfully completed CIT 1052 or MTH 1015. Students must have appropriate computer hardware and software to participate in this course including a microphone and headset.

Grading: Pass/Fail.

CIT 1052 - Computer Literacy

Credits: 3

This course introduces the operation, applications and capabilities of personal computers. Students will learn to manipulate text, import and modify graphics, create tables, develop presentations, manipulate numeric data, and create charts and graphs. Students will use the Internet to access directories, virtual libraries, archives, and specialized databases. They will download files, evaluate information found on the World Wide Web and demonstrate proficiency in citing Web and Internet resources. No credit given to students who have successfully completed CIT 1002 or MTH 1015.

CIT 1100 - Fundamentals of Computing

Credits: 3

This course introduces the student to the fundamental concepts and terminology of computing and computer science, including computer hardware components, computer programming concepts, number systems and Boolean algebra, social aspects of computing, current technologies, and additional topics of current importance.

Prerequisites: Information Technology major or minor or permission of division.

CIT 1160 - Spreadsheets and Databases

Credits: 3

This course is a hands-on introduction to computer spreadsheet and database concepts using a popular electronic spreadsheet application and a database management application. Focus is on the organization, interpretation, and presentation of data while working with formulas, charts, graphs and reports.

CIT 1900 - Internet Programming

Credits: 3

Introduces the fundamentals of web page programming for the Internet. The course will focus on web page scripting languages as well as programming languages for web page animation and web applets. The languages will be those supported by the most popular web browsers.

Prerequisites: MSMC requirement for computer literacy.

CIT 2060 - Presentation Media

Credits: 3

This course teaches the student how to use software packages to create presentations for the classroom or business environment, incorporating sound and video, web publishing, and desktop publishing. Strongly recommended for all education and business majors.

Prerequisites: MSMC requirement for computer literacy.

CIT 2100 - Internet Programming II

Credits: 3

This course covers in-depth programming for the Internet. It will focus on advanced client programming using the language supported by the most popular web browsers. This course will be accepted for elective credit for general education in the area of mathematics and natural science.

Prerequisites: CIT 1900.

CIT 2300 - Networking

Credits: 3

An introductory course in networking covering all layers of networking as defined by the OSI Model, the major components of the TCP/IP Suite of networking protocols, and networking hardware technology such as routers and switches.

Prerequisites: MSMC requirement for computer literacy.

CIT 2550 - Introduction to Programming

Credits: 3

This course introduces the student to the fundamental concepts of visual computer programming, including the concepts of structured programming and object-oriented programming, procedures and functions. Students will learn to develop many Windows-based applications.

Prerequisites: CIT 1100 or permission of division.

CIT 3110 - Technologies for Learning

Credits: 3

This course will examine historical foundations, theoretical perspectives, underlying learning theories, case studies, and key enabling technologies in order to provide a critically informed perspective for understanding, designing, and researching online learning communities using web approaches and tools. Class participation will have a major focus on participation in online learning communities, and reflecting on learning via hands-on experiences. Strongly recommended for all education majors.

Prerequisites: MSMC requirement for computer literacy.

CIT 3180 - Server-Side Programming

Credits: 3

This course will provide an in-depth study of server-side programming techniques. The student will learn one or more current server-side or programming languages and learn how they are used to create dynamically generated web pages and to access server-based applications such as data bases and spreadsheets.

Prerequisites: CIT 1900.

CIT 3210 - Distributed Learning

Credits: 3

This course explores the nature and increase of technology initiatives in the U.S. and worldwide and examines its fundamental components. It explores student learning styles in the context of technology and examines various media considerations to implement the most effective technology initiatives. Virtual environments such as Second Life or other similar platforms will be explored.

Prerequisites: CIT 2060 or Co-Requisite CIT 3110.

CIT 3250 - Object Oriented Programming

Credits: 3

Introduces methods of problem definition, analysis, solution and documentation. Uses a high-level programming object-oriented language to teach arithmetic, relational and logical operations, structured programming techniques, debugging, documentation, I/O data formats, and internal subroutines. Topics will introduce concepts of class, member attributes, inheritance, access control, etc. Experience with flowcharting, pseudocode, hardware and software technology is fostered.

Prerequisites: CIT 1100 or permission of the division.

CIT 3400 - Web Site Management

Credits: 3

This course is an in-depth study of web site management. Topics include the creation, maintenance and management of an Internet web site, server and communications requirements, and other hardware, software and procedural requirements.

Prerequisites: CIT 1900 and CIT 2300

CIT 3450 - Computer Architecture and Organization

Credits: 3

This course focuses on the computer as an organized hierarchy of functions from hardware fundamentals to the elements of high-level software, components and circuits. Topics covered include Von Neumann Architecture, the decode-fetch-execute cycle, an descriptions of CPU, Memory, Instruction Set Architecture and I/O functions.

Prerequisites: MTH 2350 or MTH 2450 and CIT 3250 or CIT 1100.

CIT 3550 - Web Page and Web Site Design

Credits: 3

Cross-listed with: ART 3550

This course provides an in-depth analysis of the major concepts and techniques used in webpage and website design. The emphasis is on visual and graphic design.

Prerequisites: ART 1600 , CIT 1052 , or permission of the instructor.

CIT 3610 - Network Operating Systems and Administration

Credits: 3

This course offers an in-depth study of network operations, focusing on installation, operation and configuration of operating systems designed to support network communication. It has a laboratory component in which several network operating systems will be installed and configured.

Prerequisites: CIT 2300.

CIT 3640 - Advanced Object Oriented Programming

Credits: 3

This course is a continuation of CIT 3250 using an appropriate programming language. The objective of the course is to teach the student to construct, code and debug structured computer programs using the

techniques of good programming style. Advanced GUI applications are included in this course.

Prerequisites: CIT 3250 or equivalent.

CIT 3650 - Computer Operation and Management

Credits: 3

This course provides an in-depth study of computer hardware and software, focusing especially on educating the student in how to use a computer and its operating system, including file management, hardware and software installation and configuration, dealing with computer malfunctions and installing upgrades.

Prerequisites: CIT 1100.

CIT 3700 - Systems Analysis and Design

Credits: 3

Course emphasizes the steps of the development life cycle. Topics include methods and procedures used in structured systems analysis: feasibility studies, the systems study, data flow diagrams, data dictionaries, file organization and program specifications. Group projects, which must be completed outside the classroom, culminate in written and oral presentations. CASE tools will be used in the class.

Prerequisites: CIT 3250 or CIT 1160.

CIT 3710 - Managing Technology Resources

Credits: 3

This course will examine the concepts, tools, and computer software for managing classroom functions, timelines, budget, and resources to support their host organization and institution. Students will also learn different skills related to solving performance problems and writing for technical or funding purposes.

Prerequisites: CIT 3650.

CIT 4250 - Network Administration

Credits: 3

This course discusses in detail the administration of a network, including managing user accounts, security and protection, network resources, and other topics of importance to network administrators. A specific network operating system will be used. There will be a laboratory component.

Prerequisites: CIT 3610.

CIT 4310 - Problem Solving and Collaborative Learning with Technologies

Credits: 3

In this course students learn how technologies may be used to promote cooperative learning in problem solving throughout the curriculum. Course content will include active participation in collaborative environments as well as background work in educational theory as it relates to problem solving, collaborative learning, and technology integration.

Prerequisites: CIT 2060 and CIT 3110.

CIT 4350 - Database Management Systems

Credits: 3

This course offers an introduction to fundamental

concepts of database technology including data representation, file organization and models. It includes the treatment of data as an organizational resource and the evolving role of data administrator and characteristics of query language.

Prerequisites: MTH 2350 or MTH 2450 and CIT 3250 or CIT 2550 .

CIT 4400 - Networking Protocols

Credits: 3

This course will present an in-depth discussion of the most important networking protocols. Emphasis on the TCP/IP suite of protocols, as well as the more general concepts of packets and the various IEEE protocol standards.

Pre or Co-requisites: CIT 2300.

CIT 4510 - Instructional Design of Educational Technology

Credits: 3

This course utilizes a process approach to the systematic development of instructional design. Concepts and tools based on learning beliefs and instructional theory will be applied to the development of an instructional technology project. An approved current model such as the ADDIE model will be used to guide exploration on topics including learning beliefs, design tools, analysis, designing instruction, and evaluation. This course is designed for students seeking advanced certification in instructional technology.

Prerequisites: CIT 2060 and CIT 3110 .

CIT 4610 - Network Security

Credits: 3

Introduces the student to the fundamentals of secure networks and their defense. Topics will include protecting networks from denial of service attacks, viruses and worms, and unauthorized intrusion. Security technologies such as firewalls, secure socket layers, and encryption will be covered. Some hands-on lab work will be included.

Prerequisites: CIT 3610.

CIT 4650 - Technology Studio

Credits: 3

This course provides senior students an opportunity to synthesize their knowledge and experience by developing a project appropriate to their area of interest. Each student will submit an approved project proposal, present the progress of his/her work at various points in the semester, and make a formal presentation of the completed project.

Prerequisites: CIT 2060 and (CIT 4510 or CIT 3400)

CIT 4850/4860/4870/4880 - Computer Internship

Credits: (3, 6, 9, 12)

Supervised practical training in networking, web design, educational technology, and other information technology topics. Business, industrial and educational environments will be used.

Prerequisites: Permission of division.

CIT 4910 - Special Topics in Information Technology

Credits: 3
Selected advanced topics in information technology.
Prerequisites: Permission of division.

CIT 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)
Independent investigation of specific computer science topics under guidance of an instructor.
Prerequisites: Permission of division

CRIMINOLOGY

CRI 1110 - Introduction to Criminology

Credits: 3
This is an overview of the discipline of criminology. It examines the nature, causation, effects and prevention of crime and criminal behavior, using major theoretical perspectives; the sociological patterns of crime and criminals; the sociology of criminal law; crime typologies; trends in reported crime; and how crime is measured.
Prerequisites: None.

CRI 2210 - Violence in the Community

Credits: 3
Cross-listed with: SOC 2210
This course examines the changes in the methods, patterns, and meanings of violence. It explores individual and collective violence in all of its varying contexts, including the home, the streets, schools, the media, the police, and international terrorism. The major theories explaining the causes of violence, and important research about attitudes toward violence and the use of force to bring about change are reviewed.
Prerequisites: CRI 1110

CRI 2250 - Victims of Crime

Credits: 3
Cross-listed with: SOC 2250.
This course will introduce students to the study of crime victims. Topics will include the characteristics of crime victims, patterns in crime reporting, the psychological, social, and financial impact of crime victimization, the relationship between victims and the criminal justice system, and the views of crime victims by society at large. Recent policies that aim to protect victims' rights and programs that advocate for victims will be evaluated.
Prerequisites: CRI 1110.

CRI 2310 - History of Crime and Punishment in the U.S.

Credits: 3
This course will review historical trends in the definition of crime, patterns of criminal behavior, and the American justice system. Students will learn how explanations for crime and ideas about deterrence and rehabilitation have evolved over the course of U.S. history. The roles of police forces and the emergence and growth of prisons will be explored. Students will learn to place contemporary debates about crime and punishment in their historical context.
Prerequisites: CRI 1110

CRI 3110 - Hate Crimes

Credits: 3
Cross-listed with: SOC 3110
This course reviews the history and evolution of hate crimes, critically examines hate crime laws (national and international) and the enforcement of such laws, and covers the sociological and psychological theories of why people commit hate crimes. Students will also learn strategies for reducing hate and promoting tolerance in their communities.
Prerequisites: CRI 1110

CRI 3130 - Comparative Criminology

Credits: 3
This course will provide an analysis of crime and criminal justice systems in selected countries and cultures. Emphasis will be placed on the ways in which these countries and cultures define crime and respond to criminal behavior. This course will also address how different societies structure their justice systems to meet their goals and reflect their values.
Prerequisites: CRI 1110 or SOC 1010.

CRI 3150 - Juveniles and Crime

Credits: 3
This course is a survey of the major theories explaining juvenile delinquency. This issue will be examined from sociological, biological and psychological perspectives. Current movements in the prevention of juvenile crime and the treatment of delinquents will be discussed in detail.
Prerequisites: CRI 1110.

CRI 3160 - Deviance & Crime

Credits: 3
Cross-listed with: SOC 3160
This course will provide an examination of deviant behavior in American society. Topics covered include definitions and theories of deviance as well as various types of deviant behavior, including drug use and alcoholism, mental illness, crime, prostitution and other forms of sexual deviance.
Prerequisites: CRI 1110

CRI 3300 - Law and Society

Credits: 3
Cross-listed with: SOC 3300
A study of the general nature, development and principles of criminal conduct to include a review of the New York State Penal code and other selected state penal codes. The course codes to current real life situations. This course provides an overview of the history of law, the legislative process and the implications of modern day theory in Criminology.
Prerequisites: CRI 1110

CRI 3310 - Conflict and Resolution

Credits: 3
Cross-listed with: SOC 3310
This course is an introduction to the restorative/transformational justice paradigm. It begins with an overview of modern criminal justice systems, with a focus on the centrality of punishment in responses to crime. The idea of "justice" is considered and debated in terms of the restorative and retributive

justice concepts. Particular attention is paid to the important elements of values and relationships in restorative justice practices. Issues relating to the three key stakeholder groups-victims, offenders, and community are discussed and debated. An introduction to existing program models in restorative justice will be provided.
Prerequisites: CRI 1110

CRI 3520 - Issues in Race, Class, & Crime

Credits: 3
This course considers the interrelationships among race and class in the criminal justice system and considers the patterns and variations in crime across these variables. Theories of criminality regarding these variables will be introduced and critiqued. This course will also explore racial, ethnic, and economic minorities as offenders and victims, with particular emphasis given to criminal justice sanctions of crimes by and against minorities.
Prerequisites: CRI 1110, SOC 3410.

CRI 3550 - Women and Crime

Credits: 3
This course examines criminology and criminal justice issues as they relate specifically to women. Major areas of coverage include (1) women and girls as victims of crime; (2) women and girls as criminal offenders; and, (3) women working in the criminal justice system. This course will also include a study of the nature and extent of women's crimes; theories of female criminality; processing of women offenders through the criminal justice system; the response of police, court officials, corrections to female offenders and victims; societal responses to women as victims of crime; and, opportunities for women as employees in criminal justice agencies.
Prerequisites: CRI 1110, SOC 1010 .

CRI 4110 - Mental Illness, Crime, & the CJS

Credits: 3
This course introduces students to a growing crisis facing the U.S. criminal justice system: the growing numbers of mentally ill offenders in the criminal justice system. Following a consideration of the needs of individuals with mental illness, the course focuses on the treatment and management of mentally ill offenders at each stage of the criminal justice system, from initial contact with law enforcement to re-entry into the community.
Prerequisites: CRI 1110, SOC 1010, PSY 1010.

CRI 4400 - Special Topics in Criminology

Credits: 3
This course will explore important current issues in criminology. Topics will vary by semester. May be taken twice for different topics, with division permission. Course counts as an elective for the Sociology-Criminology concentration.
Prerequisites: CRI 1110 or SOC 1010.; Junior-level standing.

CRI 4850/4860 - Criminology Internship

Credits: (3,6 SCH)
Criminology internships provide an exceptional opportunity for students to bridge the gap between

academia and the professional world so that students may begin to apply theoretical knowledge and develop an awareness of the responsibilities to be encountered upon entering careers related to sociology/criminology. Students will be placed in criminology-related settings to reinforce academic concepts covered in class through practical experiences and also assist students in making career choices. As part of the course requirement, students will be required to meet once/week on campus.
Grading: Pass/Fail.
Prerequisites: SOC/CRI concentration major; Junior-level standing.

CRI 4970/4980/4990 - Independent Study

Credits: (1,2,3 SCH)
Independent reading and research centered on a specific criminological problem or issue under the guidance of a full-time faculty member .
Prerequisites: CRI 1110 or permission of instructor.

EARTH SCIENCE

ERS 1030 - Introductory Earth Science I

Credits: 3
An integrated study of physiography, mineralogy, geology, and geography.
Lecture hours/Lab hours: 2 hours lecture, 2 hours lab.
Prerequisites: MTH 0110 or satisfactory score on mathematics screening test. ERS 1030 is not a prerequisite for ERS 1040.

ERS 1040 - Introductory Earth Science II

Credits: 3
An integrated study of astronomy and meteorology.
Lecture hours/Lab hours: 2 hours lecture, 2 hours lab
ERS 1030 is not a prerequisite for ERS 1040.
Prerequisites: MTH 0110 or satisfactory score on mathematics screening test.

ECONOMICS

ECO 1010 - Principles of Economics, Macro

Credits: 3
A systematic examination of the determinants of aggregate economic performance. This course begins with the foundations of economic theory and introduces the student to economic model building. Topics include supply, demand and market equilibrium price; national income accounting; theories of income determination; money, banking, and elementary monetary theory; fiscal and monetary policies dealing with inflation, unemployment and economic growth. Also, current issues will be evaluated.
Prerequisites: MTH 1400, MTH 1500, MTH 2300, MTH 2510 or placement out of any of these courses.

ECO 1020 - Principles of Economics, Micro

Credits: 3
A systematic examination of the principles governing economic behavior in market-oriented systems. Market pricing, consumer behavior,

modeling, production, costs, market structures and their economic performance are analyzed. Application of these principles in contemporary techniques for rational- decision making.
Prerequisites: MTH 1400, MTH 1500, MTH 2300, MTH 2510 or placement out of any of these courses.

ECO 4020 - Managerial Economics

Credits: 3

An applied micro-economics course. It stresses current decision-making and forward planning in relation to the uses of economic theory in business management as well as stressing linear programming and other techniques.

Prerequisites: ECO 1010, ECO 1020.

ECO 4070 - Social Economics

Credits: 3

A study of contemporary socioeconomic issues, their history, impact and context. There will be an emphasis on the norms of economic analysis and standards of social equity.

Prerequisites: ECO 1010, ECO 1020.

ECO 4080 - U.S. in the World Economy

Credits: 3

Cross-listed with: BUS 4103

Provides the student with an understanding of the economic situation and prospects of the United States as it faces new international challenges. Includes a description of fundamental economic issues and policy questions. It deals with the competitive struggle between the U.S., the European Community and Japan.

Prerequisites: ECO 1010, ECO 1020.

EDUCATION

ED 2051 - Orientation to Teaching

Credits: 1

Required of all education students planning to enter the teaching education program. This course provides opportunities to observe instruction, examine the role of the teacher and others in education, and obtain insights into teaching as a career to students who may be interested in teaching. Includes selected aspects of the history of education. Also includes information about the current job market in education. Students will become involved in supervising and tutoring pupils and in performing other related tasks. Students' speech and writing skills will be assessed in order to determine successful teaching potential. Ten hours of field work is required.

Grading: Pass/Fail.

ED 2110 - Methods in Mathematics for Childhood Education

Credits: 3

This course focuses on methods of teaching elementary mathematics. Current theories and relevant research will be examined. Candidates will learn instructional strategies to teach major concepts and procedures that define number and operations, algebra, geometry, measurement, and

data analysis and probability. Lesson planning will also be a focus, with an emphasis on engaging students in critical thinking, problem solving, communication, and collaboration. Candidates learn to interpret different types of results from standardized tests and demonstrate the ability to explain test results to parents. Instructional approaches and assessment tools will be demonstrated and applied in field experiences. Fieldwork is required.

Prerequisites: 85% or better on all three Educational Proficiency Exams; one college level math course.

ED 2120 - Literacy, Teaching, and Learning for Diverse Childhood Learners

Credits: 4

This course focuses on children's language and literacy development. Instructional approaches and assessment tools will be demonstrated and applied in field experiences. The prospective childhood teacher will learn processes of language acquisition; socio-cultural factors which affect development of speaking, listening, reading and writing; and distinctions between language differences and language disorders. Candidates will study and apply various approaches for teaching reading, writing, listening and speaking that can be used for students with and without disabilities in group and classroom settings. Candidates will also learn the nature and purposes of diagnostic, formative, and summative evaluation and different forms of each. Fieldwork is required.

Prerequisites: 85% or better on all three Educational Proficiency Examinations.

ED 2510 - Language Arts Methods for Childhood Education

Credits: 3

This course focuses on elementary children's literacy development in the English language arts. The prospective childhood teacher will study learning contexts, assessment tools and instructional approaches to support lifelong readers and writers with all learners, including English language learners and students with and without disabilities. Candidates will learn instructional strategies for the six language arts: reading, writing (spelling, grammar, writing process), listening, speaking, viewing, and visually representing to engage childhood students as readers, writers, and communicators in ways that respect sociocultural heritage. Fieldwork is required.

Prerequisites: 85% or better on all three Education Proficiency Examinations; a grade of C+ or better in ED 2120

ED 2520 - Science and Technology Methods for Childhood Education

Credits: 3

Candidates will study methods for teaching science in childhood classrooms—including physical, life, and earth and space sciences—as well as concepts in science and technology, science in personal and social perspectives, the history and nature of science, and the unifying concepts of

science. Candidates will create lesson plans that integrate math, science and technology, and the inquiry processes scientists use in discovery of new knowledge to build a base for scientific and technological literacy, including the role of data and analysis. Instructional approaches and assessment tools will be demonstrated and applied in field experiences. Fieldwork is required.

Prerequisites: 85% or better on all three Education Proficiency Examinations; one science laboratory course.

ED 3090 - Creative Arts for the Elementary School

Credits: 2

Cross-listed with: ART 3090 .

Experimentation in diversified media and techniques designed to fulfill the child's interests, needs, capabilities and creative potential, projects suitable for grades K-6 and special education classes.

ED 3120 - Social Studies Methods for Childhood Education

Credits: 3

Candidates will study the major concepts and modes of inquiry from the social studies- the integrated study of history, geography, the social sciences, and other related areas- to promote elementary students' abilities to make informed decisions as citizens of a culturally diverse democratic society and interdependent world. Instructional approaches and assessment tools will be demonstrated and applied in field experiences. Candidates will learn to develop a unit plan and valid teacher made tests in relation to unit and lesson planning. Fieldwork is required.

Prerequisites: 85% or better on all three Educational Proficiency Examinations; one course in history and a grade of at least C+ or better in at least two of the following: ED 2110, ED 2510 or ED 2520

ED 3191 - Teaching Literacy in the Content Areas

Credits: 3

This course is designed to introduce students to the methods and materials used with childhood aged school pupils (1-6) for comprehension and study in the content areas. The goal of this course is to help students understand how pupils read to learn. Students will study and apply various strategies to teach pupils with and without disabilities in group and classroom settings.

Prerequisites: A grade of C+ or better in ED 3061 .

ED 3201 - Literacy in the Content Areas for Adolescence Education

Credits: 3

This course is designed to introduce students to the methods and materials used with secondary students for effective comprehension and study of the content areas. Adaptations needed to teach disadvantaged students, English language learners, and students with disabilities will be studied.

Prerequisites: A grade of C+ or better in ED 3331 or approval of the instructor. Corequisites: ED 340_ courses

ED 3240 - Basics of Literary Instruction for Adolescence Education

Credits: 3

Students preparing to teach biology, chemistry, English, mathematics, social studies or Spanish at the adolescence level will gain the concepts and skills necessary to support the literacy learning of pupils in grades 7-12. The course will be focused on the nature of reading, strategies for assessing pupils' reading levels and for selecting appropriate text materials, approaches for supporting struggling readers or pupils who are English language learners, and methods of improving pupils' skills in work attack, comprehension and vocabulary.

Pre or Co-requisites: PSY 3230 and passing score of 85% or better on all education proficiency exams.

ED 3302 - Introduction to Instruction and Assessment for Adolescence Education

Credits: 3

This introductory course is designed to provide an overview of a variety of general pedagogical models of instruction that can be applied across secondary content areas. Students will be introduced to models from the social, information processing, personal, and behavioral families. Students will be provided opportunity to align appropriate models of instruction as part of the lesson planning process to support state and national standards. Students will also begin to develop skill in designing and offering differentiated instruction for all students.

They will explore how assessment aids instructional decision-making. Fieldwork is required.

Prerequisites: Passing score of 85% or better on all three Education Proficiency Examinations.

ED 3305 - Curriculum and Assessment in Grades 7-12 Mathematics

Credits: 3

Students will understand the progression of New York State standards and national standards from the intermediate level to the commencement level in mathematics in grades 7 through 12. Implications for instruction and assessment will be expanded in lesson planning through the concepts of curriculum mapping, the spiral curriculum, essential questions, and alternate forms of curriculum design. Candidates will learn how to interpret different types of results from standardized tests and demonstrate the ability to explain test results to parents. They will also explore how to create, analyze, adapt, and implement multiple forms of assessment. This course is designed to develop content pedagogy. Fieldwork is required.

Prerequisites: A grade of C+ or better in ED 3302

ED 3306 - Curriculum and Assessment in English, 7-12

Credits: 3

Students will understand the progression of New York State standards and national standards (NCTE) from the intermediate level to the commencement level in English in grades 7 through 12. Implications for instruction and assessment will be expanded in lesson planning through the concepts of

curriculum mapping, the spiral curriculum, essential questions, and alternate forms of curriculum design. Candidates will learn how to interpret different types of results from standardized tests and demonstrate the ability to explain test results to parents. They will also explore how to create, analyze, adapt, and implement multiple forms of assessment. This course is designed to develop content pedagogy. Fieldwork is required.

Prerequisites: A Grade of C+ or better in ED 3302

ED 3307 - Curriculum and Assessment in Grades 7-12 Science

Credits: 3

Students will understand the progression of New York State standards and national standards from the intermediate level to the commencement level in science in grades 7 through 12. Implications for instruction and assessment will be expanded in lesson planning through the concepts of curriculum mapping, the spiral curriculum, essential questions, and alternate forms of curriculum design. Candidates will learn how to interpret different types of results from standardized tests and demonstrate the ability to explain test results to parents. They will also explore how to create, analyze, adapt, and implement multiple forms of assessment. This course is designed to develop content pedagogy. Fieldwork is required.

Prerequisites: A grade of C+ or better in ED 3302.

ED 3307 - Curriculum and Assessment in Science, 7-12

Credits: 3

Students will understand the progression of New York State standards and national standards (NSTA) from the intermediate level to the commencement level in science in grades 7 through 12. Implications for instruction and assessment will be expanded in lesson planning through the concepts of curriculum mapping, the spiral curriculum, essential questions, and alternate forms of curriculum design. Candidates will learn how to interpret different types of results from standardized tests and demonstrate the ability to explain test results to parents. They will also explore how to create, analyze, adapt, and implement multiple forms of assessment. This course is designed to develop content pedagogy. Fieldwork is required.

Prerequisites: A grade of C+ or better in ED 3302

ED 3308 - Curriculum and Assessment in Social Studies, 7-12

Credits: 3

Students will understand the progression of New York State standards and national standards (NCSS) from the intermediate level to the commencement level in social studies in grades 7 through 12. Implications for instruction and assessment will be expanded in lesson planning through the concepts of curriculum mapping, the spiral curriculum, essential questions, and alternate forms of curriculum design. Candidates will learn how to interpret different types of results from standardized

tests and demonstrate the ability to explain test results to parents. They will also explore how to create, analyze, adapt, and implement multiple forms of assessment. This course is designed to develop content pedagogy. Fieldwork is required.

Prerequisites: A grade of C+ or better in ED 3302

ED 3309 - Curriculum and Assessment in Spanish, 7-12

Credits: 3

Students will understand the progression of New York State standards and national standards (ACTFL) from the intermediate level to the commencement level in Spanish in grades 7 through 12. Implications for instruction and assessment will be expanded in lesson planning through the concepts of curriculum mapping, the spiral curriculum, essential questions, and alternate forms of curriculum design. Candidates will learn how to interpret different types of results from standardized tests and demonstrate the ability to explain test results to parents. They will also explore how to create, analyze, adapt, and implement multiple forms of assessment. This course is designed to develop content pedagogy. Fieldwork is required.

Prerequisites: A grade of C+ or better in ED 3302

ED 3405 - Mathematics Methods

Credits: 3

This course is designed to give an overview of specific methods, materials, and curriculum for teaching specific content area and interdisciplinary connections in keeping with New York State Learning Standards as well as related national standards as specified by the NCTM (National Council of Teachers of Mathematics). Students will focus on curriculum and unit development through lesson development using a variety of teaching approaches and the creation of a basic unit plan. This will include individualized and student-centered approaches to instruction and adaptation for students with disabilities. Consideration will be given to the integration of technology for teaching. This course is designed to develop content pedagogy capacity. Field work is required.

Prerequisites: A grade of C+ or better in ED 3305
Corequisites: ED 3201

ED 3406 - English Methods

Credits: 3

This course is designed to give an overview of specific methods, materials, and curriculum for teaching specific content area and interdisciplinary connections in keeping with New York State Learning Standards as well as related national standards as specified by the NCTE (National Council of Teachers of English). Students will focus on curriculum and unit development through lesson development using a variety of teaching approaches and the creation of a basic unit plan. This will include individualized and student-centered approaches to instruction and adaptation for students with disabilities. Consideration will be

given to the integration of technology for teaching. This course is designed to develop content pedagogy capacity. Field work is required.

Prerequisites: A grade of C+ or better in ED 3306

Corequisites: ED 3201

ED 3407 - Science Methods

Credits: 3

This course is designed to give an overview of specific methods, materials, and curriculum for teaching specific content area and interdisciplinary connections in keeping with New York State Learning Standards as well as related national standards as specified by the NSTA (National Science Teachers Association). Students will focus on curriculum and unit development through lesson development using a variety of teaching approaches and the creation of a basic unit plan. This will include individualized and student-centered approaches to instruction and adaptation for students with disabilities. Consideration will be given to the integration of technology for teaching. This course is designed to develop content pedagogy capacity. Field work is required.

Prerequisites: A grade of C+ or better in ED 3307
Corequisites: ED 3201

ED 3408 - Social Studies Methods

Credits: 3

This course is designed to give an overview of specific methods, materials, and curriculum for teaching specific content area and interdisciplinary connections in keeping with New York State Learning Standards as well as related national standards as specified by the NCSS (National Council for the Social Studies). Students will focus on curriculum and unit development through lesson development using a variety of teaching approaches and the creation of a basic unit plan. This will include individualized and student-centered approaches to instruction and adaptation for students with disabilities. Consideration will be given to the integration of technology for teaching. This course is designed to develop content pedagogy capacity. Field work is required.

Prerequisites: A grade of C+ or better in ED 3308
Corequisites: ED 3201

ED 3409 - Spanish Methods

Credits: 3

This course is designed to give an overview of specific methods, materials, and curriculum for teaching specific content area and interdisciplinary connections in keeping with New York State Learning Standards as well as related national standards as specified by the ACTFL (American Council on the Teaching of Foreign Languages). Students will focus on curriculum and unit development through lesson development using a variety of teaching approaches and the creation of a basic unit plan. This will include individualized and student-centered approaches to instruction and adaptation for students with disabilities.

Consideration will be given to the integration of technology for teaching. This course is designed to develop content pedagogy capacity.

Prerequisites: A grade of C+ or better in ED 3309

Corequisites: ED 3201

ED 3470 - Curriculum and Instruction for Early Adolescence Education

Credits: 3

The student will examine curricular implications of developmental characteristics of middle school/junior high school students (10-14 years). Students will learn to: a) design and adapt instruction to accommodate the needs of early adolescents including those with disabilities, b) respond to a range of maturities within and among students, and c) communicate effectively with individuals from a variety of cultures. Fieldwork is required.

Prerequisites: A grade of C+ or better in ED 340_ AND ED 3120

ED 3480 - Practicum for Middle Childhood Education

Credits: 3

Students will complete a supervised practicum and participate in all designated seminars. This course provides for applying knowledge and skills, developed through required courses, in middle childhood education.

Grading: Pass/Fail.

Prerequisites: 2.75 Grade Point Average, a passing grade in student teaching, and completion of application for practicum experience, a grade of C+ or better in all courses required for certification including a passing grade in ED 3470.

ED 3551 - IEP and Transition Planning

Credits: 3

The focus of the course is developing individual educational programs (IEPs) that are valid and that conform with NYS Part 200 Regulations for Students with Disabilities. As part of this process, candidates will demonstrate knowledge of state regulations regarding transition planning and will learn to apply this knowledge to preparing IEPs that include appropriate transition assessment, measurable post-secondary goals, and transition activities.

Prerequisites: PSY 3401

ED 4011 - Student Teaching in the Elementary School

Credits: 9

A student shall complete a semester of full-day, supervised instructional experience, including one week of structured observation in each student teaching experience. Students will spend half of the time in a 1-3 placement and half in a 4-6 placement. Those students pursuing dual certification in childhood education and special education (1-6) will spend half of the time in an elementary program and half in a program for students with disabilities (including one week of structured observation); one of these placements will be at the 1-3 level and the other at the 4-6 level. Student teaching

requires a full-time commitment. No course other than ED 4240 may be taken concurrently with student teaching unless the student obtains written permission from the chairperson of the Division of Education. Students are required to participate in all designated student teaching seminars and ED 4030. *Prerequisites: 2.75 Grade Point Average. All applicants for student teaching must be recommended by the Education Division as having evidenced potential for teaching on the elementary school level and/or special education classes, and must have achieved a grade of C+ or better in all certification courses required before student teaching.*

Corequisites: ED 4030 and ED 4240.

ED 4201 - Student Teaching in the Secondary School

Credits: 9

A student shall complete a semester of full-day, supervised instructional experience including one week of structured observation in each student teaching placement. Students will spend half of the time in a 7-9 placement and half in a 10-12 placement. Those students pursuing dual certification in adolescence and special education (7-12) will spend half of the time in a secondary program and half of the time in a program for students with disabilities (including one week of structured observation); one of these placements will be at the 7-9 level and the other at the 10-12 level. Student teaching requires a full-time commitment. No course other than ED 4240 may be taken concurrently with student teaching unless the student obtains written permission from the chairperson of the Division of Education. Students are required to participate in all designated student teaching seminars and in ED 4030 (Workshop in Health Education).

Prerequisites: 2.75 Grade Point Average. All applicants for student teaching must be recommended by the Education Division as having evidenced potential for teaching on the secondary level and achieved a grade of C+ or better in all certification courses required before student teaching.

Corequisites: ED 4030 and ED 4240.

ED 4030 - Workshop in Health Education

Credits: 0

A seminar designed to address issues concerning preventive educational strategies for drug and substance abuse, identification and referral; HIV-AIDS education, child abduction, safety education and fire and arson prevention. Two hours will be spent on the identification and reporting of suspected child abuse or maltreatment.

Corequisites: ED 4011 or ED 4021 and ED 4240.

ED 4031 - Child Abuse Health and Safety Education Workshop

Credits: 0

This seminar is presented in three parts. One part addresses issues concerning the identification and reporting of suspected child abuse and maltreatment (three hours). The next part covers

preventive strategies for alcohol, tobacco and other drug abuse as well as methods of transmission and progression of HIV and AIDS (two hours). The additional section focuses on providing safety education, including child abduction and personal safety, as well as instruction in fire and arson prevention (three hours). Training in all three of these areas is a New York State Department of Education requirement for all education certification titles.

This training is covered over a two day period. Please consult the Registrar's page, Division of Education Bulletin Boards and the web portal for dates and times of each individual component.

ED 4240 - Integrative Fieldwork

Credits: 3

The purpose of these two, one-week experiences is for candidates to integrate leaning holistically for all required certification courses by recognizing and categorizing observed curriculum and alignment with learning standards, teaching models, classroom management strategies, and established collaboration and communication procedures in the assigned setting.

Corequisites: ED 4011 or ED 4021 and ED 4240.

ED 4500 - Special Topics: Literacy

Credits: 3

Intensive study of a particular aspect of literacy education instruction not specifically covered in the general curriculum.

ED 4650 - Response to Intervention and Collaboration

Credits: 3

Candidates will develop understanding of the nature and purpose of response to intervention (RtI) and of why it is being implemented at a national and state level. They will learn essential components to be implemented at each tier of intervention, with emphasis on their role as special educators regarding using curriculum based measurement for progress monitoring and regarding analyzing and prescribing for students' needs within an RtI problem solving protocol. In addition, candidates will learn models and skills for collaborating with general educators and other colleagues in maximizing learning for all students and especially for those with disabilities.

Prerequisites: PSY 3401 and ED 2110 and ED 2120

ED 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Individualized reading, research and/or field service under the direction of a faculty adviser.

Prerequisites: Written permission of instructor.

ED 5001 - Introduction to Special Education

Credits: 3

This course is focused on the historical, social, and legal concepts of special education, including individual differences in human developmental processes and variations, learning processes, motivation and the characteristics of students

within the full range of disabilities and special healthcare needs. Categorical definitions, both federal and NYS, continuum of services, referral and identification procedures, uses of assistive technology, and post-school outcomes will be discussed. The course is intended for beginning level or non-special education teachers. Fieldwork is required.

ED 5042 - Applied Research in Behavior Management

Credits: 3

This course is focused on understanding the relationship among learning processes, motivation, communication, and classroom management, with application of that understanding to stimulate and sustain pupil interest, cooperation, and achievement and to promote positive social interaction. Students will learn to design, implement, and evaluate behavior management programs and to monitor pupil progress through observational data to make efficient and responsible decisions. Students will also learn the nature and purpose of functional behavioral assessment and its relationship to IEP and IAP planning. Training in school violence prevention in accordance with state regulations will be conducted for at least two hours. Students must earn a grade of at least B in this course to be eligible for student teaching or practica. Fieldwork is required.

This course may not be transferred into Mount Saint Mary College.

Prerequisites: ED 5001 or its equivalent.

ED 5201 - Measurement and Evaluation for Pupils with and without Disabilities

Credits: 3

Competencies in developing teacher-made assessment devices, administering and interpreting standardized tests results, and evaluating pupils' progress will be emphasized.

Prerequisites: ED 5911 or ED 5251 .

ED 5210 - Nature of Schools in Education for All Children

Credits: 3

The goals and assumptions of American education will serve as a basis for critically examining the cultural, social, economic, and technological trends and developments affecting pupils, schools, and their staffs. Issues addressed will include: the breakdown of the nuclear family, latch-key children, alienation, psychological evaluation, multiculturalism, poverty, equity, the development of a sense of community and respect for one another, and excellence for children with and without disabilities. Examination of historical, legal and sociological contexts will illuminate the complexities and conflicts in initiating change in schools and an entitlement program such as special or remedial education.

ED 5210 - Nature of Schools in the Education of All Children

Credits: 3

The goals and assumptions of American education

will serve as a basis for critically examining the cultural, social, economic, and technological trends and developments affecting pupils, schools, and their staffs. Issues addressed will include: the breakdown of the nuclear family, latch-key children, alienation, psychological evaluation, multiculturalism, poverty, equity, the development of a sense of community and respect for one another, and excellence for children with and without disabilities. Examination of historical, legal and sociological contexts will illuminate the complexities and conflicts in initiating change in schools and an entitlement program such as special or remedial education.

ED 5220 - Theories, Research and Application of Adolescent Development

Credits: 3

This course examines the nature of adolescent development. The biological, cognitive, and socioeconomic contexts within which pupils grow to maturity are considered in the light of research findings. Creating a safe and nurturing atmosphere in schools in the face of such challenges as substance abuse, teen pregnancy, and distractions resulting from entertainment and media will be addressed.

This course may not be transferred into Mount Saint Mary College.

ED 5231 - Content Area Literacy in the Secondary School for Pupils with and without Disabilities

Credits: 3

This course emphasizes the methods and strategies used to teach literacy in conjunction with teaching literature, mathematics, social studies, and science. Strategies for assessing content literacy needs and for developing vocabulary, study skills, and constructing meaning from a variety of texts are presented. Alternative approaches for teaching pupils who are struggling literacy learners, pupils with disabilities, and English language learners will be presented. Fieldwork is required.

This course may not be transferred into Mount Saint Mary College.

Prerequisites: A grade of B or better in ED 5441 or its equivalent and one of the following: ED 5543 , ED 5544 , ED 5551 , or ED 5561 .

ED 5251 - Curriculum and Methods for Adolescence Education

Credits: 3

Knowing and applying the New York State Learning Standards is the starting point for this course. Students analyze a variety of approaches to instruction and consider how each might further the purposes of the state curriculum as well as curriculum approaches historically used in special education. The nature of adolescence, with its great diversity of physical, social, emotional and other issues which influence the behavior of pupils, is also viewed in the differentiation of instruction and in the use of task analysis to regulate content

difficulty. Topics include motivation and classroom management. Fieldwork is required. Students must earn a grade of at least B or better in this course. This course may not be transferred into Mount Saint Mary College

ED 5252 - Introduction to Instruction & Assessment for Adolescence Education (General Pedagogy)

Credits: 3

This introductory course is designed to provide an overview of a variety of general pedagogical models of instruction that can be applied across secondary content areas. Students will be introduced to models from the social, information processing, personal, and behavioral families. Students will be provided opportunity to align appropriate models of instruction as part of the lesson planning process to support state and national standards. Students will also begin to develop skill in designing and offering differentiated instruction for all students. They will explore how assessment aids instructional decision-making. Fieldwork is required.

ED 5390 - Collaboration with Parents

Credits: 3

Designed to give teachers the knowledge and skills necessary to communicate with parents, administrators and other professionals that will optimize student learning. The course deals with the collaborative process necessary for working together to help all pupils perform successfully including the development of skills in conflict resolution.

Prerequisites: Pre or Co-requisite: Successful completion of 12 graduate credits.

ED 5441 - Basics of Literacy Instruction for Adolescence Education

Credits: 3

Students preparing to teach biology, chemistry, English, mathematics, social studies or Spanish at the adolescence level will gain the concepts and skills necessary to support literacy learning of pupils in grades 7-12. The course will focus on the nature of reading, strategies for assessing students' reading levels and for selecting appropriate text materials, approaches for supporting struggling readers or students who are English language learners, and methods of improving students' skills in word attack, comprehension and vocabulary. Fieldwork is required.

Pre or Co-requisite: None.

ED 5464 - Student Teaching

Credits: 6

A student shall complete a semester of supervised instructional experience in a designated area cooperating school. Half of the semester will be at the grade 7-9 level and the other half will be at the grade 10-12 level. Student Teaching requires a full-time commitment. No personal activity such as courses or part-time work may interfere with the student teaching experience. Seminars included. Student teacher candidates in childhood education

will be required to pass the LAST and the Content Specialty Test in multi-subject childhood on or before completion of 12 graduate credits and prior to matriculation.

Prerequisites: All applicants for student teaching must be matriculated and recommended by the Division of Education as having evidenced potential for effective teaching on the secondary school level. All course work must be completed and the student must have earned a grade of at least B in ED 5042, ED 5231, ED 5251, ED 5441, ED 5710 and one of the following: ED 5543, ED 5544, ED 5551, or ED 5561 before Student Teaching in Secondary Education and must be in good academic standing.

ED 5521 - Health Workshop

Credits: 0

This seminar is designed to address issues concerning the identification and reporting of suspected child abuse and maltreatment (two hours). In addition the following topics will also be covered: preventive strategies for alcohol, tobacco and other drug abuse; methods of transmission and progression of HIV and AIDS; instruction in providing safety education, including child abduction; and instruction in fire and arson prevention.

ED 5567 - CONTENT - SCIENCE METHODS (NSTA - National Science Teachers Association)

Credits: 3

This course is designed to give an overview of specific methods, materials, and curriculum for teaching specific content area and interdisciplinary connections in keeping with New York State Learning Standards as well as related national standards as specified by ACTFL, NCTE, NCSS, NCTM, NSTA. Students will focus on curriculum and unit development through lesson development using a variety of teaching approaches and the creation of a basic unit plan. This will include individualized and student-centered approaches to instruction and adaptation for students with disabilities. Consideration will be given to the integration of technology for teaching. This course is designed to develop content pedagogy capacity. Field work is required.

ED 5700 - Teaching with Technology

Credits: 3

Students will examine how technology can be integrated with the teaching/learning process. Topics include students' attitudes toward technology and how they differ from the attitudes of teachers, the changing role of teachers when technology is introduced into the classroom, specific teaching/learning activities that use technology, ways to use technology to meet the unique needs of pupils with disabilities, advantages and limitations of integrating technology into teaching, challenges faced by teachers committed to integrating technology into the classroom, and other issues and topics related to teaching and

technology.

Prerequisites: ED 5251 or ED 5911 or their equivalents; proficiency in computer use.

ED 5710 - Differentiated Instruction

Credits: 3

This course is focused on designing and offering differentiated instruction, accommodations and modification to enhance the learning of all students with particular attention to pupils with special needs, such as pupils with disabilities, pupils who master material quickly, and pupils with language differences. Topics to be covered include current research and theories on learning styles, multiple intelligences, and brain-compatible instruction. Collaboration among pupils and teachers in the development of instructional activities will be addressed, as well as the application of technological resources in instructional design. Students will be required to design and implement lesson plans that are differentiated according to activities, assignments, and evaluation. Students must earn a grade of B or better to be eligible for ED 5052, ED 5464, ED 5465, ED 5466 and ED 5640. Fieldwork is required.

Prerequisites: ED 5001 or its equivalent and ED 5251 or ED 5921 or their equivalents.

ENGLISH

ENG 0120 - Basic Writing Skills

Credits: 0

Entrance into English 0120 is determined by placement testing. This course prepares the student in need of improvement in grammar, sentence structure, usage and punctuation. The student will submit writing samples on a regular basis. Drills and exercises are intended to lead first to the writing of short samples and ultimately to the writing of essays characterized by clarity, organization and style.

ENG 0130 - Critical Reading

Credits: 0

A full semester that teaches students the critical reading skills required for success in college course work with an emphasis on understanding direct statements, vocabulary, main and subordinate ideas, outlining, organizing information, drawing inferences, making judgments, and applying these strategies to reading. Students earn a grade of P, which signals successful completion of the course, or DE, which means the student has passed ENG 0130 but must complete ENG 0140, Advanced Critical Reading.

ENG 0140 - Advanced Critical Reading

Credits: 0

A five week module that teaches students the critical reading skills required for success in college course work with emphasis on drawing inferences, making judgments, and applying these strategies to reading. A grade of P is required for successful completion of this course. Students must pass a uniform exit examination.

ENG 1010 - College Writing

Credits: 3

Cross-listed with: HON 1010

Development of writing skills with emphasis on using the writing process in both documented and undocumented essays and in the writing of a research paper.

Prerequisites: Meeting the college's placement criteria.

ENG 1020 - Forms of Literature

Credits: 3

Cross-listed with: HON 1020

A study of the literary forms of fiction, drama and poetry with attention to characterization, plot development and structure, use of figurative language, and understanding of literary techniques. Emphasis on the process of writing critical essays in response to literature.

Prerequisites: ENG 1010 or HON 1010.

ENG 2010 - Major English Authors I

Credits: 3

Close and selective reading of works by representative English writers from early times to the present. Included are Chaucer, Spenser, Shakespeare, Donne, Dryden, Pope, Swift, Wordsworth, Keats, Hopkins and T.S. Eliot. Attention is given to the development of the language and its effect on poetry and prose.

Prerequisites: ENG 1010, ENG 1020.

ENG 2020 - Major English Authors II

Credits: 3

Close and selective reading of works by representative English writers from early times to the present. Included are Chaucer, Spenser, Shakespeare, Donne, Dryden, Pope, Swift, Wordsworth, Keats, Hopkins and T.S. Eliot. Attention is given to the development of the language and its effect on poetry and prose.

Prerequisites: ENG 1010, ENG 1020.

ENG 2040 - Foundations of Literary Studies

Credits: 3

An introduction to the critical reading and writing skills necessary for success within the discipline of English. Students will become familiar with various critical approaches to literature and with the terminology associated with literary studies. In this writing intensive course, students will do close reading of literary texts and write researched, documented essays on such texts. Earning a grade of C or better is required to continue as an English major. Students who earn less than a C may repeat this course only once. ENG 2040 is a requirement for English majors and is a prerequisite for ENG 4900. It is designed as a sophomore level course.

Prerequisites: ENG 1010, ENG 1020.

ENG 2080 - Major American Authors I

Credits: 3

Works by representative American writers from colonial times to the 20th century. Included are Poe, Emerson, Thoreau, Hawthorne, Melville, Whitman, Twain, Henry James, Faulkner and Hemingway.

Prerequisites: ENG 1010, ENG 1020.

ENG 2090 - Major American Authors II

Credits: 3
Works by representative American writers from colonial times to the 20th century. Included are Poe, Emerson, Thoreau, Hawthorne, Melville, Whitman, Twain, Henry James, Faulkner and Hemingway.
Prerequisites: ENG 1010, ENG 1020.

ENG 2120 - World Masterpieces I

Credits: 3
Masterpieces of Western Literature, for example, the works of Homer, Virgil, Dante, Cervantes and Goethe, are read in English translation, analyzed and discussed. Honors require completion of a research paper.
Prerequisites: ENG 1010, ENG 1020.

ENG 2130 - World Masterpieces II

Credits: 3
Masterpieces of Western Literature, for example, the works of Homer, Virgil, Dante, Cervantes and Goethe, are read in English translation, analyzed and discussed. Honors require completion of a research paper.
Prerequisites: ENG 1010, ENG 1020.

ENG 2140 - Mythology

Credits: 3
A study of world myth, with special emphasis on Greek mythology. Developments in archaeology, modern psychology and comparative literature will be used in interpreting the ancient legends and stories.
Prerequisites: ENG 1010, ENG 1020.

ENG 2150 - Fairy Tales

Credits: 3
Students will read and interpret these tales in a cultural and historical context, using literary, social, psychological and religious approaches, both past and present.
Prerequisites: ENG 1010, ENG 1020.

ENG 2160 - Contemporary Black Writers

Credits: 3
An in-depth study of contemporary African-American writers.
Prerequisites: ENG 1010, ENG 1020.

ENG 3010 - Chaucer

Credits: 3
Reading, in the original, major parts of The Canterbury Tales.
Prerequisites: ENG 1010, ENG 1020.

ENG 3070 - Shakespeare

Credits: 3
Cross-listed with: THR 3070
An intensive study of selected major plays and sonnets by Shakespeare. Students will discuss characters, language, lines and scenes and identify central themes in his works, especially in light of major social forces of the Elizabethan era. Scholarly writing incorporating primary and secondary source materials pertinent to the study of Shakespeare is required.
Prerequisites: ENG 1010, ENG 1020.

ENG 3130 - Tutoring Writing

Credits: 3
An introduction to linguistic, rhetorical and composition theory and how each informs the practices of teaching and assessing writing. Students study the theories of leading composition and language experts, including Janet Emig, Peter Elbow, James Kinneavy, James Britton and Robert Graves. In this course, theory is coupled with practice, and students are required to conference individually with writers on works in progress. Further, students gain experience with various methods of assessing writing, including holistic scoring, analytical scoring and portfolio evaluations.
Prerequisites: ENG 1010, ENG 1020.

ENG 3170 - Homer

Credits: 3
Reading The Iliad and The Odyssey in English translation.
Prerequisites: ENG 1010, ENG 1020.

ENG 3190 - Modern American Drama

Credits: 3
Cross-listed with: THR 3190
A study of the significant American dramatists of the 20th century. Included for consideration are O'Neill, Odets, Hellman, Williams, Miller, Albee and others. Authors will be announced each year.
Prerequisites: ENG 1010, ENG 1020.

ENG 3200 - Modern American Fiction

Credits: 3
A study of significant American novels and short stories of the first half of the 20th century. Authors may include Cather, Fitzgerald, Hemingway, Faulkner and Steinbeck, among others.
Prerequisites: ENG 1010, ENG 1020.

ENG 3210 - Dramatic Literature 1

Credits: 3
Cross-listed with: THR 3210.
A study of significant plays and playwrights from the Greeks to the Spanish Golden Age. Playwrights may include Sophocles, Shakespeare, Moliere, De Vega, Sudraka and Li.
Prerequisites: ENG 1010, ENG 1020.

ENG 3220 - Dramatic Literature 2

Credits: 3
Cross-listed with: THR 3220.
A study of significant plays and playwrights from the Restoration to the 20th century. Playwrights may include Congreve, Sheridan, Beaumarchais, Goethe, Gogol, Ibsen, Strindberg and Chekov.
Prerequisites: ENG 1010, ENG 1020.

ENG 3230 - Images of Women in Fiction

Credits: 3
A study of the representation of women in imaginative literature with emphasis on British and American fiction.
Prerequisites: ENG 1010, ENG 1020.

ENG 3240 - Women Writers

Credits: 3
A study of selected literary works by women with emphasis on the writers' lives, the social and historical context of their works, and the themes and styles that characterize their writings.
Prerequisites: ENG 1010, ENG 1020.

ENG 3300 - Creative Writing

Credits: 3
Designed to give experience beyond the basic composition course in expository, argumentative, descriptive and narrative techniques.
Prerequisites: ENG 1010, ENG 1020.

ENG 3320 - Journalistic Writing

Credits: 3
Cross-listed with: CMA 3320.
Practice in writing various journalistic forms other than news writing. Includes features, editorials, reviews, columns. Related use of newspapers and news magazines.
Prerequisites: ENG 1010, ENG 1020.

ENG 3330 - The Essay

Credits: 3
A study of the history of the essay as a literary form from the 16th to the 21st century.
Prerequisites: ENG 1010, ENG 1020.

ENG 3340 - The Novel I

Credits: 3
A critical study of representative works of the major novelists of Russia, France, England.
Prerequisites: ENG 1010, ENG 1020.

ENG 3350 - The Novel II

Credits: 3
A critical study of representative works of the major novelists of Russia, France, England.
Prerequisites: ENG 1010, ENG 1020.

ENG 4000 - Theatre for School

Credits: 3
Cross-listed with: THR 4000
This course is designed for the K-12 classroom teacher, theatre director or group leader. Research and exercises will provide concepts and strategies for incorporating theatre and theatrical exercises into the classroom and co-curricular activities.

ENG 4010 - Reading Seminar in English

Credits: 3
In-depth study of a major author who has contributed to the tradition of literature in English.
Prerequisites: ENG 1010, ENG 1020.

ENG 4013 - Plays of Tennessee Williams

Credits: 3
Cross-listed with: THR 4013
A study of the life and major works of Thomas Lanier (Tennessee) Williams. Among the plays to be discussed are The Glass Menagerie, A Streetcar Named Desire, Summer and Smoke, The Rose Tattoo, Cat On A Hot Tin Roof, Orpheus Descending, Suddenly Last Summer, Sweet Bird of Youth, and The Night of the Iguana.
Prerequisites: ENG 1010 and ENG 1020

ENG 4017 - Plays of Arthur Miller

Credits: 3
Cross-listed with: THR 4017
An in-depth study of the works of Arthur Miller.

ENG 4020 - Reading Seminar in English

Credits: 3
In-depth study of a major author who has contributed to the tradition of literature in English.
Prerequisites: ENG 1010, ENG 1020.

ENG 4022 - Plays of Eugene O'Neill

Credits: 3
Cross-listed with: THR 4022
A study of the life and major works of Eugene O'Neill. Among plays to be discussed are The Emperor Jones, The Hairy Ape, Desire under the Elms, Strange Interlude, Mourning Becomes Electra, Long Day's Journey Into Night, and Moon for the Misbegotten.
Prerequisites: ENG 1010 and ENG 1020

ENG 4070 - Contemporary Literature

Credits: 3
Study of significant American, British and world writers from 1945 to the present.
Prerequisites: ENG 1010, ENG 1020.

ENG 4080 - Modern British and American Poetry

Credits: 3
Study of the major British and American poets of the 20th century.
Prerequisites: ENG 1010, ENG 1020.

ENG 4090 - Literature for Young Adults

Credits: 3
Literary forms are discussed with an emphasis on the needs of the secondary school student. Representative works are approached to build patterns for teaching the genres and to provide ways of developing literary interest in the young adult, with attention to authors addressing under-represented populations.
Prerequisites: ENG 1010, ENG 1020.

ENG 4100 - Literature for Children

Credits: 3
Children's classics and recent juvenile literature are studied and evaluated in connection with classroom and school library use, story-telling and interpretation.
Prerequisites: ENG 1010, ENG 1020, ED 3060 or permission of instructor.

ENG 4130 - Special Topics in English

Credits: 3
Selected advanced topics in literature and the English language.
Prerequisites: ENG 1010 and ENG 1020.

ENG 4160 - Development of the English Language

Credits: 3
Study of the basic influences at work in the various stages of growth of the language; emphasis on the characteristics peculiar to Old and Middle English.
Prerequisites: ENG 1010, ENG 1020.

ENG 4170 - Modern American Grammar

Credits: 3

A descriptive approach to modern grammatical usage, both formal and informal. Students analyze the phonological, morphological and syntactic structures of American English. Practical applications of linguistic theory are also examined in individual research projects.

Prerequisites: ENG 1010, ENG 1020.

ENG 4500 - Special Topics: English

Credits: 3

Selected advanced topics in literature and the English language.

Prerequisites: ENG 1010 and ENG 1020

ENG 4513 - Plays of Henrik Ibsen

Credits: 3

Cross-listed with: THR 4513

The study of the plays of Henrik Ibsen

Prerequisites: ENG 1010 and ENG 1020

ENG 4850/4860/4870/4880 - Internship

Credits: (3, 6, 9, 12)

Internships exist to meet the needs of English majors who seek field training with a professional agency, such as a publishing house or a commercial publication.

ENG 4900 - Literary Criticism

Credits: 3

A study of ways to interpret imaginative literature with emphasis on raising each student's awareness of his or her own critical practice and on developing that ability. Required for English majors. It is designed as a senior level course.

Prerequisites: ENG 2040 and 15 additional credits in English.

ENG 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Individual reading and research under direction of an adviser.

Prerequisites: ENG 1010, ENG 1020, Written permission of instructor.

FINANCE

FIN 3010 - Principles of Finance

Credits: 3

To acquaint students with the field of finance, its structures, methods of operation and instruments. To prepare students for the further study of financial management.

Prerequisites: ECO 1020, ACC 1060 ACC 1050.

FIN 3020 - Money and Banking

Credits: 3

Cross-listed with: BUS 3020

History of money and monetary standards; commercial banking in the United States; evolution and functions of the Federal Reserve System; the development of specialized banking institutions; the operation of credit and monetary controls; foreign exchange practices and problems; international financial institutions; contemporary

issues in national and international finance.

Prerequisites: ECO 1020, ACC 1060, ACC 1050.

FIN 3030 - Financial Management

Credits: 3

Cross-listed with: BUS 3030

Significance of capital investment and credit is the focal point. The factors that comprise the money market are examined such as: supply and demand for loanable funds, the role of the central bank, the impact of monetary and fiscal policy on the capital market with respect to debt and equity financing.

Prerequisites: BUS 1010, ACC 1050, ACC 1060.

FIN 3040 - Corporate Finance

Credits: 3

To acquaint students with the sources and uses of funds. To acquaint students with the techniques of selecting assets and means of financing asset acquisition.

Prerequisites: FIN 3010.

FIN 4010 - Seminar in Finance

Credits: 3

This course will be the capstone course for students concentrating in finance. Prior learning, problem solving and extensive reading will be used to enhance the student's understanding of financial matters.

Prerequisites: FIN 3010, FIN 3020, FIN 3030, FIN 3040 and permission of division chair.

FRENCH

FR 1010 - Basic French, I

Credits: 3

Basics of the language for those initiating the study of French. Integration with conversation and culture to meet student needs.

FR 1020 - Basic French II

Credits: 3

Basics of the language for those initiating the study of French. Integration with conversation and culture to meet student needs.

Prerequisites: FR 1010

FR 1030 - Intermediate French I

Credits: 3

A systematic review of the structure of the language; selected readings; conversation; composition and civilization.

Prerequisites: FR 1020

FR 1040 - Intermediate French II

Credits: 3

A systematic review of the structure of the language; selected readings; conversation; composition and civilization.

Prerequisites: FR 1030

FR 1050 - Directed Readings in French I

Credits: 3

A beginning reading course designed to stimulate an appreciation of French culture and enable the student to read with comprehension varied texts of

increasing difficulty. Specialized reading in French will be selected according to individual fields of interest.

Prerequisites: FR 1040

FR 1060 - Directed Readings in French II

Credits: 3

A beginning reading course designed to stimulate an appreciation of French culture and enable the student to read with comprehension varied texts of increasing difficulty. Specialized reading in French will be selected according to individual fields of interest.

Prerequisites: FR 1050

FR 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Under the guidance of an instructor, the student pursues an individual program of study and research focused on a suitable topic of his/her choice and submits an acceptable report.

Prerequisites: FR 1040 and written permission of instructor.

GEOGRAPHY

GEO 1010 - Physical and Cultural Geography of the World

Credits: 3

General structure and methodology of geographical study. Geophysical factors: land forms, climatic soil regions, natural resources animal life, the distribution of resources. A study of man and the reciprocal relationship between culture and physical environment.

GEO 1020 - Regional and Economic Geography of the World

Credits: 3

A study of geographic conditions as well as ethnic-national, religious, social, economic and political factors in each nation of the world: the European nations and the post-Cold War, emerging nations on the African, Asian and American continents.

GERMAN

GER 1010 - Elementary German I

Credits: 3

Introduction to the German language in pronunciation, grammar and vocabulary. Emphasis on spoken German.

Prerequisites:

GER 1020 - Elementary German II

Credits: 3

Introduction to the German language in pronunciation, grammar and vocabulary. Emphasis on spoken German.

Prerequisites: GER 1010

HEALTH EDUCATION

HLT 3010 - Normal and Therapeutic Nutrition

Credits: 3

Study of nutritive value of foods and the nutritional requirements of various age groups. Nutritional therapy required in selected major health problems is explored.

Prerequisites: BIO 1030, BIO 1040, BIO 3030, CHM 1050 and CHM 1060.

HLT 3011 - Normal and Therapeutic nutrition for RNs

Credits: 3

Study of the nutritive value of foods and the nutritional requirements of various age groups. Nutritional therapy required in selected major health problems is explored.

Prerequisites: RN licensure

HLT 3040 - Pharmacology

Credits: 3

Examination of general principles of drug administration and drug action on the human body. Focus on major drug categories and prototype drugs in each category. Serves as a basis for understanding drug therapy as an integral part of health care.

Prerequisites: BIO 1030, BIO 1040, BIO 2020, BIO 3030, CHM 1050 and CHM 1060.

Corequisites: NUR 3012.

HLT 3041 - Pharmacology For RN's

Credits: 3

This course is a study of the professional nurse's role in drug therapy. The focus will be on principles of drug administration, drug regulations/legislation, major classifications and common characteristics of drugs, and specific actions on the body as related to health maintenance and health problems. Included in this course are cultural, legal, and ethical considerations as well as current issues of drug therapy as an integral part of health care today.

Prerequisites: RN licensure

HLT 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Independent investigation, under the guidance of an instructor, of a subject of special interest to the student.

Prerequisites: Written permission of instructor and division chair.

HISTORY

HIS 1010 - United States History I: 1492-1865

Credits: 3

A survey of America's history from the earliest discoveries through the Civil War. Emphasis will be placed on Colonial America, the Revolution and the Constitution, the Early National Period, Jacksonian

Democracy, Manifest Destiny, sectionalism, secession and the Civil War.

HIS 1020 - United States History II:1865-Present

Credits: 3

A survey of American history from the Reconstruction Period to the present. Emphasis will be placed on reconstruction, the west, industrialization, Populism and Progressivism, World War I, the New Deal, World War II and the turbulence of the 1960's.

HIS 1030 - World History I

Credits: 3

This course surveys the history of civilization up to 1500 C.E. Focus will be on the development of cultures in Europe, South, and East Asia, the Middle East, North and South America, and Africa, as well as encounters between these regions. Topics will include the growth of cities, cultural and intellectual life, agricultural economies, the rise of global trade networks, the spread of disease, religious movements and military conflicts.

HIS 1040 - World History II

Credits: 3

This course surveys the history of the world from the European encounter with the non-Western world (c. 1500 C.E.) to the present day. It will explore the major trends which have shaped the modern world, including the rise of modern states, the revolutionary era, the ideologies of socialism, liberalism, and nationalism. European imperialism and the shifting balance of power in the postcolonial world.

HIS 1050 - History of Western Europe I

Credits: 3

The history of Western Europe from the beginning of the Christian era to the rise of urban cultures of the high Middle Ages and Renaissance. Special emphasis on the problem of medieval culture and the secularization of culture in the Italian and Northern Renaissance.

HIS 1060 - History of Western Europe II

Credits: 3

An examination of the history of Western Europe from the 16th to the 20th century. Emphasis will be placed on the Reformation, the Scientific Revolution, the Enlightenment, the Age of Revolution, the rise of liberal democracy, and the crises and conflicts of the 20th century.

HIS 3000 - Foundations to Historical Studies

Credits: 3

Starting with an overview of the discipline of history, including how it is practiced and evolved, this course then focuses on the research techniques needed for conducting research and writing in history, including the evaluation of sources, literature review, structure and style, and appropriate use and citation of sources. This course also aims to provide students with practical advice

on pursuing a career in history. This course is strongly recommended for students who want to go to graduate schools in History and other similar fields.

Prerequisites: 1 History course

HIS 3150 - History of the American West

Credits: 3

This course seeks to probe the forces that brought about the exploration, settlement, and development of the Trans-Appalachian, Trans-Mississippian West. Emphasis will be placed on western expansion in the Colonial and early National periods, the importance of Manifest Destiny in the Nineteenth Century, the impact of white settlement on the American Indian Nations, Turner's Frontier Thesis, and emerging issue in today's West.

Prerequisites: 3 credits in History

HIS 3160 - Nationalism and Sectionalism

Credits: 3

This course seeks to capture the critical events of the first half of the nineteenth century that both brought the nation together then saw it rendered into a Civil War. The Age of Jackson, the Transportation Revolution and the divisive issues of westward expansion, slavery and free soil politics will be examined, as well as the firm solidification of federal power during the Civil War.

Prerequisites: HIS 1010 HIS 1020 HIS 1050 or HIS 1060

HIS 3180 - The Emergence of Modern America: 1865-1920

Credits: 3

The economic, political and social development of the United States in the post-Civil War years. Emphasis is placed on Reconstruction, the rise of corporate wealth and power, the growth of cities, immigration, the Progressive era, and America's rise to world power status and its entry into World War I.

Prerequisites: One History 1000 level course or permission of instructor.

HIS 3190 - America in the Twentieth Century: 1920-Present

Credits: 3

The domestic and international development of the United States from the end of World War I to the present. Emphasis is placed on the 1920's, the Great Depression and the New Deal, World War II and post-war foreign policy, the Great Society, the Vietnam War, and contemporary socio-economic, political and cultural problems.

Prerequisites: History 1000 level course or permission of instructor.

HIS 3192 - History of Islam

Credits: 3

An examination of the growth of Islam in an historical perspective. Topics will cover the origins of Islam as a monotheistic religion in Arabia, encompassing the land and its people. There will be discussion of Mohammed the man and the Prophet, Moral and Ceremonial Obligations, and an historical

examination of the Middle Easter Caliphates. The Dynastic Periods of the Abbasids (Baghdad) and the Umayyad (Damascus) will be explained with emphasis on the problem of succession, and the rift between Sunni and Shiite Muslims. Also, we will cover the expansion of Islam in Africa, the problem of slavery in Islamic thought and practice, as well as current trends such as Fundamentalism, the Ayatollah Khomeini in Iran, and the global impact of Islam as the world's fastest growing religion today.

Prerequisites: 3 credits in History

HIS 3210 - Enlightenment and Revolution: 1648-1815

Credits: 3

An examination of the cultural and political structure of 17th and 18th century Europe. Emphasis will be placed on the Enlightenment, the European power structure, the French Revolution and the Napoleonic era.

Prerequisites: HIS 1060 or permission of instructor.

HIS 3230 - Renaissance and Reformation: 1400-1648

Credits: 3

The transition from medieval to modern times in Western Europe and the intellectual and cultural achievements of the Italian Renaissance, influence on Western Europe, origins of the Protestant Revolt, Catholic Reformation, Peace of Westphalia.

Prerequisites: HIS 1060 or permission of instructor.

HIS 3240 - Nineteenth-Century Europe: 1815-1914

Credits: 3

An analysis of European history in the 19th century. Topics which will be studied include: the defeat of Napoleon, the restoration of monarchy, the revolutions of the mid-nineteenth century, the emergence of republican government in Britain and France, the unification of Italy and Germany, imperialism and the causes of the First World War.

Prerequisites: HIS 1060 or permission of instructor.

HIS 3250 - Twentieth-Century Europe: 1914-1999

Credits: 3

An analysis of European history in the 20th century. Topics which will be studied include: World War I, the Russian Revolution, the rise and fall of the Fascist and Nazi regimes, World War II, the emergence of the Welfare State, the creation of the European Union, and the dissolution of the Soviet Union.

Prerequisites: HIS 1060 or permission of instructor.

HIS 3260 - Colonial America

Credits: 3

This course has as its objective an examination of the Age of Discovery and the settlement of the North American Continent. Emphasis will be placed on the early explorers, the first colonies of England, France and Spain, and the development of English North America from the settlement of Jamestown and the Puritan colonies until the end of the French

and Indian War.

Prerequisites: 3 credits in History

HIS 3270 - The Americas Before Columbus

Credits: 3

This course is a close examination of the American Indian, both in his habitat in North and South America, and in his origin and development. Emphasis will be placed on the origin of man in the Western Hemisphere, the growth of the Andean and Mesoamerican Civilizations and the many rich cultures of the North American Indian.

HIS 3280 - Black History

Credits: 3

The focus of this course will be on the historical experience of people of African descent in the United States, from the trans-Atlantic Slave Trade and the rise of plantation slavery, to the formation of a distinct African American culture of today. We will explore the dynamics of the post Civil War period, including Reconstruction, the age of Booker T. Washington, the Harlem Renaissance, the Civil Rights Struggle, the Black Power era, and the politics of blackness during the presidency of Barack Obama.

Prerequisites: 3 credits in History

HIS 3290 - African Civilizations

Credits: 3

This course is a broad survey of sub-Saharan African civilizations. We begin with the ancient northeast African kingdoms of Egypt, Kush and Aksum, and continue with the formation of the Western Sudanese empires of Ghana, Mali and Songhai, and the southern African kingdoms of Congo and Great Zimbabwe. Attention will be paid to the spread of Islam and the Muslim slave trade across the Sahara, in addition to contact with Europe and the trans-Atlantic slave trade to the 'New World'. Together we will look at the impact of missionaries and colonial powers on African social, cultural and political life in the last few hundred years. Finally, the course will explore the independence era and the struggle new African nations have faced in colonial period in the critical fields of governance.

Prerequisites: One History 1000 level course.

HIS 3330 - Cultural and Political History of Greece

Credits: 3

An examination of the origins of western civilization from the first appearance of an urban civilization in Mesopotamia to the emergence of Greece and the death of Alexander the great.

Prerequisites: History 1000 level course or permission of instructor.

HIS 4010 - History of New York State

Credits: 3

A concentrated, in-depth study of the political, economic and social development of New York from pre-colonial times to the present.

Prerequisites: History 1000 level course or permission of instructor.

HIS 4020 - History of Latin America

Credits: 3

The principal objective of this course is to instill in students an understanding and appreciation of the historical development of Latin America. Specifically, by examining and analyzing major political, social, and intellectual movements of the last five centuries, the course is intended to assist students in understanding the major political and social institutions of contemporary Latin America. The course will also address in detail relations between the United States and Latin American nations in order to foster a comprehensive understanding of these relations. A diversity of opinions and interpretations of historical events will be presented.

Prerequisites: History 1000 level course or permission of instructor.

HIS 4021 - The History of Modern Russia

Credits: 3

This course is designed to cover the period in Russian history from the late 19th century, the twilight of Imperial Russia, through the Russian Revolution of 1917, the creation of the Soviet state and its break-up in the 1990's to contemporary Russian Republic.

Prerequisites: HIS 1010 or HIS 1020 or HIS 1060

HIS 4040 - History of Asia

Credits: 3

This course is a survey of the rich cultures of Asia, with special emphasis on the monsoon regions and the development of early dynastic political structures, and the rise of India on the world stage. The class will also cover in some detail twentieth century wars in China, Japan, Korea and Vietnam. In addition, we will explore Asian religion, independence struggles, revolutionary movements, Asian Diasporas and issues of globalization in the modern world.

Prerequisites: One History 1000 level course.

HIS 4050 - Modern East Asia

Credits: 3

Starting with an overview of ancient Asian civilizations, cultures, and religious, this course then focuses on the history of Modern East Asia, a geographical and cultural unit that includes China, Japan, Korea, and Vietnam, from the late eighteenth century to the present. It follows the struggles of these countries to preserve or regain their independence and establish their national identities. Particular topics of focus include Asian traditional societies, late imperial China and Japan, the arrival of the West, wars and revolutions, nationalism and communism, and the rise of East Asia in the post-Cold War world.

Prerequisites: Any 1000-level History course.

HIS 4150 - American Foreign Relations: 19th Century

Credits: 3

American diplomacy in the War of Independence

and in the establishment of the Federal Republic, freedom of the seas and involvement of Napoleonic wars, development of the Monroe Doctrine and Union diplomacy in the War Between the States, diplomatic problems resulting from westward and overseas expansion and the growth of commerce, emergence of the United States as a world power and empire.

Prerequisites: History 1000 level course or permission of instructor.

HIS 4160 - American Foreign Relations - 20th Century

Credits: 3

America's role in "power politics" and world order, Caribbean policy and hemispheric cooperation, isolationism, neutrality and involvement in global wars and international war, containment and "brinkmanship," police action, limited war, foreign aid, Point Four and Peace Corps.

Prerequisites: History 1000 level course or permission of instructor.

HIS 4210 - History of the Modern Middle East

Credits: 3

This course focuses on the modern history of the Middle East, beginning with the decline of the Ottoman Empire and the emergence of al-Fatal and the Arab nationalist movement of the interwar period. Special attention will be given to the formation of Israel after World War Two, and its ongoing conflict with Arab states, including the 1967 Arab-Israeli War and the Palestinian controversy. In addition, the effect of the Iran-Iraq War and the two Gulf Wars will be assessed in reference to their long-term political, economic and security implications.

Prerequisites: 3 credits in History

HIS 4220 - Vietnam: A History

Credits: 3

Most Americans understand the Vietnam War as something that happened in the 1960's and early 1970's. But, as this course seeks to demonstrate, American involvement cannot be fully understood apart from Vietnam's long history of foreign domination and of resistance to it. After a series of foreign occupations by the French and the Japanese beginning in the 1880s, the struggle would continue against the Americans who, almost a decade before 1954, became involved in the intricacies of Southeast Asian politics. American involvement was to last until 1975, when this great drama would reach its final act. This course will also examine the effect of the Vietnamese desire for independence on the American people during the dramatic decades of the 1960's and 1970's.

Prerequisites: 3 credits in History

HIS 4230 - Nazi Germany

Credits: 3

A study of the problems of totalitarianism as expressed in Nazi Germany. Topics chosen for discussion will include, among others, the character and personality of Adolph Hitler, ideas and ideals

of the Nazi party leadership, the problem of Anti-Semitism, and the destruction of the European Jews, the questions of war crimes and the Nuremberg Trials, the outbreak of the Second World War, the problem of appeasement and the course of the war and its effect on Germany.

Prerequisites: HIS 1060

HIS 4270 - Modern American Legal History

Credits: 3

Cross-listed with: POS 4270

This course surveys American legal history from the Civil War to the Present. It examines the relationship between trends in the law and the changing social, political and economic environment.

Topics to be covered include: the rise of modern constitutionalism, the tension between order and liberty, race and gender under the law, the evolution of tort and criminal laws, and the rise of alternative dispute resolution as a system for resolving conflicts.

Prerequisites: 3 Credits in History

HIS 4400 - Topic: History of American Business

Credits: 3

As the United States approaches the climax of the twentieth century, its economic dominance in the world is being increasingly challenged by many other nations. While this course is not designed to provide a response to these challenges, its purpose is to provide an analysis of how America reached this high level of economic development. It does so, by examining the growth of American business from the colonial times to the present, with emphasis on the men and women who played a major role in this development.

Prerequisites: HIS 1010 HIS 1020 HIS 1050 or HIS 1060

HIS 4428 - Burn, Baby, Burn: Riots and Disorder in America

Credits: 3

This course analyzes the fundamental for deep-seated patterns of religious intolerance, racial discrimination, class tensions, anti-globalization struggles, and the like. The course will examine an array of case studies, including pre-Revolutionary War riots, massacres in the New South, labor struggles in the late 19th century, the ghetto riots of the 1960s, and more recent anti-globalization struggles.

Prerequisites: HIS 1010 or HIS 1020

HIS 4444 - World War I: Film, Fiction, and Fact

Credits: 3

The causes, events and consequences of the First World War will be studied through the viewing and discussion of documentaries and commercial films and the reading and discussion of fictional and non-fictional accounts of the war.

Prerequisites: HIS 1010 HIS 1020 HIS 1050 or HIS 1060

HIS 4445 - Baseball and U.S. Social History: Film and Fact

Credits: 3

The course will examine and analyze selected issues and problems in American society using the history of the sport of baseball as a reference point. Utilizing the award winning PBS video series, BASEBALL, and commercial films about baseball, the course will study the following issues: immigration, urbanization, monopolies, labor and management relations, commercialization, race relations, gender relations, and the impact of media on society.

Prerequisites: HIS 1010 HIS 1020 HIS 1050 or HIS 1060

HIS 4850/4860/4870/4880 - Internship in Historical Studies

Credits: (3, 6, 9, 12)

Students are given the opportunity to earn academic credit by serving as interns in various historical agencies and/or site management situations. The exact nature of the services that the student will be called on to perform will depend on the particular assignment. It is the responsibility of the student to apply for the internship. Credits received for participation in an internship program range from 3 to 12 depending on the type of internship selected.

Grading: Pass/Fail.

Prerequisites: History 1000 level course or permission of instructor.

HIS 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Individual reading and research under the direction of an adviser.

Prerequisites: History 1000 level course or permission of instructor.

HONORS

HON 1010 - College Writing

Credits: 3

Cross-listed with: ENG 1010.

Application of the skills of writing clear purposeful prose and using such rhetorical methods as exposition. Requires a research paper.

Prerequisites: Permission of Honors Program Coordinator.

HON 1020 - Forms of Literature

Credits: 3

Cross-listed with: ENG 1020

Study of the literary forms of fiction, drama, poetry, short story and the essay with attention to the use of narration, description and exposition. Requires a research paper.

Prerequisites: HON 1010 or permission of Honors Program Coordinator.

HON 1030 - General Psychology

Credits: 3

Cross-listed with: PSY 1010.

Explores the multiple concerns of psychology through an introductory study of the fundamental

principles and problems underlying human activity and personality. Examines the following areas: learning, human development, memory and problem solving, perception, psychological bases of behavior, personality, social psychology, behavior disorders and therapy.

Prerequisites: Permission of Honors Program Coordinator.

HON 1040 - Introduction to Philosophy

Credits: 3

Cross-listed with: PHL 1030.

An introduction to philosophy as a discipline. Students will examine at least two major philosophical issues and will read classical and contemporary sources. There will be an emphasis on learning the language of philosophy as well as its distinct modes of thought.

Prerequisites: Permission of Honors Program Coordinator.

HON 1050 - Logic

Credits: 3

Cross-listed with: PHL 1020.

A course in logical and critical thinking. It will include both formal and informal arguments. Attention will be given to the practical application of logic through analysis of arguments from current reading materials.

HON 1300 - Introduction to World Religions

Credits: 3

An introduction to the major religions of the world through a study of their historical development, structures of social organization and authority, and basic beliefs, values and practices.

HON 2010 - Honors Seminar

Credits: 1

This course sequence is thematic and emphasizes an interdisciplinary approach. The courses focus on a central theme, issue or problem and approach it from various learning perspectives. The courses consist of exploration and discussion of the theme/issue in HON 2010 and HON 2020 and independent study of an aspect of the theme or issue under consideration in HON 2030. For the independent study component of the course, the student will work with a faculty mentor(s) assigned by the Honors Program Coordinator. The independent study will result in a project and/or paper that will be exhibited or presented at the final seminar meeting of the academic term.

Grading: Letter grade; student may elect Pass/ Fail option, however, during the first two weeks of the semester.

Prerequisites: For HON 2010 and/or HON 2020: Completion of two introductory honors courses or permission of Honors Program Coordinator. For HON 2030: Completion of HON 2010 and HON 2020.

HON 2020 - Honors Seminar

Credits: 1

This course sequence is thematic and emphasizes an interdisciplinary approach. The courses focus on a central theme, issue or problem and approach

it from various learning perspectives. The courses consist of exploration and discussion of the theme/issue in HON 2010 and HON 2020 and independent study of an aspect of the theme or issue under consideration in HON 2030. For the independent study component of the course, the student will work with a faculty mentor(s) assigned by the Honors Program Coordinator. The independent study will result in a project and/or paper that will be exhibited or presented at the final seminar meeting of the academic term.

Grading: Letter grade; student may elect Pass/ Fail option, however, during the first two weeks of the semester.

Prerequisites: For HON 2010 and/or HON 2020: Completion of two introductory honors courses or permission of Honors Program Coordinator. For HON 2030: Completion of HON 2010 and HON 2020.

HON 2030 - Honors Seminar

Credits: 1

This course sequence is thematic and emphasizes an interdisciplinary approach. The courses focus on a central theme, issue or problem and approach it from various learning perspectives. The courses consist of exploration and discussion of the theme/issue in HON 2010 and HON 2020 and independent study of an aspect of the theme or issue under consideration in HON 2030. For the independent study component of the course, the student will work with a faculty mentor(s) assigned by the Honors Program Coordinator. The independent study will result in a project and/or paper that will be exhibited or presented at the final seminar meeting of the academic term.

Grading: Letter grade; student may elect Pass/ Fail option, however, during the first two weeks of the semester.

Prerequisites: For HON 2010 and/or HON 2020: Completion of two introductory honors courses or permission of Honors Program Coordinator. For HON 2030: Completion of HON 2010 and HON 2020.

HON 3010 - Honors Interdisciplinary Seminar

Credits: 3

This seminar approaches a significant theme or topic from multi-disciplinary perspectives. Students come to appreciate that understanding a complex phenomenon (Example: The Holocaust) requires more than a single content field perspective.

Prerequisites: Completion of at least 12 credits of honors level course work or permission of Honors Program Coordinator.

HON 4010 - Honors Research

Credits: 3

With the guidance and approval of the honors program coordinator, the honors student selects an area of research. The coordinator then refers the student to a faculty member and/ or consultant with expertise in the selected area, who works with the student to identify an appropriate research topic and to establish the focus and parameters of that research. The faculty member mentors

the student in this independent research. At its conclusion, the student submits a final paper/ project, which is graded by the mentor, who shares the student's findings with the coordinator and other members of the Honors Program Advisory Committee. The student is expected to present the results of his investigation to the honors advisory committee and other interested parties.

Grading: Letter grade

Prerequisites: Completion of at least 12 credits of honors level course work or permission of Honors Program Coordinator.

HUMAN SERVICES

HSR 1030 - Introduction to Social Work

Credits: 3

Cross-listed with: SW 1030

This course provides an introduction and overview of social work practice at the individual, group, organizational, community and societal levels. Historical, theoretical and service delivery issues that form the context of social work will be explored. The course will be organized around the following themes: the history of social work; values, knowledge and skills of the social work profession; fields of practice. Emphasis will be placed on oppressed, misunderstood, and underserved populations.

HSR 2110 - Human Behavior and the Social Environment I

Credits: 3

Students will study various components of human behavior and the social environment. The course provides a framework for studying the person-in-environment from a developmental perspective within an ecological framework. The course addresses multiple factors that shape the development of the individual from a biological, psychological and social perspective. HBSE explores a range of traditional and alternative theories, both intrapersonal and interpersonal. In addition, the course provides a conceptual model for viewing human behavior from a holistic perspective with particular emphasis on utilizing an empowerment and strengths perspectives to work with oppressed, unserved and underserved individuals. The course introduces students to the multiple factors (micro and macro) that influence the relationship between the person and the total environment while focusing on the life span stages from conception through adolescent development.

Prerequisites: SW 1030 HSR 1030

HSR 2250 - Human Behavior and the Social Environment II

Credits: 3

Students will study various components of human behavior and the social environment. The course provides a framework for studying the person-in-environment from a developmental perspective within an ecological framework. The course addresses multiple factors that shape the

development of the individual from a biological, psychological and social perspective. HBSE explores a range of traditional and alternative theories, both intrapersonal and interpersonal. In addition, the course provides a conceptual model for viewing human behavior from a holistic perspective with particular emphasis on utilizing an empowerment and strengths perspectives to work with oppressed, unserved and underserved individuals. The course introduces students to the multiple factors (micro and macro) that influence the relationship between the person and the total environment while focusing on the life span stages beginning with adulthood.

Prerequisites: HSR 1030 or SW 1030

HSR 2510 - Theory of Social Casework

Credits: 3

Cross-listed with: SOC 2510.

Students will learn the basic tools of social casework including assessment of client needs, design of a treatment or service plan, implementation and monitoring of the plan. Students will explore the relationship between situational problems and client needs and apply record keeping techniques.

Prerequisites: HSR 1030/SW 1030

HSR 3010 - Foundations of Social Policy and Planning

Credits: 3

This course provides an introduction to American social welfare policy. Students will identify social policies and analyze their impacts. We will begin with a historical review of the origins and development of the American welfare state, and then discuss debates about contemporary policy issues, including poverty, health care, and immigration.

Prerequisites: HSR 1030/SW 1030.

HSR 3050 - Ethics of Human Services

Credits: 3

Cross-listed with: PHL 3050.

This is a course in applied ethics with a dual focus on theory and practice. Students will receive a theoretical grounding in major ethical systems, will learn how to recognize specifically ethical dilemmas and, by systematic examination of cases, will learn how to arrive at principled ethical decisions in the major aspects of human services.

Prerequisites: 3 credits of philosophy.

HSR 3310 - Psychology of Death and Dying

Credits: 3

Cross-listed with: PSY 3310

This course will focus on the issue of death, dying, bereavement and survivorship. The topic will be addressed from a combined perspective of Psychology and Human Services. Cross cultural, developmental theories, and community based resources and services will be examined.

Prerequisites: PSY 1010

HSR 4110 - Quantitative and Qualitative Research Methods

Credits: 3
Cross-listed with: SOC 4110

This course introduces students to research methods commonly used in investigating social issues. Students will become familiar with the logic of research, its design and analysis. Students will be able to understand a variety of quantitative and qualitative data collection methods and to analyze their appropriateness under different research conditions.

Prerequisites: SOC 1010.

HSR 4250 - Readings in Applied Social Research

Credits: 3
This course will help students develop the skills necessary to become critical consumers of research. Students will read, review and critique examples of classic and cutting edge social science research studies and discuss their application to current issues in social work, sociology, social policy, and criminology.

Prerequisites: SOC 1010, SOC 4110/HSR 4110.

HSR 4329 - Psychology of Addictions Across The Lifespan

Credits: 3
Cross-listed with: PSY 4329
This special topics course is designed to present an introduction and overview of the field of Autism. The student will explore the world and challenges of the individual diagnosed with Autism, Asperger's Syndrome and Pervasive Developmental Disorders. Included will be information on the current behavioral, physiological and biomedical interventions as well as educational needs and current programs. It will also address community interactions, teaching strategies and resources for educators and other professionals. The course will be helpful for psychology, sociology, human services, nursing and education students.

HSR 4800 - Human Services Internship Seminar

Credits: 1
Cross-listed with: PSY 4800.
Students who are completing the Human Services Internship, HSR 4855, will meet weekly to learn the core competencies of professional helping and discuss how the competencies apply to their internship experiences.
Prerequisites: Junior or senior status with major in human services.
Corequisites: HSR 4855.

HSR 4850 - Human Services Internship

Credits: 3
The purpose of this course is to provide an opportunity for the application of theory to practice in a human service setting. Students will complete 135 hours of work in such placements as community service organizations, group homes,

recreation agencies, substance abuse programs. Students will be under direct supervision of qualified persons in the sponsoring agency and of the college faculty. Grading is on a pass/fail basis.

Grading: pass/fail
Prerequisites:
Prerequisites: Junior or senior status with a major in human services.

Corequisites: HSR 4800

HSR 4855 - Human Services Internship

Credits: 5
The purpose of this course is to provide an opportunity for the application of theory to practice in a human service setting. Students will complete 225 hours of work in such placements as community service organizations, group homes, recreation agencies, substance abuse programs. Students will be under direct supervision of qualified persons in the sponsoring agency and of the college faculty.

Grading: Pass/Fail.
Prerequisites: Junior or senior status with a major in human services.

Corequisites: HSR 4800.

HSR 4910/4920 - Special Topics in Human Services

Credits: 3
An in-depth analysis of specific areas in the field of human services. The course content targets a specialized area of human services not generally covered in the general curriculum. More than one special course can be taken.

Prerequisites: HSR 1030 /SW 1030 and one HSR 2000 level course.

HSR 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)
Individual reading and research in the field of human services, under the guidance of an instructor.
Prerequisites: Written permission of instructor.

SW 1030 - Introduction to Social Work

Credits: 3
Cross-listed with: HSR 1030
This course provides an introduction and overview of social work practice at the individual, group, organizational, community and societal levels. Historical, theoretical and service delivery issues that form the context of social work will be explored. The course will be organized around the following themes: the history of social work; values, knowledge and skills of the social work profession; fields of practice. Emphasis will be placed on oppressed, misunderstood, and underserved populations.

INTERDISCIPLINARY STUDIES

INT 4850 - Interdisciplinary Internship

Credits: 3
Specifically for internship experiences (e.g., law internships, etc.) other than the disciplinary internships offered by the various major programs. While the internship will take place outside of the College, faculty supervision is required. The exact nature of the work that the student will be required to perform will vary according to the particular assignment. A three-credit internship requires 135 hours. Students are responsible for applying for the internship, and for identifying a faculty mentor to supervise the internship.

Grading: Pass/Fail
Lecture hours/Lab hours: 3
Prerequisites: Junior or Senior level standing.

INT 4852 - Interdisciplinary Internship

Credits: 2
Specifically for internship experiences (e.g., law internships, etc.) other than the disciplinary internships offered by the various major programs. While the internship will take place outside of the College, faculty supervision is required. The exact nature of the work that the student will be required to perform will vary according to the particular assignment. A two-credit internship requires 90 hours. Students are responsible for applying for the internship, and for identifying a faculty mention to supervise the internship.

Grading: Pass/Fail
Lecture hours/Lab hours: 2
Prerequisites: Junior or Senior level standing.

INT 4900 - Interdisciplinary Capstone: Portfolio

Credits: 1
Under the direction of a faculty member or the Interdisciplinary Studies Advisor, the student will compile a summative electronic portfolio composed *at minimum* of the following artifacts: papers or projects demonstrating a high-level of achievement in at least two of the disciplines that make up the major; and a reflective essay integrating two or more disciplines. Grading: Pass/Fail
Lecture hours/Lab hours: 1
Prerequisites: Senior status only.

INT 4991 - Interdisciplinary Capstone: Independent Study

Credits: 1
The student will independently investigate or research an appropriate interdisciplinary topic under the guidance of a faculty advisor. It is assumed that the final product of this work will be included in the electronic portfolio produced in INT 4900. *Grading: Pass/Fail*
Lecture hours/Lab hours: 1
Prerequisites: Senior status only.

INT 4992 - Interdisciplinary Capstone: Independent Study

Credits: 2
The student will independently investigate or research an appropriate interdisciplinary topic under the guidance of a faculty advisor. It is assumed that the final product of this work will be included in the electronic portfolio produced in INT 4900.

Grading: Pass/Fail
Lecture hours/Lab hours: 2
Prerequisites: Senior status only.

INT 4993 - Interdisciplinary Capstone: Independent Study

Credits: 3
The student will independently investigate or research an appropriate interdisciplinary topic under the guidance of a faculty advisor. It is assumed that the final product of this work will be included in the electronic portfolio in INT 4990.

Grading: Pass/Fail
Lecture hours/Lab hours: 3
Prerequisites: Senior status only.

ITALIAN

ITA 1010 - Introduction to Italian I

Credits: 3
A study of Italian pronunciation and grammar; reading simple Italian prose; practice in speaking and writing simple Italian.

ITA 1020 - Introduction to Italian II

Credits: 3
A study of Italian pronunciation and grammar; reading simple Italian prose; practice in speaking and writing simple Italian.
Prerequisites: ITA 1010 for ITA 1020.

MATHEMATICS

MTH 0110 - Basic Mathematics

Credits: 0
Addition and subtraction of real numbers, factors, multiples, fractions, decimals, ratio and proportion, measurements, operations with variables, introduction to graphing, solving equations, and exponents. In all areas emphasis will be on the use of the concepts in the context of solving verbal problems. A minimum grade of C or better is required for successful completion of the course.
Prerequisites: Determined by placement test score.

MTH 0150 - Algebra

Credits: 0
This course is a review of operations on rational numbers, decimals, percents, exponents, radical and scientific notation. A study of one and two variable equations, inequalities, polynomials, factoring and quadratic equations.
Prerequisites: Determined by placement test score.

MTH 1015 - Investigating Contemporary Issues Using Mathematics and Technology

Credits: 3

This course will help students develop problem-solving techniques in the exploration of contemporary topics using mathematics and computer technology. Students will engage in inquiry-based, hands-on, and collaborative learning, and will improve their computer and mathematical skills as well as written and oral communication skills. Topics include data analysis, number theory, mathematics of finance, geometry and measurement, probability and statistics, information retrieval and assessment, and issues related to social networking and privacy. No credit will be given for this course for students who have successfully completed CIT 1002 or CIT 1052 or MTH 1015
Prerequisites: Satisfactory score on math placement test or MTH 0150

MTH 1200 - Excursions in Mathematics I

Credits: 3

This course is designed for liberal arts students and has as its goal the development of logical and mathematical thinking in the students who take it. Through contemporary topics the course will develop problem-solving techniques, an appreciation for mathematics and the relationship of mathematics to other disciplines. Algebra systems, techniques and other resources will be used for writing, presentation, and research in mathematics.

Prerequisites: Satisfactory score on math placement test or MTH 0150

MTH 1210 - Excursions in Mathematics II

Credits: 3

This course is designed for liberal arts students and has as its goal the development of logical and mathematical thinking in the students who take it. Through contemporary topics the course will develop problem-solving techniques, an appreciation for mathematics and the relationship of mathematics to other disciplines. Topics will be selected from: Growth and Symmetry, and Statistics.
Prerequisites: Satisfactory score on math placement test or MTH 0150.

MTH 1400 - Elementary Functions

Credits: 3

This course covers concepts and techniques of algebra that have important applications. Sets, real number systems, polynomial, exponential and logarithmic functions, systems of linear equations and matrices and applications are stressed throughout the course.

Prerequisites: Satisfactory score on math placement test or MTH 0150 (C or better). No credit permitted for those with earned credit in an equivalent course or for students who have taken a higher-level course for which this is a prerequisite.

MTH 1500 - Precalculus

Credits: 3

This course covers the real number systems,

inequalities, analytical trigonometry, analytical geometry, higher degree polynomial functions, linear systems, sequences and series.

Prerequisites: Satisfactory score on math placement test or MTH 1400 (C or better). No credit permitted for those with earned credit in an equivalent course or for students who have taken a course for which this is a prerequisite.

MTH 2050 - Mathematics for the Elementary School Teacher I

Credits: 3

A course for elementary school teachers covering problem solving, numeration, sets, relations, functions, integers, rational and real number systems, and the use of calculators.

Prerequisites: Satisfactory score on math placement test or MTH 0150.

MTH 2060 - Mathematics for the Elementary School Teacher II

Credits: 3

A course for elementary school teachers covering problem solving, logic, analysis of geometric shapes and solids, measurement, congruence, similarity, constructions, transformations, statistics, probability, and the use of the calculator.

Prerequisites: Satisfactory score on math placement test or MTH 0150.

MTH 2070 - Elementary Statistics

Credits: 3

Cross-listed with: PSY 3210 / SOC 3210
Introduction to the fundamental concepts of applied statistics that include elementary probability, descriptive statistics, frequency functions, sampling distributions, the testing of hypotheses, estimation, correlation and regression. Emphasis is given to applications of these concepts in the managerial, business and behavioral sciences.

Prerequisites: Satisfactory score on math placement test or MTH 0150.

MTH 2300 - Introduction to Management Science

Credits: 3

This course develops a conceptual understanding of the role management science (applied mathematics) plays in business decision-making process. Topics include linear programming and computer solutions, transportation, assignment, and transshipment models, project scheduling, inventory models, waiting lines, simulation, and decision analysis.

Prerequisites: MTH 1400 or satisfactory score on math placement test.

MTH 2350 - Discrete Mathematics

Credits: 3

This course is an introduction to techniques and modes of reasoning of combinatorial problem solving. Basic concepts include graph theory, combinatorics, inclusion/exclusion principle and recurrence relations.

Prerequisites: MTH 1400 or permission of the division.

MTH 2450 - Topics in Computer Mathematics

Credits: 3

A study of computer-related arithmetic and mathematical methods selected from a variety of topics including: number systems, number representation, Boolean algebra, hardware and software arithmetic, mathematical algorithms, error correcting codes, fuzzy sets, coding theory, computability and complexity, Turing machines and other appropriate topics.

Prerequisites: MTH 1400 or satisfactory score on math placement test.

MTH 2510 - Analytic Geometry and Calculus I

Credits: 4

This course covers plane analytic geometry, rate of change of a function, differentiation of algebraic functions, integration and applications.

Prerequisites: MTH 1500 (C or better) or satisfactory score on math Placement test.

MTH 2520 - Analytic Geometry and Calculus II

Credits: 4

This course covers equations of the second degree, differentiation and integration of transcendental functions, parametric equations, and applications.

Prerequisites: MTH 2510 (C or better).

MTH 2530 - Analytic Geometry and Calculus III

Credits: 4

This course covers infinite series, multi-variable calculus, solid analytic geometry, coordinate systems, review of integration, applications.

Prerequisites: MTH 2520 (C or better).

MTH 2650 - Fundamentals of Mathematical Reasoning

Credits: 3

Students will be introduced to topics and themes that appear in upper-level courses, including set theory, functions, relations, cardinality, methods of proof. Mathematical software, computer algebra systems, techniques and other resources will be used for writing, presentation, and research in mathematics.

Prerequisites: MTH 2510

MTH 3010 - Probability and Mathematical Statistics

Credits: 3

Introduction to probability theory and the fundamental concepts of statistical inference that includes a study of the common discrete and continuous probability distributions, sampling theory, estimation, testing hypotheses, method of least squares and analysis of variance.

Prerequisites: MTH 2520 or permission of the division.

MTH 3041 - Differential Equations

Credits: 3

This course covers derivation of differential equations, solutions of special types of differential equations of higher order, linear differential with

constant coefficients, and integration in series.

Prerequisites: MTH 2530 or permission of division.

MTH 3060 - Linear Algebra

Credits: 3

Linear functions limited to real, finite dimensional cases, linear transformations, vector spaces, matrix theory, quadratic forms.

Prerequisites: MTH 2520 or permission of the division

MTH 3070 - Numerical Analysis

Credits: 3

This course covers the numerical solution of an equation, a system of linear equations and of a differential equation; the numerical evaluation of a series of an integral; finite difference calculus; interpolation theory; and the simplex method of linear programming.

Prerequisites: MTH 2530 and MTH 3060.

MTH 3120 - Number Theory

Credits: 3

This course offers an investigation into the basic properties of the integers. Topics include divisibility, distributions of primes, sum of squares, congruence, number theoretic functions and quadratic reciprocity.

Prerequisites: MTH 2520

MTH 3200 - Real Analysis

Credits: 3

In this course, students will learn about the theoretical origins of the concepts encountered in the calculus sequence, including convergence, continuity, differentiation, integration, sequences and series. This study of real functions will include the historical development of the major theorems in analysis.

Prerequisites: MTH 2530 and MTH 2650

MTH 4010 - Mathematics for Secondary School Teachers I

Credits: 3

High school math content is studied through a lens that enables students to deepen their understanding of mathematics by making connections between mathematical ideas, seeing the content in context, applying mathematics in a range of settings, and understanding the historical development of ideas. Topics include: real and complex numbers, functions, equations, algebraic structures, induction recursion, divisibility properties, integers and polynomials.

Prerequisites: MTH 2530, and MTH 3060.

MTH 4020 - Modern Geometry

Credits: 3

A study of various types of geometries: Euclidean, non-Euclidean, projective, affine, finite. Various methods of studying these geometries, axiomatic, transformational and synthetic

Prerequisites: MTH 2520.

MTH 4030 - History of Mathematics

Credits: 3

This course is a survey of the history of mathematics from ancient times through the development of calculus and the origins of modern algebra in

the nineteenth century. Topics of the history of mathematics will be examined using a problem solving approach.

Prerequisites: MTH 2530.

MTH 4031 - Mathematics for Secondary School Teachers II

Credits: 3

High school mathematics content is studied through a lens then enables students to deepen their understanding of mathematics by making connections between mathematical ideas, seeing the content in new contexts, applying mathematics in a range of settings, and understand the historical development of ideas. Topics include: Euclidean congruence, transformational congruence, symmetry, distance, similarity, trigonometry, area, volume, axiomatic systems and the Cartesian model of the Euclidean Plane.

Prerequisites: MTH 2530 and MTH 3060.

MTH 4040 - Coordinating Seminar

Credits: 3

This course serves as a capstone experience. Students will demonstrate their understanding of various topics in mathematics through projects and extended readings.

Prerequisites: Senior mathematics majors or permission of division.

MTH 4050 - Modern Abstract Algebra

Credits: 3

Number theory, equivalence and congruence, groups, rings and fields, solution of polynomial equations.

Prerequisites: MTH 2530 and MTH 3060 or permission of division.

MTH 4100 - Foundations of Mathematics

Credits: 3

This course is an introduction into the language and procedures of modern mathematics by means of an axiomatic-intuitive study of logic and set theory. The genesis of the real number system beginning with Peano's postulates and the set of natural numbers. Other selected topics will be covered at the discretion of the instructor.

Prerequisites: MTH 2520

MTH 4350 - Combinatorics

Credits: 3

Advanced combinatorial topics and methods, including design theory, generating functions, graph theory, posets, Ramsey theory, systems of distinct representatives, applications of linear algebra.

Prerequisites: MTH 2350 and MTH 3060

MTH 4850/4860/4870/4880 - Mathematics Internships

Credits: (3,6,9,12)

Students are given the opportunity to earn academic credit by serving as interns, with supervised practical experience in mathematics, in business, and industrial settings. The exact nature of the services that the student will be called on to perform will depend on the particular assignment. No more than

6 credits will be counted toward the math elective.

Prerequisites: Permission of the division

MTH 4910 - Special Topics in Mathematics

Credits: 3

This course covers selected advanced topics in mathematics or statistics.

Prerequisites: Permission of division.

MTH 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

This course is an independent investigation of specific mathematical topics under the guidance of an instructor.

Prerequisites: Permission of division.

MATHEMATICS, SCIENCE AND TECHNOLOGY

MST 1010 - Math/Science/Technology I

Credits: 3

This course introduces students to the scientific method, experimental design, mathematical data analysis, information retrieval and assessment. Integrated throughout the course is mathematical theory and problem-solving strategies. Students will engage in inquiry-based and collaborative learning and develop both written and oral communication skills. This course satisfies the college's computer literacy requirement.

Lecture hours/Lab hours: 2 lecture hours, 2 lab hours.

Prerequisites: Successful performance on reading, writing and mathematics placement tests.

MST 2010 - Applied Math, Science and Technology I

Credits: 3

This is a theme-based sequence of courses that applies the concepts developed in MST 1010. That is, students working in collaborative learning groups will conduct inquiry-based experiments using the scientific method, engage in problem solving activities, and use computer technology for both researching and writing. Mathematical concepts such as number theory, statistics and probability, geometry and measurement will be integrated with the selected theme. Themes chosen will be interdisciplinary in nature and will include content from mathematics, technology, physics, biology, chemistry, earth science and astronomy. A different theme will be selected for each semester. MST 2010 is not a pre-requisite for MST 2020.

Lecture hours/Lab hours: 2 lecture hours, 2 lab hours

Prerequisites: Successful completion of one of the following: MST 1010, MTH 1015, MTH 1400, MTH 1500, MTH 2070, OR MTH 2510. Completion of the following course sequences are also acceptable: MTH 2050 & MTH 2060 OR MTH 1200&MTH 1210

MST 2020 - Applied Math, Science and Technology II

Credits: 3

This is a theme-based sequence of courses that applies the concepts developed in MST 1010. That is, students working in collaborative learning groups will conduct inquiry-based experiments using the scientific method, engage in problem solving activities, and use computer technology for both researching and writing. Mathematical concepts such as number theory, statistics and probability, geometry and measurement will be integrated with the selected theme. Themes chosen will be interdisciplinary in nature and will include content from mathematics, technology, physics, biology, chemistry, earth science and astronomy. A different theme will be selected for each semester.

Lecture hours/Lab hours: 2 lecture hours, 2 lab hours

Prerequisites: Successful completion of one of the following: MST 1010, MTH 1015, MTH 1400, MTH 1500, MTH 2070, OR MTH 2510. Completion of the following course sequences are also acceptable: MTH 2050 & MTH 2060 OR MTH 1200&MTH 1210

MUSIC

MUS 1040 - Introduction to Music

Credits: 3

This course is designed to introduce students to musical masterpieces chosen from the Middle Ages through the Twentieth Century. Musical style, forms and techniques are discussed and demonstrated. Whenever possible, musical trends will be related to ideas and styles in art, literature and political history.

MUS 1650 - Voice Workshop I

Credits: 3

Activities will include exercises to properly "warm-up" and develop good singing technique. The meaning of musical notation and the importance of musical literacy will be stressed. Problems relating to blend, rhythmic accuracy, interpretation and stage deportment will also be considered. As a group, the class will present a public performance during the semester.

Prerequisites: Vocal audition required.

MUS 1660 - Voice Workshop II

Credits: 3

Activities will include exercises to properly "warm-up" and develop good singing technique. The meaning of musical notation and the importance of musical literacy will be stressed. Problems relating to blend, rhythmic accuracy, interpretation and stage deportment will also be considered. As a group, the class will present a public performance during the semester.

Prerequisites: Vocal audition required.

MUS 2100 - Music in the Classic Period

Credits: 3

The Classical Period as revealed in the lives of Gluck, Haydn, Mozart and Beethoven. Major classical forms, including the symphony, the sonata and

chamber music, will be studied.

MUS 2110 - Music in the Romantic Period

Credits: 3

The Romantic Period as expressed in the lives and works of the great composers, including Berlioz, Chopin, Schumann, Liszt, Wagner, Verdi and Brahms. The development of program music and such typical romantic forms as the lied, music drama, tone poem, solo concerto, nocturne, impromptu and prelude, will be studied.

MUS 2140 - American Music

Credits: 3

American music is a reflection of our racial, ethnic, religious, social and geographic diversity. This course will acquaint the student with the development of American music from the period of the Revolutionary War until the present. The music of such major figures as Billings, Ives, Gershwin, Ellington and Bernstein will be studied.

MUS 2150 - Literature of the Musical Theatre

Credits: 3

A historical survey of musical theatre as it developed in America. Composers and lyricists to be studied include Kern, Gershwin, Berlin, Hart, Porter, Rodgers, Hammerstein and Sondheim.

MUS 4010 - Special Topics in Music

Credits: 3

The study of a particular genre or period, including topics from both the classical and popular music fields. Topics to be announced.

Prerequisites: MUS 1040 or permission of instructor.

MUS 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Under the supervision of an adviser, the student pursues an individual program of study and research on a suitable topic.

Prerequisites: Written permission of instructor.

NURSING

NUR 1111 - The Developing Nursing Student

Credits: 1

This course introduces the novice nursing student to the profession of nursing. Ways to enhance learning throughout the program are identified along with educational resources available at the college. Emphasis is placed on assisting students to develop interpersonal relationships with faculty and other nursing students to provide a supportive network. Critical thinking is introduced.

Lecture hours/Lab hours: 1 hour lecture.

NUR 2024 - Nursing Skills

Credits: 4

This course provides the opportunity to learn and practice procedures that will be necessary for giving nursing care to clients of all ages. Emphasis is on the development of psychomotor skills

needed to give personal care and foster hygiene, to administer medications, to maintain safety, to meet mobility needs, to meet energy needs, and to meet elimination needs. Students will learn procedures in the college laboratory and will have opportunities to practice them in select clinical areas.

Lecture hours/Lab hours: 2 hours lecture, 6 hours lab
Prerequisites: BIO 1040, CHM 1060, PSY 1010, SOC 1010.
Pre or Co-requisites: BIO 2020.

NUR 2043 - Physical Assessment

Credits: 3
This course focuses on the collection and organization of information relevant to a person's health status. Emphasis is on developing skills for taking a nursing history, for conducting a psychosocial assessment and a physical assessment on a well individual, and for reporting results of the assessment in an organized manner.

Lecture hours/Lab hours: 2 hours lecture, 3 hours lab
Prerequisites: BIO 1040, PSY 1010, SOC 1010.

NUR 2045 - Physical Assessment for RNs

Credits: 3
Physical assessment it geared towards increasing your assessment taking skills. As a practicing nurse, you will be able to draw from your practical experience within the field in order to gain a better understanding of the procedures for correctly completing a physical assessment and documenting your findings. Each module is focused on a certain area of the body with the final being a comprehensive exam of all of your learning. A three day residency is required to receive hands-on learning of this vital aspect of assessment for the professional RN. It will include demonstrations, practice, and evaluation.

Prerequisites: RN licensure

NUR 3001 - Foundations of Nursing Research

Credits: 3
This course focuses on nursing research: the relationships among nursing theory, research, education, and practice. Students will explore ethical issues and implications relating to the conduct and process of research. Students will be introduced to the steps of the research process and will be guided in the critical appraisal of research studies and evidence-based nursing practice. Students will analyze samples of evidence-based practice that improve quality of care and promote cost-containment. Furthermore, students will identify barriers to EBP and develop strategies to overcome these barriers.

Lecture hours/Lab hours: 3 hours lecture
Prerequisites: CIT 1052 , MTH 2070, NUR 2024, NUR 2043.

NUR 3002 - Foundations of Nursing Research for RNs

Credits: 3
This course focuses on nursing research: the relationships among nursing theory, nursing research, nursing education, and nursing practice.

Students will explore ethical problems when conducting research and the ethical implications of research. Students will be introduced to the steps of the research process and will be guided to the basis for critical appraisal of research studies and evidence-based nursing practice (EBP). Students will analyze three samples of evidence based practice that improve quality of care and promote cost containment. Furthermore, students will identify barriers to EBP and develop strategies to overcome those barriers.

Prerequisites: RN licensure

NUR 3006 - Bridge to Foundations of Nursing Practice

Credits: 3
This course focuses on bridging knowledge and skills of the registered nurse (RN) student and those knowledge and skills relevant to the nursing process, theoretical bases of nursing, critical thinking, diversity and cultural competence, American Psychological Association (APA) 6th edition guidelines, informatics, technology and computer literacy, and other issues identified by students as learning needs to effectively transition to the baccalaureate curriculum. Students will demonstrate reflective use of professional nursing literature related to nursing education, administration, practice, and research.

Prerequisites: RN licensure

NUR 3007 - Registered Nursing Credits

Credits: (30)

NUR 3012 - Adult Health Nursing I

Credits: 7
This course focuses on the nursing care of people who have certain health alterations including cancer; surgery; and neurological, endocrine, immunological, sensory, cardiovascular, hematologic and respiratory disorders. Emphasis is on prevention, illness care and rehabilitation of the client within a rapidly changing health care system. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing intervention. Political, social, economic, technological, ethical and legal issues impacting the client are examined. Nursing process and Gordon's Functional Health Patterns are the basis for clinical decision making.

Lecture hours/Lab hours: 3 hours lecture, 12 hours lab.
Prerequisites: NUR 2024, NUR 2043; BIO 3030
Pre or Co-requisites: HLT 3040, PSY 3050.

NUR 3022 - Adult Health Nursing II

Credits: 4
This course focuses on the nursing care of people who have certain health alterations including disorders of the gastrointestinal, musculoskeletal, renal and reproductive systems. Emphasis is on prevention, illness care and rehabilitation of the client within a rapidly changing health care system. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect

nursing intervention. Political, social, economic, technological, ethical and legal issues impacting the client are examined. Nursing process and Gordon's Functional Health Patterns are the basis for clinical decision making.

Lecture hours/Lab hours: 2 hours lecture, 6 hours lab
Prerequisites: NUR 3012; HLT 3040

NUR 3030 - Pathophysiology For RN's

Credits: 3
This course focuses on the study of disruptions of normal body functioning at the gross and cellular levels that occur as a result of disease and injury. It also looks at the biologic and physical manifestations of disease as they correlate with the underlying abnormalities and physiologic disturbances. Pathophysiology does not deal directly with the treatment of disease. Rather, it explains the processes within the body that result in the signs and symptoms of a disease. This course is designed specifically for registered nurses who are actively working.

Prerequisites: RN licensure

NUR 3040 - Nursing Care of the Childbearing Family

Credits: 4
Nursing care of the childbearing family is the focus of this course. Included are the processes of normal pregnancy, labor and delivery, the postpartum experience, and the care of the normal healthy newborn. Disorders with these processes and other health problems experienced by the childbearing family are also presented. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing intervention. Nursing process, Gordon's Functional Health Patterns, and Erikson's and Duvall's theories of growth and development are the framework for clinical decision making and application of research findings.

Lecture hours/Lab hours: 3 hours lecture, 3 hours lab
Prerequisites: NUR 3012, HLT 3040.

NUR 3051 - Mental Health Nursing

Credits: 4
This course prepares the general practitioner of nursing to deal with psychosocial problems. The nursing process is used as a means of organizing psychiatric clinical syndromes. Emphasis is on assessment skills and the supportive, holistic treatment role of the nurse in dealing with client behaviors. Nursing process and Gordon's Functional Health Patterns are the basis for clinical decision making. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing intervention.

Lecture hours/Lab hours: 3 hours lecture, 3 hours lab
Prerequisites: NUR 3012, HLT 3040
Pre or Co-requisites: NUR 3022

NUR 3150/3160/3170 - Selected Topics in Nursing

Credits: (1, 2, 3)
An intensive study of an area, concern or trend

in nursing that is not specifically covered in the general curriculum. Not more than three credits may be applied toward fulfilling degree requirements.

Prerequisites: Determined by instructor.

NUR 4010 - Nursing Care of Children

Credits: 4
(ages one month through adolescence). Emphasis is on understanding the impact of growth and development on health alterations common to this age group. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing intervention. Students will be expected to exercise leadership skills to generate improvements in the health care of children and their families. Nursing process and Gordon's Functional Health Patterns are the basis for clinical decision making.

Lecture hours/Lab hours: 2 hours lecture, 6 hours lab
Prerequisites: NUR 3022, NUR 3040, NUR 3051.

NUR 4020 - Community Health Nursing

Credits: 4
This course focuses on the application of the nursing process to community-as-partner, and to individuals and families receiving health care in their homes or through other community-based programs. There is emphasis on the cognates upon which public/community health practice is based: epidemiology, demography, political processes, health organizations and ecology. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing intervention. Nursing process and Gordon's Functional Health Patterns are the basis for clinical decision making.

Lecture hours/Lab hours: 2 hours lecture, 6 hours lab
Prerequisites: NUR 3022, NUR 3040, NUR 3051 .
Pre or Co-requisites: NUR 4010.

NUR 4022 - Community Health Nursing for RNs

Credits: 4
This course focuses on the application of the nursing process to community-as-partner, and to individuals and families receiving health care in their homes or through other community-based programs. There is emphasis on the cognates upon which public/community health practice is based: epidemiology, demography, political processes, health organizations, and ecology. Cultural patterns, family phenomena, and lifestyles are examined as they relate to and affect nursing intervention. Nursing process and Gordon's Functional Health Patterns are the basis for clinical decision-making.

Prerequisites: RN licensure

NUR 4051 - Complex Health Nursing

Credits: 7
This course focuses on the application of the nursing process to people who have multiple and increasingly complex health alterations, including actual or potential life-threatening health problems that require continuous observation and

appropriate interventions to prevent complications and restore health. There is emphasis on a high level of synthesis of previous knowledge, setting priorities and managing multiple variables, and exercising leadership skills. Also emphasized is collaboration with other health care providers in promoting health and well-being of clients and their families. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing intervention. Nursing process and Gordon's Functional Health Patterns are the basis for clinical decision making.

Lecture hours/Lab hours: 3 hours lecture, 12 hours lab
Prerequisites: NUR 4010, NUR 4020.

NUR 4060 - Professional Nursing: Issues and Trends

Credits: 3

This course focuses on the professional nurse's role as leader, change agent, client advocate and user of research. Emphasis is on the transition from student to graduate. There is emphasis on contemporary issues in health care and nursing leadership, human resources management, legal-ethical dilemmas, organizational and change theories, health care delivery models, and on the preparation for assimilation into the professional practice of nursing.

Prerequisites: NUR 4010, NUR 4020.

NUR 4061 - Professional Nursing: Issues and Trends

Credits: 4

This course focuses on the professional nurse's role as leader, change agent, client advocate and user of research. Emphasis is on the transition from student to graduate. There is emphasis on contemporary issues in health care and nursing leadership, human resources management, legal-ethical dilemmas, organizational and change theories, health care delivery models, and on the preparation for assimilation into the professional practice of nursing. A 45 hour preceptorship with a nurse administrator is part of this course to reinforce learning and provide hands-on experience as the nurse as a professional leader.

Prerequisites: RN licensure

NUR 4210 - Nursing Seminar I: Adult Health Nursing

Credits: 1

This course focuses on the application of the nursing process to diverse adult populations who have common health alterations as well as those having multiple and increasingly complex health alterations. There is a high level of synthesis of previous knowledge, setting priorities and managing multiple variables, and evaluating research for the applicability of its finding to nursing practice. Also emphasized are leadership skills and collaboration with other health care providers in promoting the health and well-being of clients and their families in the acute phase of illness through

rehabilitation. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing intervention.

Lecture hours/Lab hours: 3 hours seminar

Prerequisites: Satisfactory completion of proficiency exams by RNs for NUR 3010, NUR 3020, NUR 4050.

NUR 4212 - RN Seminar: Adult Care

Credits: 1

This course focuses on the application of the nursing process to diverse adult populations having multiple and/or increasingly complex health alterations. There is a high level of synthesis of previous knowledge, setting priorities, and managing multiple variables, and evaluating research for the applicability of its finding to nursing practice. Also emphasized are leadership skills and collaboration with other health care providers in promoting health and wellbeing of clients and their families from the acute phase of illness through rehabilitation. Cultural patterns, family phenomenon and lifestyles are examined as they relate to and affect nursing interventions.

Prerequisites: RN licensure

NUR 4220 - Nursing Seminar II: Maternal-Child Health Nursing

Credits: 1

This course focuses on the application of the nursing process to the childbearing family and the child in the family system from conception through adolescence. Emphasis is placed on the growth and development process as these individuals and families adaptively respond to selected health alterations. Research findings that generate improvements in the health of the childbearing family and the child will be presented and used. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing intervention. Community resources and services will be explored.

Lecture hours/Lab hours: 2 hours seminar

Prerequisites: Satisfactory completion of proficiency exams by RNs for NUR 3040, NUR 4010.

NUR 4222 - RN Seminar: Maternal-Child Health Nursing

Credits: 1

This course focuses on the application of the nursing process to the childbearing family and the child in the family system from conception through adolescence. Emphasis is placed on the growth and development process as these individuals and families adaptively respond to selected health alterations. Research findings that generate improvements in the health of the childbearing family and the child will be presented and utilized. Cultural patterns and family phenomena as they relate to chosen life styles and affect nursing interventions will be examined. Students will apply research, analysis, and synthesis skills to explore current issues in the maternal-child nursing field.

Prerequisites: RN licensure

NUR 4230 - Nursing Seminar III: Mental Health Alterations

Credits: 1

This course focuses on the application of the nursing process to adults who have psychosocial problems. Emphasis is placed on the provision of supportive, holistic care dealing with client behaviors. Research findings that support improvements in mental health will be presented and used. Cultural patterns, family phenomena and lifestyles are examined as they relate to and affect nursing interventions. Community resources and services will be explored.

Lecture hours/Lab hours: 1 hour seminar

1 hour seminar

Prerequisites: Satisfactory completion of proficiency exams by RNs for NUR 3050.

NUR 4233 - RN Seminar: Mental Health Nursing

Credits: 1

This course is geared towards the Registered Nurse pursuing a Bachelor in Nursing Degree. The focus will be on the application of the nursing process to child, adolescent and adult persons who have psychosocial problems. Emphasis is placed on student analysis of contemporary psychiatric issues including moral, ethical, and legal issues. Research findings that support improvements in mental health will be presented and used. Cultural patterns and family phenomena as they relate to chosen lifestyles and affect nursing interventions will be examined. The Nursing Process, NANDA, and DSM-IV are the basis for clinical understanding and decision-making. Cultural patterns, family phenomena and lifestyles are utilized to inform nursing intervention.

Prerequisites: RN licensure

NUR 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Independent investigation, under guidance of an instructor, of a subject of special interest to the student.

Prerequisites: Written permission of instructor and division chair.

PHILOSOPHY

PHL 1020 - Logic

Credits: 3

Cross-listed with: HON 1050.

A course in logical and critical thinking. It will include both formal and informal arguments. Attention will be given to the practical application of logic through analysis of arguments from current reading materials.

Corequisites: No more than one of the following: ENG 0120, ENG 0130 or ENG 0140.

PHL 1030 - Introduction to Philosophy

Credits: 3

Cross-listed with: HON 1040.

An introduction to philosophy as a discipline.

Students will examine at least two major philosophical issues and will read classical and contemporary sources. There will be an emphasis on learning the language of philosophy as well as its distinct modes of thought.

Corequisites: ENG 1010.

PHL 2030 - Social Philosophy

Credits: 3

Students will examine philosophical issues arising from the social aspects of people. The course will include the study of such social issues as authority, community, law, human rights, justice and the state.

Prerequisites: 3 credits in philosophy.

PHL 2100 - General Ethics

Credits: 3

This course covers morality; happiness and its pursuit; human acts. Determinants of morality; subjective and objective norms; law; sanctions.

PHL 2440 - Modern Logic

Credits: 3

A basic course in modern, formal logic. Content will include sentential logic through argument forms and proofs. In addition, topics such as those raised by predicate logic, many-valued logics, inductive logics or electronic technology, e.g., thinking-machines, will be covered.

Prerequisites: 3 credits in philosophy.

PHL 2970/2980/2990 - Topics in Philosophy

Credits: (1,2,3)

A study of specific philosophical topics. The topics and credit will be announced each year.

Prerequisites: 3 credits in philosophy.

PHL 3050 - Ethics of Human Service

Credits: 3

Cross-listed with: HSR 3050.

This course in applied ethics has a dual focus on theory and practice. Students will receive a theoretical grounding in major ethical systems, will learn how to recognize specific ethical dilemmas, and, by systematic examination of cases, will learn how to arrive at principled ethical decisions in the major aspects of human services.

Prerequisites: 3 credits in philosophy.

PHL 3060 - Philosophy and Technology

Credits: 3

This course examines the modern role of technology in shaping different aspects of human experience. Topics covered may include personal identity and technology, art and technology, ethics and the use of technology, the impact of technology on political and social structures, and artificial intelligence.

Prerequisites: 3 credits in philosophy.

PHL 3070 - Philosophy of Law

Credits: 3

The focus of this course is to examine the nature of law and legal systems in general. Topics may include the nature of law, rights, justice, punishment and legal reasoning.

Prerequisites: 3 credits in philosophy.

PHL 3080 - Philosophy of Education

Credits: 3

The student will examine the values and goals of education, study contemporary problems against classical backgrounds and apply philosophies of education to practical issues. They will be expected to articulate their own philosophy of education as a result of their study.

Prerequisites: 3 credits in philosophy.

PHL 3090 - Environmental Ethics

Credits: 3

This course explores the ethical, political and social dimensions of various environmental issues. Topics may include philosophical foundations of environmental theories, depletion and scarcity of natural resources, the relationship of humans to the environment, political and social influences on environmental decisions, protection of species, and overpopulation.

Prerequisites: 3 credits in philosophy.

PHL 3120 - Business Ethics

Credits: 3

Students will examine both theoretical and practical aspects of ethical issues arising in the contemporary business world. They will be expected to form judgments and articulate rational justification for these judgments.

Prerequisites: 3 credits in philosophy.

PHL 3670 - Medical Ethics

Credits: 3

This course will focus on the nature of medical ethics and on the ethical implications of current problems in medical practice and research.

Prerequisites: 3 credits in philosophy.

PHL 4050 - Philosophy Seminar

Credits: 3

Selected topics in philosophy.

Prerequisites: 3 credits in philosophy.

PHL 4970/4980/4990 - Independent Study

Credits: (1,2,3)

Independent investigation of specific philosophical questions under guidance of an instructor.

Prerequisites: 6 credits in philosophy and written permission of instructor.

PHYSICAL EDUCATION

PED 1080 - Emergency Care and First Aid

Credits: 1

This course, designed by the Red Cross, focuses on First Aid and CPR for the non-health care professional. It provides instruction and practice in primary and secondary assessment of injuries: rescue breathing, choking, and CPR for the adult; controlling bleeding, soft tissue injuries, splinting, environmental emergencies, and rescue moves in an emergency.

PED 1103 - Lifeguard Training

Credits: 3

Instruction and practice of strokes, survival and

rescue skills necessary for American Red Cross Advanced Lifesaving certification.

PED 1160 - Beginning Yoga

Credits: 1

Basic foundation, postures and Yogic breathing, ending in total relaxation. Class discussion will include Hatha Yoga and the various systems of Yoga, the great American Yogis and diet.

PED 1161 - Intermediate Yoga and Wellness

Credits: 1

This course builds on beginning yoga and further explores this 5,000 year old practice and its role in promoting health and well-being. With emphasis on Hatha yoga, this course will analyze the ancient art and science of yoga and its effects on physical, mental, and spiritual harmony. Students will learn intermediate yoga postures, yogic breathing, and the nature of the seven chakras as personal growth and holistic systems.

Prerequisites: PED 1160, previous yoga experience, or permission from the instructor.

PED 1173 - Aerobics

Credits: 1

Low-impact beginner aerobics.

PED 1174 - Martial Arts

Credits: 1

Basic knowledge and self-defense tactics of beginning Martial Arts.

PED 1175 - Personal Conditioning

Credits: 1

Basic techniques using cardio-vascular workouts to improve stamina and endurance.

PED 1179 - Strength Training

Credits: 1

Improve strength and endurance utilizing workout and cardio-vascular techniques.

PED 1182 - Volleyball/Soccer

Credits: 1

Basic skills, knowledge, team play and strategy of volleyball and soccer.

PED 1184 - Care and Prevention of Athletic Injuries

Credits: 2

An introduction to athletic training emphasizing basic athletic training principles, including prevention, recognition and care for sports-related injury.

PED 1194 - Advanced Martial Arts Training

Credits: 2

Emphasis on improving Martial Arts tactics and new additional defenses.

Prerequisites: PED 1174.

PED 4852 - Internship

Credits: 2

Individual work-related experience centered on a specific physical education area of personal interest to a student under the guidance of an instructor.

Prerequisites: Permission of faculty mentor.

PHYSICS

PHY 1010 - Introductory Physics I

Credits: 4

Introduction to the major fields of physics with emphasis on understanding fundamental principles while placing the subject in an historical and cultural perspective. Part 1 of a 2-semester course covering mechanics, laws of motion, work and energy.

Lecture hours/Lab hours: 3 hours lecture; 3 hours laboratory

Prerequisites: MTH 0150 or equivalent score on mathematics placement test or permission of the instructor; PHY 1010 is a prerequisite for PHY 1020.

PHY 1020 - Introductory Physics II

Credits: 4

Introduction to the major fields of physics with emphasis on understanding fundamental principles while placing the subject in an historical and cultural perspective. Part 2 of a 2 semester course covering fluid behavior, thermodynamics, waves, electricity and magnetism.

Lecture hours/Lab hours: 3 hours lecture; 3 hours laboratory

Prerequisites: PHY 1010

PHY 1900 - Natural Science Seminar I

Credits: 1

The objective of this course is to integrate the sciences in a systematic study of scientific communication - both oral and written. Students will become familiar with the literature and communication of science, the process of science, and the difference between science and pseudoscience. Participation in seminar discussions will be required.

Lecture hours/Lab hours: 1 hour lecture

Prerequisites: Must be freshman biology, chemistry or general science major or have permission of division.

PHY 2010 - General Physics I

Credits: 4

The first semester of a 2-part calculus-based general physics course covering fundamentals of mechanics, thermodynamics, work and energy.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: MTH 2510- MTH 2520

Pre or Co-requisites: PHY 2010 is a prerequisite for PHY 2020.

PHY 2020 - General Physics II

Credits: 4

The second semester of a 2-part calculus-based general physics course covering fundamentals of wave motion, electricity and magnetism and modern physics.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

Prerequisites: PHY 2010

Pre or Co-requisites: MTH 2510 -MTH 2520; PHY 2010 is a prerequisite for PHY 2020.

PHY 2900 - Natural Science Seminar II

Credits: 1

The objective of this course is to integrate the sciences in a systematic study of scientific communication - both oral and written. Students will understand the use of statistics in data analysis and will learn to read and analyze primary research papers.

Prerequisites: CHM 1900

PHY 3900 - Natural Science Seminar III

Credits: 1

The objective of this course is to integrate the sciences in a systematic study of scientific communication - both oral and written. Students will utilize information from research articles, class discussions, and scientific talks to prepare a group presentation on a topic of current scientific interest. A term paper will be required.

Prerequisites: CHM 2900 or have permission of division.

PHY 4900 - Natural Science Seminar IV

Credits: 1

Emphasis will be placed upon the integration of studies in the sciences. Students will be given the opportunity to demonstrate both knowledge of their discipline and oral presentation skills by the presentation of a seminar on a selected topic. The ability to critique research papers and oral presentations will be stressed.

Prerequisites: CHM 3900

PHY 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Individual reading and research under the direction of a faculty adviser.

Prerequisites: Written permission of instructor.

POLITICAL SCIENCE

POS 2090 - American Government

Credits: 3

A comprehensive survey of the origins of American government; the growth of the Constitution; federalism; an analysis of the structure and function of our national government; discussion of the major contemporary problems with suggested solutions.

POS 2100 - American State and Local Government

Credits: 3

This course covers the major institutions of policy making in state and local government; the process of politics; the "new" federalism; and the dynamics of contemporary problem investigation.

POS 2120 - Political Parties in the United States

Credits: 3

Development, organization and functioning of the two-party system; programs of major parties; role of third parties; analysis of recent trends and changes.

POS 3050 - Development of Political Thought I

Credits: 3

Reading and study of the works of principal political thinkers and the development of western political thought from the Greeks to the Enlightenment to modern times.

Prerequisites: History 1000 or political science 2000 level course or permission of instructor.

POS 3060 - Development of Political Thought II

Credits: 3

Reading and study of the works of principal political thinkers and the development of western political thought from the Greeks to the Enlightenment to modern times.

Prerequisites: History 1000 or political science 2000 level course or permission of instructor.

POS 3400 - The United States Constitution and Supreme Court

Credits: 3

A study of the nature and development of the United States Constitution as interpreted by the Supreme Court with special reference to judicial decisions relating to contemporary constitutional issues. The course combines the historical and analytical approaches with heavy emphasis upon the case method.

Prerequisites: History 1000 or political science 2000 level course or permission of instructor.

POS 4270 - Modern American Legal History

Credits: 3

Cross-listed with: HIS 4270

This course surveys American legal history from the Civil War to the Present. It examines the relationship between trends in the law and the changing social, political and economic environment. Topics to be covered include: the rise of modern constitutionalism, the tension between order and liberty, race and gender under the law, the evolution of tort and criminal laws, and the rise of alternative dispute resolution as a system for resolving conflicts.

Prerequisites: 3 Credits in History

POS 4400 - Special Topics

Credits: 3

An intensive study of a particular topic in political science not covered in the general curriculum. This course may be taken more than once if the topic is different.

Prerequisites: History 1000 or political science 2000 level course or permission of instructor.

POS 4850/4860/4870/4880 - Internship in Politics and Administration

Credits: (3, 6, 9, 12)

Students are given the opportunity to earn academic credit by serving as interns in various governmental or public service oriented offices. The nature of the services that the student will be called upon to perform will depend on the particular

assignment. It is the responsibility of the student to apply for the internship. Credits received for participation in an internship program range from 3 to 12 depending on the type of internship selected. Grading: Pass/Fail.

Prerequisites: History 1000 or political science 2000 level course or permission of instructor.

POS 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Individual reading and research under the direction of an adviser.

Prerequisites: History 1000 or political science 2000 level course or permission of instructor.

PSYCHOLOGY

PSY 1010 - General Psychology

Credits: 3

Cross-listed with: HON 1030.

Explores the multiple concerns of psychology through an introductory study of the fundamental principles and problems underlying human activity and personality. Examines the following areas: learning, human development, memory and problem solving, perception, psychological bases of behavior, personality, social psychology, behavior disorders and therapy.

PSY 2400 - Social Interaction for Multicultural Children and Youth

Credits: 3

Students will analyze factors that affect the development of positive social relationships among children and youth. Emphasis will be placed on ways members of schools and other communities can communicate effectively with individuals from a variety of cultures. Also included will be research on and analysis of strategies to foster positive social development, including cooperative learning, peer collaboration, and conflict resolution. Fieldwork is required.

Prerequisites: Grade of C+ or better in PSY 3010 or PSY 3230.

PSY 2551 - Language for Students with Developmental Disabilities

Credits: 3

Candidates will deepen their understanding of developmental processes and milestones in language development and of how this development is affected by autism, cerebral palsy, and severe and moderate mental retardation. Strategies for promoting language with these students will be examined, including using forms of augmentative and alternative communication.

Prerequisites: ED 2051 and proficiencies and PSY 3401

PSY 3000 - Principles and Techniques of Interviewing and Counseling

Credits: 3

This is a basic course in one-to-one and group therapeutic interaction between a counselor and a client. Basic interviewing techniques

and intervention skills are introduced. The major theories of counseling are introduced accompanied by practice in developing awareness of the dynamics of the interpersonal process in counseling as these dynamics pertain to the helping relationship.

Prerequisites: PSY 1010.

PSY 3010 - Child Psychology

Credits: 3

Physical, intellectual, linguistic, emotional and social aspects in the development of the personality of the child to early adolescent period. Special consideration is given to the interaction of genetic, environmental and cultural factors and the part they play in the development of a healthy, well-integrated personality.

Prerequisites: PSY 1010.

PSY 3020 - Psychology of Learning

Credits: 3

The importance of research in teaching and learning will be explored with an emphasis on topics related to learning and instruction, i.e., memory and cognition; exceptional and culturally diverse students; and motivation related to effective teaching practice. School based fieldwork is required.

Prerequisites: Grade of C+ or better in PSY 3010, PSY 3050 or PSY 3230.

PSY 3030 - Personality and Adjustment

Credits: 3

Considers the major determinants of personality as seen in both adaptive and non-adaptive behavior patterns. Views of modern theorists regarding typical stresses and frustrations in normal living situations. Emphasis on student's understanding of personal adjustment and defensive behavior.

Prerequisites: PSY 1010.

PSY 3050 - Developmental Psychology

Credits: 3

The biological, affective, cognitive and social domains of human development are studied individually and integrally as the stages of growth are traced from conception to death.

Prerequisites: PSY 1010.

PSY 3060 - Biological Psychology

Credits: 3

This course is designed to introduce the student to the field of biological psychology and how the brain contributes to thoughts, feelings and behavior. This introduction will provide the student with information about the organization of the brain and the nature of self-awareness.

Prerequisites: PSY 1010.

PSY 3071 - Psychometrics for Teachers

Credits: 3

Students will learn processes and instruments for measuring cognitive functions, including aptitude and achievement. Both quantitative and qualitative measurement will be discussed as will be using outcomes to guide the creation of psychologically

sound learning environments. Students will learn to develop their own measurement devices and to use descriptive statistics to summarize and analyze the results. Students will also learn to interpret statistics from norm- and criterion-referenced tests and to analyze statistics reported within technical manuals of commercial tests.

Prerequisites: Grade of C+ or better in PSY 3401 and ED 2501 or ED 3331 .

PSY 3100 - Psychoeducational Assessment in Special Education

Credits: 3

This course will focus on the development of skills in formal and informal assessment, task analysis and the interpretation of psychoeducational data for pupils identified as or suspected of having disabilities. Students will learn to synthesize psychological and educational data into an effective Individualized Educational Plan (IEP) for pupils with special needs.

Fieldwork is required.

Prerequisites: Grade of C+ or better in PSY 3401 and 85% or better in all three Educational Proficiency Examinations.

PSY 3110 - Perception/Memory/Cognition

Credits: 3

An introduction to the scientific study of the mental events and knowledge used in activities like recognizing an object, remembering a name, having an idea, understanding a sentence, and solving a problem. During this course, students will learn what has been discovered about human memory and cognitive processes. Students will comprehend how cognitive research is done, and how new knowledge is acquired in the scientific pursuit of cognition. Students will understand the multidisciplinary nature of cognitive psychology and see its impacts on other fields in addition to psychology.

Prerequisites: PSY 1010.

PSY 3150 - Human Sexuality

Credits: 3

The course provides the student with an overview of the field of Human Sexuality. Central to the course is the understanding that sexuality is not solely a biological or psychological phenomena but rather an integrated aspect of our lives. With this in mind, biological, psychological, sociocultural as well as philosophical, moral and spiritual aspects of sexuality will be explored.

Prerequisites: PSY 1010.

PSY 3210 - Psychological Statistics

Credits: 3

Cross-listed with: SOC 3210 /MTH 2070
Introduction to the fundamental concepts of applied statistics in psychology. Includes elementary probability, descriptive statistics, frequency and sampling distributions, hypotheses testing, correlation and regression analysis.

Prerequisites: Passing score on basic algebra proficiency test or MTH 1050.

PSY 3230 - Adolescent Psychology

Credits: 3

This course exams the nature of adolescent development. The biological, cognitive, cultural, peer, family, school and socioeconomic contexts within which adolescents grow to maturity are considered in the light of current research findings. Effective school, home and environmental programs for ameliorating problems of adolescence are also introduced.

Prerequisites: PSY 1010.

PSY 3260 - Psychology of Stress

Credits: 3

This course will focus on the physical, emotional, psychological, and cultural aspects of stress and coping. The student will be introduced to concepts and methods of relaxation and coping skills.

Prerequisites: PSY 1010.

PSY 3270 - Cognitive Psychology

Credits: 3

This course will provide an introduction to the field of cognitive psychology. Cognitive psychology is the branch of psychology that studies the internal processes of the mind such as memory, attention, perception, and decision making. In this course, students will be provided with a basic foundation in cognitive psychology, learn about classic experiments in the field, learn the techniques with which research on cognition is acquired, learn about developments in and applications of the field, and be exposed to examples of current research in the field. At the end of this class, students should have an appreciation of the contribution of cognitive psychology to our understanding of the mind.

Prerequisites: PSY 1010

PSY 3280 - Sensation and Perception

Credits: 3

This course is an introduction to sensory systems and perceptual processes. We will discuss the anatomy and physiology of the sense organs, emphasizing the relationship between the physical stimulus and the neural response that it elicits. We will spend most of the course focusing on vision, exploring topics such as color perception, dark adaptation, and depth perception. We will also explore audition (hearing), gustation (taste), olfaction (smell), and touch. Topics such as pain perception, clinical sensory disorders, individual differences in senses, and animal senses will be explored through presentations, readings, demonstrations, and labs.

Prerequisites: PSY 1010

PSY 3301 - Managing Behavior in Special Education or Mainstreamed Settings

Credits: 3

The course will focus on identifying problems and developing procedures for effective classroom management to foster school learning in pupils who have disabilities or problems in social adjustment or impulse control. Individual and

group discipline problems will be addressed with an emphasis on identifying and structuring the antecedents and consequences for pupil behavior. Includes functional behavioral assessment.

Fieldwork is required.

Prerequisites: Grade of C+ or better in PSY 3401 and 85% or better in all three Educational Proficiency Examinations.

PSY 3310 - Psychology of Death and Dying

Credits: 3

Cross-listed with: HSR 3310

This course will focus on the issue of death, dying, bereavement and survivorship. The topic will be addressed from a combined perspective of Psychology and Human Services. Cross cultural, developmental theories, and community based resources and services will be examined.

Prerequisites: PSY 1010.

PSY 3320 - Psychology of Personality

Credits: 3

Survey of the major findings in the area of personality, the techniques employed and the leading theoretical interpretations of personality structure and interpercs.

Prerequisites: PSY 1010.

PSY 3350 - Communication and Group Process

Credits: 3

A competency-based, participation-oriented course that examines nonverbal and verbal communications as they influence human relationships. A primary concern will be to relate knowledge in the educational, social and behavioral sciences to practical processes of learning, group interaction, personality development, teaching in the classroom and in organizational meetings.

Prerequisites: PSY 1010.

PSY 3360 - Content Enhancement for Adolescent Learners

Credits: 3

Candidates will learn to use a research-based approach designed specifically to support students with learning problems in content-rich general education classes. Candidates will learn to plan routines such as course organizers, unit organizers, concept mastery, concept comparison, concept anchoring, the Frame, vocabulary LINCing, clarifying, and question exploration. They will also learn to use these routines with students to maximize clarity of the "big picture," to support generalization of learning skills, and to reduce language demands that can interfere with content learning. Includes a minimum of 8 hours of fieldwork.

Prerequisites: ED 3240 and ED 3302

PSY 3370 - Metacognitive Supports for Students with Learning Problems

Credits: 3

This course will focus on pupils with or at risk for learning difficulties. Research on cognitive

processing by such pupils will be presented. Candidates will be required to demonstrate application of scientifically based metacognitive strategy training in the areas of literacy and mathematics in a fieldwork setting. Candidates will gain skill in developing and implementing curriculum-based measurement for progress monitoring in reading comprehension and vocabulary. Fieldwork is required.

Prerequisites: PSY 3401

PSY 3401 - Psychology of Exceptional Learners

Credits: 3

Psychological characteristics of children and youth who deviate from the norm because of intellectual, physical, sensory and emotional disabilities; implications for educational programming. School based fieldwork is required.

Prerequisites: Grade of C+ or better in PSY 3010 or PSY 3230 or permission of the instructor.

PSY 3410 - Forensic Psychology

Credits: 3

This course will discuss an overview of the topics pertaining to criminal behavior, which will be covered in detail throughout the course, emphasizing those issues regarding crime and human behavior.

Prerequisites: PSY 1010.

PSY 3450 - Health Psychology

Credits: 3

Students will examine the biological, psychological and social factors related to health promotion, illness prevention and reactions to and treatment for illness, pain and stress. Research techniques will be discussed and contributions of health psychology to well being across the lifespan will be explored.

Prerequisites: PSY 1010.

PSY 3510 - Social Psychology

Credits: 3

Cross-listed with: SOC 3510.

An analysis of the effects of social influences on personality, development and role behavior. Status, communication, group process and social aspects of personality are studied.

Prerequisites: PSY 1010.

PSY 3521 - Introduction to the Neurosciences

Credits: 4

Cross-listed with: BIO 2521

An interdisciplinary course which provides an introduction to the nervous and endocrine systems. It also will provide an understanding of the basis of human behavior in the context of group activity and social behavior. The course will feature a lecture portion which targets the cellular basis of neural function using animal model systems. In addition the course will provide student groups in the class with the opportunity to highlight the underpinnings of certain human activities and clinical pathologies. The laboratory will provide

hand-on experiences as well as demonstrations, focusing on the physiology of the nervous system.

Lecture hours/Lab hours: 3 hours lecture; 3 hours lab

PSY 3530 - Psychology of Motivation

Credits: 3

A survey of the fundamental concepts, empirical findings and theoretical issues in human motivation and the motivation of lower animals.

Prerequisites: PSY 1010.

PSY 3540 - Psychology of Women

Credits: 3

This course centers on the woman in terms of her psychological entity. This encompasses the factors that have contributed to the psychological development of the woman and to her present behavioral and attitudinal profile. Also included is study of the woman in the contemporary world where her status is at present being reinterpreted with resultant re-evaluation of the meaning of the term "psychology of women."

Prerequisites: PSY 1010.

PSY 3560 - Drugs and Society

Credits: 3

This course examines the nature of drugs in our contemporary society. The types of drugs, both illicit and licit are examined. History, physical and psychological effects, and pharmacological uses are emphasized.

Prerequisites: PSY 1010

PSY 3700 - Metacognitive and Social Support for Pupils with Disabilities

Credits: 3

This course will focus on pupils with, or at risk for, disabilities and particularly on: a) research on cognitive processing by such pupils and on metacognitive strategy training and content enhancement for reading comprehension, written expression, and mathematical reasoning) research on and methods of using cooperative learning to foster positive social interactions among pupils with and without disabilities; and c) skills of collaborating with colleagues and parents to support the development of such pupils. School based fieldwork (10 hours) is required.

Fieldwork (10 hours) is required.

Prerequisites: For Childhood: PSY 3401 and ED 2110 and ED 2120 Pre or Co-requisites: For Adolescence: ED 330_ (Curriculum and Assessment in 7-12)

PSY 4210 - Abnormal Child Psychology

Credits: 3

This course is designed to present an overview of the etiology of emotional disturbance, the definitions and characteristics of the emotionally disturbed child as a learner, the differential diagnosis of emotionally disturbed children, preventive methods of disturbance and an introduction to intervention and prescriptive strategies and an analysis of the current research on emotionally disturbed children.

Prerequisites: PSY 3050 or permission of instructor.

PSY 4250 - Abnormal Psychology

Credits: 3

This course is an introduction to the science of psychopathology. Major DSM IV disorders in behavior are studied, such as anxiety disorders, psychoses, mood disorders as well as habit and sexual disorders, sociopathy and disorders of childhood. Major theories of etiology, diagnosis and treatment are also introduced.

Prerequisites: PSY 1010.

PSY 4300 - Selected Topics in Psychology

Credits: 3

A systematic, in-depth analysis of areas of topical interest in psychology not generally covered in the general curriculum. This course may be taken more than once.

Prerequisites: PSY 1010.

PSY 4329 - Psych Addictions Across The Lifespan

Credits: 3

Cross-listed with: HSR 4329

This special topics course is designed to present an introduction and overview of the field of Autism. The student will explore the world and challenges of the individual diagnosed with Autism, Asperger's Syndrome and Pervasive Developmental Disorders. Included will be information on the current behavioral, physiological and biomedical interventions as well as educational needs and current programs. It will also address community interactions, teaching strategies and resources for educators and other professionals. The course will be helpful for psychology, sociology, human services, nursing and education students.

PSY 4330 - Psych of Autism Spectrum Disorders

Credits: 3

This special topics course is designed to present an introduction and overview of the field of Autism. The student will explore the world and challenges of the individual diagnosed with Autism, Asperger's Syndrome and Pervasive Developmental Disorders. Included will be information on the current behavioral, physiological and biomedical interventions as well as educational needs and current programs. It will also address community interactions, teaching strategies and resources for educators and other professionals. The course will be helpful for psychology, sociology, human services, nursing and education students.

PSY 4440 - Experimental Psychology

Credits: 4

A survey of problems, experimental methods and research findings as applied to the field of psychology. Laboratory work in sensation, perception, learning, judgment and thinking. *Lecture hours/Lab hours: 3 hours lecture; 3 hours lab. Prerequisites: PSY 3210.*

PSY 4800 - Psychology Internship Seminar

Credits: 1

Cross-listed with: HSR 4800.

Students who are completing the Psychology Internship, PSY 4850, will meet weekly to learn core competencies of professional helping, and discuss how the competencies apply to their internship. *Corequisites: PSY 4850/4860/4870/4880.*

PSY 4850/4860/4870/4880 - Internship in Psychology

Credits: (3, 6, 9, 12)

Students are given the opportunity to earn academic credit by serving as interns in various Psychology/Social Science/Human Service agencies. The exact nature of the services that the student will be called on to perform will depend on the particular assignment. It is the responsibility of the student to apply for the internship.

Grading: Pass/Fail.

Prerequisites: Senior status with a major in either psychology or interdisciplinary studies-human services; a minimum 2.5 Grade Point Index in major; a minimum 2.0 GPI for 3-credit option or 2.5 for 6-credit option, 3.0 for 9- or 12-credit option; permission of division chair.

PSY 4900 - Senior Research Seminar

Credits: 3

The Senior Research Seminar is the capstone course in the psychology major, integrating theory, research and applied clinical practice. The course should be taken either in the fall or spring of the student's senior year after all required courses in the psychology major have been completed. The course parameters require that the student develop an independent research project and present their completed project to both the class and the psychology faculty.

Prerequisites: Completion of all requirements for the psychology major.

PSY 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Individual reading and research centered on a specific psychological problem under the guidance of an instructor.

Prerequisites: Written permission of instructor.

RELIGIOUS STUDIES

REL 1010 - Theology for Our Time

Credits: 3

Discussion of the Beatitudes from the Gospel Sermon on The Mount. Course will examine current issues in light of Christian Spirituality and 20th Century Believers and their response to the needs of the time.

REL 1150 - Introduction to the Old Testament

Credits: 3

Treatment and discussion of the fundamental truths of revealed religion as found in the history and

writings of the Israelite people and the bearing of these truths on Christianity.

REL 1250 - Introduction to the New Testament

Credits: 3

Historical, cultural, religious and literary treatment of The New Testament. Examination and discussion of some of the major themes of The New Testament writers.

REL 1300 - Introduction to World Religions

Credits: 3

An introduction to the major religions of the world through a study of their historical development, structures of social organization and authority, and basic beliefs, values and practices.

REL 2120 - Dominican Spirituality

Credits: 3

This course will introduce the student to the work of the order begun by Dominic de Guzman in the 13th century. It will discuss the charisma of the Dominican Order. To Praise, To Bless, To Preach as exemplified in the Dominican Saints and their apostolic work through the centuries.

REL 3030 - Contemporary Moral Problems

Credits: 3

Inquiry into current moral and ethical problems.

REL 3170 - Topics in Religion

Credits: 3

Study of selected topics, problems, theologians or movements. The particular topic and instructor will be announced from year to year.

Prerequisites: 3 credits in religious studies or permission of instructor.

REL 3185 - Religion, Culture and Faith

Credits: 3

Course explores the faith and worship expressions of various cultures in American Christianity. Cultures included are African American, Celtic, Hispanic, Native American, Italian and Eastern European. Faith expression will discuss music, art and rituals in worship and prayer experiences.

REL 3190 - Topics in Scripture

Credits: 3

A study of specific topics in scripture. The topics will be announced each year.

Prerequisites: 3 credits in religious studies or permission of instructor.

REL 4090 - Contemporary World Religions

Credits: 3

This course will examine scriptures of various world religious traditions and the meaning they can hold for the reader with a view toward gaining a richer understanding of various Eastern traditions.

REL 4100 - The Theology of Film

Credits: 3

A study of religious themes as seen in the modern cinema.

Prerequisites: 3 credits in religious studies or permission of instructor.

REL 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Opportunity for guided research in a theological area of personal interest to the student.

Prerequisites: 6 credits in Religious Studies and written permission of instructor.

SCIENCE

SCI 1001 - Forensic Science

Credits: 3

An interdisciplinary introduction to science through the application of the process and concepts of science to investigate questions of legal interest. In this course designed for non-science majors, students will learn to analyze and evaluate evidence through the application of the scientific disciplines of chemistry, physics, and biology. The goal of the course is to provide students with a theoretical foundation of the key analytical methods in forensic science through hands-on experimentation, cooperative learning through group projects, and critical interpretation of data. Emphasis will be placed on developing good laboratory skills, sound scientific reasoning, and problem solving skills.

Lecture hours/Lab hours: 2 hours lecture, 3 hours laboratory

SCI 1030 - Environmental Sustainability

Credits: 3

This is a multidisciplinary course that examines the topic of environmental sustainability from several unique perspectives. It begins with an analysis of different non-renewable and alternative energy resources and investigates the short-term and long-term consequences of their use. It then addresses the predicted influence that climate change may have on ecological diversity and on our ability to cultivate a sustainable society. The third portion of the course examines the toxicity of various pollutants in the environment and explores their roles in driving natural selection and their impacts on human health. Throughout the course students will have opportunities to analyze experimental data and debate controversial environmental issues and to reflect upon the impact our individual behaviors have upon the environment and our society. Emphasis will be placed on anthropogenic contributions to climate change, the maintenance of biodiversity and opportunities to effect change through individual actions and civic engagement. The course will also investigate instances where science has been used and misused to determine public policy. Students will utilize case studies, hands on activities, experiments, group research projects and discussions throughout the course. They will acquire and evaluate scientific information pertaining to current controversial issues in environmental sustainability. *Lecture hours/Lab hours: 2 hours lecture, 2 hours lab Prerequisites: Successful completion of any one of the following: MTH 1015, MTH 1400, MTH 1500, MTH 2070, OR MTH 2510 Completion of the following course sequences are also acceptable: MTH 2050 & MTH 2060 OR MTH 1200 & MTH 1210*

SOCIOLOGY

SOC 1010 - Introduction to Sociology

Credits: 3

This course introduces students to the theoretical foundations of sociological thinking. Students will gain an understanding of the major social theories, the relationships between culture and human behavior, and the process of socialization. Students will apply theories to the analysis of important social structures such as social stratification. Students will be able to use computer applications and the Internet as tools for sociological analysis.

SOC 2210 - Violence in the Community

Credits: 3

This course examines the changes in the methods, patterns, and meanings of violence. It explores individual and collective violence in all of its varying contexts, including the home, the streets, schools, the media, the police, and international terrorism. The major theories explaining the causes of violence, and important research about attitudes toward violence and the use of force to bring about change are reviewed.

Prerequisites: CRI 1110 and SOC 1010.

SOC 2250 - Victims of Crime

Credits: 3

Cross-listed with: CRI 2250.

This course will introduce students to the study of crime victims. Topics will include the characteristics of crime victims, patterns in crime reporting, the psychological, social, and financial impact of crime victimization, the relationship between victims and the criminal justice system, and the views of crime victims by society at large. Recent policies that aim to protect victims' rights and programs that advocate for victims will be evaluated.

Prerequisites: SOC 1010

SOC 2320 - Social Problems

Credits: 3

Sociological analysis of major social problems and their linkage to the culture and structure of American society. Topics covered typically include inequality, racism, sexism, education, health care and criminal justice.

Prerequisites: SOC 1010.

SOC 2410 - Marriage and the Family

Credits: 3

Analytic study of the family as a social group in terms of structure, member roles and function with an examination of ethnic, religious and class differences. The interrelationship between the family and its cultural context is analyzed with a particular reference to the impact of modern culture on traditional forms of marriage and family life.

Prerequisites: SOC 1010.

SOC 2510 - The Theory of Social Case Work

Credits: 3

Cross-listed with: HSR 2510.

The theory and method of social work as related to

the reduction of social problems.

Prerequisites: SOC 1010 or HSR 1030 or SW 1030.

SOC 2600 - Urban Sociology

Credits: 3

Study of the city on both the theoretical and practical levels. The student will learn to view the city as a social system and to apply sociological concepts to the study and amelioration of urban problems. How communities function, why they function as they do and how they might best function are topics covered in this course.

Prerequisites: SOC 1010.

SOC 3020 - Social and Cultural Change

Credits: 3

A study of the forces prompting and impeding societal change with particular attention to those operating in contemporary society. Analyzes the major theories and processes of social change.

Prerequisites: SOC 1010.

SOC 3040 - Social Class, Power and Inequality

Credits: 3

This course offers analysis of causes and consequences of social inequality in the United States. It examines the distribution of wealth, power and privilege and relates inequality to such factors as sex, race, education and occupation.

Prerequisites: SOC 1010.

SOC 3110 - Hate Crimes

Credits: 3

This course reviews the history and evolution of hate crimes, critically examines hate crime laws (national and international) and the enforcement of such laws, and covers the sociological and psychological theories of why people commit hate crimes. Students will also learn strategies for reducing hate and promoting tolerance in their communities.

Prerequisites: CRI 1110 and SOC 1010.

SOC 3160 - Deviance and Crime

Credits: 3

Cross-listed with: CRI 3160

This course will provide an examination of deviant behavior in American society. Topics covered include definitions and theories of deviance as well as various types of deviant behavior, including drug use and alcoholism, mental illness, crime, prostitution and other forms of sexual deviance.

Prerequisites: CRI 1110 or SOC 1010

SOC 3210 - Social Statistics

Credits: 3

Cross-listed with: PSY 3210 /MTH 2070.

Introduction to the fundamental concepts of applied statistics in sociology. Includes elementary probability, descriptive statistics, frequency and sampling distributions, hypothesis testing, correlation and regression analysis.

Prerequisites: SOC 1010 and passing score on basic algebra proficiency test or MTH 0150.

SOC 3260 - Aging and Society

Credits: 3

Students will become familiar with the psychological, physical and social impacts of the aging process. They will assess the social needs of the elderly and discuss and evaluate community-based and institutional services for the independent and dependent elderly population.

Prerequisites: SOC 1010.

SOC 3300 - Law and Society

Credits: 3

This course will introduce students to the nature, functions, limitations, and objectives of law in society and how it functions in society. Specifically, students will be introduced to law and its relationship to selected problems in society. Some focus will be given to how power (e.g., economic, political, social influence) is related to the definition, enforcement, and sanctioning of crime. Students will also consider ethical issues involved in the application of laws to society.

Prerequisites: SOC 1010 or CRI 1110

SOC 3310 - Conflict and Resolution

Credits: 3

This course is an introduction to the restorative/transformatory justice paradigm. It begins with an overview of modern criminal justice systems, with a focus on the centrality of punishment in responses to crime. The idea of "justice" is considered and debated in terms of the restorative and retributive justice concepts. Particular attention is paid to the important elements of values and relationships in restorative justice practices. Issues relating to the three key stakeholder groups—victims, offenders, and community—are discussed and debated. An introduction to existing program models in restorative justice will be provided.

Prerequisites: CRI 1110, SOC 1010.

SOC 3410 - Race, Gender and Society

Credits: 3

This course reviews theories about the causes of racism and sexism. It investigates how these biases influence such important societal functions as schooling, housing, jobs, and justice. It explores the historical conditions of race and gender in the U.S. and also examines how these dimensions intersect.

Prerequisites: SOC 1010.

SOC 3510 - Society and the Individual

Cross-listed with: PSY 3510

An analysis of the effects of social influences on personality, development and role behavior. Status, communication, group process and social aspects of personality are studied.

Prerequisites: SOC 1010 and PSY 1010.

SOC 4070 - Social Theory

Credits: 3

This is an advanced course in social theory. Students will identify major classical and modern theorists, associate them with the major theoretical paradigms in sociology, and describe, analyze and

critique their theories. In addition, students will apply these theories to the analysis of concrete social phenomena.

Prerequisites: SOC 1010.

SOC 4110 - Quantitative and Qualitative Research Methods

Credits: 3

This course introduces students to research methods commonly used investigating social issues. Students will become familiar with the logic of research, its design and analysis. Students will be able to understand a variety of quantitative and qualitative data collection methods and to analyze their appropriateness under different research conditions.

Prerequisites: SOC 1010.

SOC 4250 - Readings in Applied Social Research

Credits: 3

This course will help students develop the skills necessary to become critical consumers of research. Students will read, review and critique examples of classic and cutting edge social science research studies and discuss their application to current issues in social work, sociology, social policy, and criminology.

Prerequisites: SOC 1010, SOC 4110.

SOC 4710 - Community Action

Credits: 3

This course will help students define community action and assess its potential impacts upon social and individual problems. Students will become familiar with the history of community action programs in the United States. Various models of community action will be examined and critiqued.

Prerequisites: SOC 1010.

SOC 4820/4830/4840 - Senior Supervised Research in Sociology

Credits: (1, 2, 3)

Before registering for this course, the student shall submit to the division an outline of the selected research project that he/she wishes to undertake. The outline shall include a discussion of the topic, investigative research methods, the number of credits the student wishes to obtain for the project and the student's choice of a supervising instructor. Division members shall then meet with the student to consider the feasibility of the project.

Prerequisites: Open only to sociology majors with senior class standing and permission of instructor.

SOC 4910 - Special Topics in Sociology

Credits: 3

Selected topics within sociology are studied at an advanced level of analysis.

Prerequisites: SOC 1010.

SOC 4920 - Special Topics in Sociology

Credits: 3

Selected topics within sociology are studied at an advanced level of analysis.

Prerequisites: SOC 1010.

SOC 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Individual reading and research under the direction of an adviser.

Prerequisites: SOC 1010 and written permission of instructor.

HISPANIC STUDIES (SPANISH)

SPA 1010 - Basic Spanish I

Credits: 3

Basics of the language for those initiating the study of Spanish. Integration with conversation and culture to meet student needs.

SPA 1020 - Basic Spanish II

Credits: 3

Basics of the language for those initiating the study of Spanish. Integration with conversation and culture to meet student needs.

Prerequisites: SPA 1010 for SPA 1020.

SPA 1030 - Intermediate Spanish I

Credits: 3

A review of language structure with emphasis on communication and individuality of expression. Varied topics on Hispanic culture: art, music, literature, folklore and social customs.

Prerequisites: SPA 1020

SPA 1040 - Intermediate Spanish II

Credits: 3

A review of language structure with emphasis on communication and individuality of expression. Varied topics on Hispanic culture: art, music, literature, folklore and social customs.

Prerequisites: SPA 1030

SPA 2000 - Conversation-Composition

Credits: 3

An introduction to literature and culture of the Spanish speaking world by building skills in reading, conversation and grammar. A service learning experience will be part of the course. A grade of C is required to continue in the major. Non-majors above the intermediate level may take this course.

Prerequisites: SPA 1040, passing the placement exam or permission of instructor.

SPA 2011 - Spanish Conversation I

Credits: 3

Designed to develop general vocabulary, career terminology, language fluency and intercultural sensitivity necessary in the fields of education, business, health and social services. This class includes a service learning experience.

Prerequisites: SPA 1040, SPA 2000 or permission of instructor.

SPA 2015 - Spanish for Heritage Speakers

Credits: 3

A conversation and writing course designed to meet the special needs of heritage speakers. Readings will include the immigrant experience in

the United States, the contributions and differences between various Spanish-speaking groups and related topics. The course includes a service learning experience and is taught in Spanish. The class is open to heritage speakers of any major.

Prerequisites: SPA 2000 or permission of instructor.

SPA 2021 - Spanish Conversation II

Credits: 3

Intensive work building Spanish conversational skills through readings, film and service learning projects.

Prerequisites: SPA 2011 or SPA 2015 or permission of instructor.

SPA 2030 - Spanish for Business

Credits: 3

A conversation course to study business related vocabulary and culture in Spanish speaking countries. Includes reading and discussion of business case studies on topics such as employee relations, advertising and public relations in Spanish.

Prerequisites: SPA 1040.

SPA 2050 - Spanish for School Teachers

Credits: 3

A conversation course to build vocabulary specific to teaching situations, such as reading a story, introducing a child into class, a parent-teacher conference, working with arts and crafts and promoting multi-culturalism in the classroom.

Prerequisites: SPA 1040.

SPA 3000 - Culture of Spain

Credits: 3

Characteristics of Spanish civilization and everyday life in historical perspective. In Spanish.

Prerequisites: SPA 1040 or permission of instructor.

SPA 3010 - Culture of Spanish America

Credits: 3

A study of distinctive cultural traits of Spanish American countries including pre-Columbian civilizations. In Spanish.

Prerequisites: SPA 1040.

SPA 3030 - Applied Linguistics: Spanish Pronunciation and Intonation

Credits: 3

An analysis of the elements of pronunciation and intonation with opportunity for extensive individualized practice of corrective speech patterns.

Prerequisites: SPA 1040.

SPA 3050 - Masterpieces of Hispanic Literature I (Spain)

Credits: 3

Celebrated works of poetry, drama and the novel from medieval times to the present. In Spanish.

Prerequisites: SPA 1040 or permission of instructor.

SPA 3060 - Masterpieces of Hispanic Literature II: Spanish America

Credits: 3

Celebrated works of poetry, drama and the novel

from the 16th century to the present. In Spanish.

Prerequisites: SPA 1040 or permission of instructor.

SPA 3070 - Selected Readings in Caribbean Culture

Credits: 3

Readings will pertain to literature, history and sociology of Puerto Rico, Cuba and the Dominican Republic. The selections will be chosen to stimulate appreciation of the Hispanic culture centered in the New York area. In Spanish.

Prerequisites: SPA 1040.

SPA 3080 - Contemporary Spanish Culture, Art and Politics

Credits: 3

A general overview of Spanish culture with an emphasis on Spain since the death of Franco in 1975.

Prerequisites: SPA 1020 or permission of instructor.

SPA 3100 - Golden Age Art and Literature

Credits: 3

A study of major writers and artists of Spain and Latin America during the 16th to 17th centuries.

Prerequisites: SPA 1040, SPA 2000 or permission of instructor.

SPA 4000 - Advanced Spanish Composition

Credits: 3

Intensive practice in written Spanish. Includes variants of style and selected problems in vocabulary and syntax.

Prerequisites: SPA 1040.

SPA 4020 - The Novel in Spanish America

Credits: 3

A study of the novel from its beginnings in Spanish America to the present. In Spanish.

Prerequisites: SPA 1040 or permission of instructor.

SPA 4025 - Short Story in Spanish America

Credits: 3

A study of the short story in Spanish America with emphasis on 20th century writers and themes.

Prerequisites: SPA 2000 or permission of instructor.

SPA 4040 - Field Experience in Spanish

Credits: 3

Opportunity to use classroom skills in a Spanish speaking environment. This can be accomplished through supervised study abroad or through co-operation with community agencies, schools or businesses.

Prerequisites: Permission of instructor.

SPA 4050 - Special Topics

Credits: 3

Selected topics of Hispanic culture or literature at an advanced level of analysis. Topics include, Hispanic Women Writers, Hispanic Film, Media in the Hispanic World, among others. In Spanish.

Prerequisites: SPA 1040.

SPA 4970/4980/4990 - Independent Study Spanish

Credits: (1, 2, 3)

Under the guidance of an instructor, the student pursues an individual program of study and research focused on a suitable topic of his/her choice and submits an acceptable report.

Prerequisites: SPA 1040 and written permission of instructor.

THEATRE ARTS

THR 1080 - Introduction to the Theatre

Credits: 3

A survey course in which students will gain the means for greater critical analysis and appreciation of the theatre through the study of the play and its parts; dramatic genres; the roles of the director, actor, playwright, and designer; the nature of the audience; and contemporary theatrical trends.

THR 1100 - Introduction to Stagecraft

Credits: 3

A course designed to introduce students to the rudiments of theatrical production, offering practical experience in scenery design and construction, costume design, lighting design execution, stage management and administrative skills needed for production.

THR 2150 - Literature of the Musical Theatre

Credits: 3

A historical survey of musical theatre as it developed in this country.

THR 2460 - Theatre History

Credits: 3

An analysis of the major eras in theatre from the Greeks to the advent of realism. Major theorists and writers will be examined as will the cultural, political, and social issues of their time. Primary attention will be given to Western theatre with a secondary focus on Japanese, Chinese, and Indian theatrical forms.

THR 3070 - Shakespeare

Credits: 3

Cross-listed with: ENG 3070

An intensive study of William Shakespeare's major plays and sonnets.

Prerequisites: ENG 1010 and ENG 1020.

THR 3190 - Modern American Drama

Credits: 3

Cross-listed with: ENG 3190

A study of the significant American dramatists of the 20th Century. Included for consideration are O'Neill, Odets, Hellman, Williams, Miller, Albee and others. Authors will be announced each year.

Prerequisites: ENG 1010 and ENG 1020.

THR 3210 - Dramatic Literature 1

Credits: 3

Cross-listed with: ENG 3210

A study of significant plays and playwrights from

the Greeks to the Spanish Golden Age. Playwrights may include Sophocles, Shakespeare, Moliere, De Vega, Sudraka and Li.

Prerequisites: ENG 1010 and ENG 1020.

THR 3220 - Dramatic Literature II

Credits: 3

Cross-listed with: ENG 3220

A study of significant plays and playwrights from the Restoration to the 20th century. Playwrights may include Congreve, Sheridan, Beaumarchais, Goethe, Gogol, Ibsen, Strindberg and Chekov.

Prerequisites: ENG 1010 and ENG 1020.

THR 3380 - Acting

Credits: 3

A study of the art of acting with emphasis on voice, movement and characterization. A corollary study of the major styles of acting will be included.

THR 3420 - Directing

Credits: 3

A study of the art of directing, including practical training in play selection, research, casting, staging and collaboration with actors. Students will select and prepare a short play for public performance.

THR 4000 - Theatre for School

Credits: 3

Cross-listed with: ENG 4000

This course is designed for the K-12 classroom teacher, theatre director or group leader. Research and exercises will provide concepts and strategies for incorporating theatre and theatrical exercises into the classroom and co-curricular activities.

THR 4013 - Plays of Tennessee Williams

Credits: 3

Cross-listed with: ENG 4013

A study of the life and major works of Thomas Lanier (Tennessee) Williams. Among the plays to be discussed are *The Glass Menagerie*, *A Streetcar Named Desire*, *Summer and Smoke*, *The Rose Tattoo*, *Cat On A Hot Tin Roof*, *Orpheus Descending*,

Suddenly Last Summer, *Sweet Bird of Youth*, and *The Night of the Iguana*.

Prerequisites: ENG 1010 and ENG 1020.

THR 4017 - Plays of Arthur Miller

Credits: 3

Cross-listed with: ENG 4017

An in-depth study of the works of Arthur Miller.

Prerequisites: ENG 1010 and ENG 1020.

THR 4022 - Plays of Eugene O'Neill

Credits: 3

A study of the life and major works of Eugene O'Neill. Among plays to be discussed are *The Emperor Jones*, *The Hairy Ape*, *Desire under the Elms*, *Strange Interlude*, *Mourning Becomes Electra*, *Long Day's Journey Into Night*, and *Moon for the Misbegotten*.

Prerequisites: ENG 1010 and ENG 1020.

THR 4513 - Plays of Henrik Ibsen

Credits: 3

The study of plays by Henrik Ibsen.

Prerequisites: ENG 1010 and ENG 1020.

THR 4970/4980/4990 - Independent Study

Credits: (1, 2, 3)

Individual research, study and application under the direction of an adviser.

Prerequisites: Written permission of instructor

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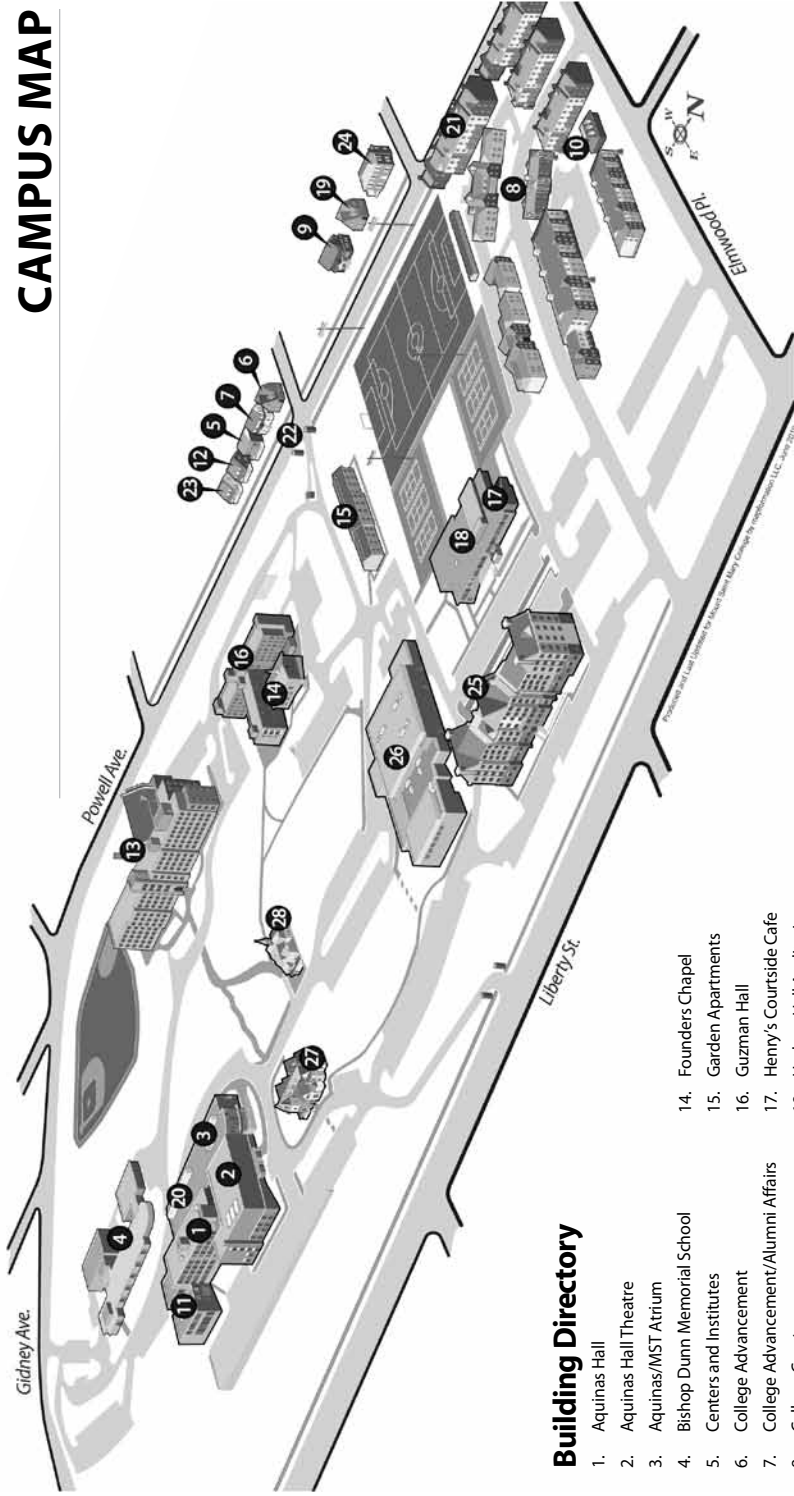
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