MARIST

Undergraduate Programs
2017–2018

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GENERAL INFORMATION

MARIST COLLEGE MISSION

Marist is dedicated to helping students develop the intellect, character, and skills required for enlightened, ethical, and productive lives in the global community of the 21st century.

VALUES STATEMENT

The College ful lls its mission by pursuing three ideals: excellence in education, a sense of community, and a commitment to service. These ideals were handed

(4) The right to le with the U.S. Department of Education a complaint concerning alleged failures by Marist College to comply with the requirements of FERPA. Complaints may be led with The Family Policy Compliance Of ce, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-5901.

(5) The right to obtain a copy of Marist College's education records policy. Copies of this policy are available upon request at the Of ce of the Registrar.

Additionally, Section 99.7 of FERPA requires that schools annually notify students currently in attendance of their rights under FERPA. Students currently in attendance will be provided a statement of their FERPA rights in their registration materials.

FERPA Disclosure Exception:

THE LOWELL THOMAS COMMUNICATIONS CENTER

The newly renovated Lowell Thomas Communications Center houses classrooms, TV studios, video editing labs, computer labs, faculty of ces, and collaborative work space for the School of Communication and the Arts. The building is home to the School of Professional Programs, the Center for Sports Communication, which promotes study and practice in sports communication, and the Media Center, which supports the use of audio and video instructional technologies to enrich the learning experiences of Marist students across all disciplines. The center is named in memory of the legendary broadcast pioneer, who received an honorary degree from Marist in 1981. Lowell Thomas lived in Pawling, NY, 20 miles from Marist's main campus, for more than 50 years. Lowell Thomas and his ideals are commemorated through the Marist College Lowell Thomas Award, instituted in 1983 and awarded to the top broadcast journalists in the country.

THE MARGARET M. AND CHARLES H. DYSON CENTER

The Margaret M. and Charles H. Dyson Center houses the School of Management and the School of Social and Behavioral Sciences. Used for undergraduate and graduate instruction in all academic disciplines, the center is named in honor of business leader Charles H. Dyson, who received an honorary degree from Marist in 1986, and his wife, Margaretder Charles Hsen-Uu Center >>d im9.7-Uu ho receih18lm MaNMC /Span <<//i]dem9860osts in the counSts communicatio

activities that connect alumni to Marist, to assist in admissions, job development, and career advisement, and to encourage and facilitate alumni support for Marist.

The Alumni Executive Board, comprised of representatives from all eras of Marist graduates, works closely with the Office of Alumni Relations in

ACADEMIC TECHNOLOGY AND eLEARNING

The Academic Technology Department promotes and supports the use of new instructional technologies in teaching, learning, and research across all disciplines. The Department offers faculty workshops on web-based applications, instructional software, and the College's Sakai-based Learning Management System called iLearn. Workshops also include pedagogically focused training such as strategies for effective online teaching. An interdisciplinary group of undergraduate and graduate students from computer science and digital arts are employed by Academic Technology, where they gain valuable work experience in instructional technology, training, and support. The Academic Technology Department is located on the third floor of the James A. Cannavino Library and is equipped with state-of-the-art-facilities including a collaborative teaching and learning technology lab.

THE WRITING CENTER

The Writing Center helps students and other members of the Marist Community express their ideas clearly and effectively, thereby becoming more self-sufficient and successful writers. The Center's tutors are faculty members and student interns who provide free, one-on-one tutoring for every academic writing situation, in all subjects, and in all aspects of the writing process: from understanding assignments to generating and developing ideas, from expanding or improving rough drafts to revising the focus and structure of completed papers.

The Writing Center also assists students with non-academic writing situations, including the preparation of resumes, personal statements, and job or graduate school application letters. Because sessions usually last upwards of an hour, the Center encourages students to make appointments, although drop-ins are always welcomed.

SPECIAL STUDIES AND PROGRAMS

the student? Students are advised to review the Marist International Programs website and attend MIP information sessions held early each term to begin the process of thinking through these and other questions of prom to begin the

for non-Marist students who wish to apply to MIP programs is available on the Office of International Programs website at http://www.marist.edu/international.

MARIST-LDM DEGREE PROGRAMS

In September 2006, Marist College proudly launched a Bachelor's Degree Program in partnership with the Scuola Lorenzo de' Medici (LdM) in Florence, Italy. Marist now operates a branch campus at our Florence location. This degree program has been designed to meet the academic needs of qualified students

students will enroll in either a 3- or 6-credit Italian language course as well as a complement of 3 to 4 electives.

OFFICE OF INTERNATIONAL PROGRAMS – NON-APPROVED PROGRAM POLICY

The Marist Of ce of International Programs maintains a portfolio of semester

OFFICE OF SPECIAL SERVICES/SERVICES FOR STUDENTS WITH DISABILITIES

The Office of Special Services provides a comprehensive range of support services and accommodations that promote the full integration of students with disabilities into the mainstream College environment. To receive services and accommodations, students must identify themselves to the Office and present official documentation of their disability.

Accommodations are individualized to meet the needs of each student and may vary depending upon the disability and/or course content. Accommodations that may be provided, as required by a student's specific disability include, but are not limited to:

- Textbooks in alternate format / E-Text
- Note-takers / Tape Recorder
- Testing accommodations
  - Extended time
  - Quiet location
  - Computer for typing essay questions
  - Calculator
  - Readers
  - Scribes
- Use of adaptive technology
  - Live Scribe Pen
  - Text Help Read & Write Gold
  - Dragon Naturally Speaking

Other services provided by the Office include:

- Assistance with course selection/registration
- Advocacy and liaison with faculty/staff
- Personal, career, and academic counseling
- Peer tutoring
- Referral to campus/community services

The Office supports the concept of self-advocacy for all students and does not provide faculty with prior notification of a student's enrollment. Requests for accommodations are made directly by the student. It is also the student's responsibility to request accommodations in a reasonable and timely fashion and to familiarize themselves with the Office's procedures.

Questions regarding the eligibility of any student and/or the availability of support services should be directed to the Office of Special Services, located in Donnelly Hall Room #226. The office is open Monday – Friday from 8:00 am until 5:00 pm. For more information please call the office at (845) 575-3274 or visit our website at www.marist.edu/specialservices

TEACHER EDUCATION

ADOLESCENCE EDUCATION

Through the College's Office of Teacher Education, the Adolescence Education program prepares students for careers as secondary school teachers (Grades 7-12) in English, mathematics, biology, chemistry, social studies, Spanish, and French. The program seeks to provide for these prospective teachers:

(1) A well-rounded professional and academic preparation which permits them to develop competencies for the initial stage of their teaching career.
(2) An intensive training in a major field as well as in professional education courses which they will continue to build upon after their graduation from Marist.
(3) The fulfillment of the requirements for provisional New York State teaching certification in a secondary school subject. All undergraduates interested in teaching certification should consult the Director of Adolescence Education during their freshman year.

Refer to the Education section of this catalog for further program details.

CHILDHOOD EDUCATION/STUDENTS WITH DISABILITIES (GRADES 1-6)

Marist College offers an accredited program of study that prepares students for New York State initial certification in both childhood education (Grades 1-6) and students with disabilities (Grades 1-6). Early advisement is essential. Interested students should seek information from the Associate Dean of Teacher Education before the end of their first semester. Further information about this program can be found in the Education section.

STUDENT ACADEMIC AFFAIRS

Student Academic Affairs is concerned with ensuring that all Marist students have easy access to accurate and timely academic information so that students can make informed decisions and choices. Student Academic Affairs is comprised of five units that work collaboratively and synergistically to best meet the academic support needs of Marist students. These units include the Office of the Registrar, the Center for Advising and Academic Services, the Academic Learning Center, the Center for Multicultural Affairs, and the Center for Student-Athlete Enhancement.

OFFICE OF THE REGISTRAR

As the official recorder and keeper of student records, the mission of the Registrar's Office is to provide timely and accurate information to students and faculty regarding these records.

Registration information, transcript requests, transfer credit evaluations, enrollment verifications, New York State TAP award information, and Veteran's Benefits are all handled by the Office of the Registrar. Downloadable forms and information can be found at http://www.marist.edu/registrar. The Office of the Registrar is located in Donnelly Hall, Room 203.

THE CENTER FOR ADVISING AND ACADEMIC SERVICES

Under the umbrella of Student Academic Affairs, the Center for Advising and

For further information contact the Academic Learning Center at (845) 575-3300 or visit our website at www.marist.edu/academics/alc/.

THE CENTER FOR STUDENT-ATHLETE ENHANCEMENT

The Center for Student-Athlete Enhancement provides academic advising, tutoring, life-skills development, and study facilities to the student-athlete population at Marist College. In addition, the office monitors the academic progress and NCAA eligibility of each student-athlete. The Center for Student-Athlete Enhancement is committed to providing student-athletes with academic support services that will not only assist them during their time at Marist, but also allow them to develop the skills necessary to be successful after their playing careers are complete. For more information, visit our website at http://www.marist.edu/athletics/studentathlete/services.html.

THE CENTER FOR MULTICULTURAL AFFAIRS

The mission of the Center for Multicultural Affairs is to engage the Marist community in events and activities that highlight diversity and multiculturalism, creating a climate of access, equity, and inclusion that celebrates the rich contributions of all cultures, and to empower students to achieve academic success by preparing them to become engaged global citizens. The Center houses the Arthur O. Eve HEOP program as well as International Student Programs. All Marist students are welcome to participate in campus-wide activities sponsored by the Center for Multicultural Affairs/HEOP and to use the Center as a source of al/T /T1_2 1 Tf 0 Tw 8 0 0 8 255.524 640.6768901hlete/services.html.

Upward Bound provides participants with a core curriculum of instruction that includes: Mathematics through Calculus II, Laboratory Science, Foreign Language, Computer Science, Career Exploration, Composition, and Literature. In addition, the program provides services for participants such as personal counseling, academic advisement, tutorial support, and social and cultural events. Many Marist faculty, staff, and students serve as volunteers and salaried employees during both the academic year and summer programs.

LIBERTY PARTNERSHIPS PROGRAM

Marist has sponsored the Liberty Partnerships Program since 1990. LPP is funded through the New York State Education Department to provide services that motivate at-risk students to graduate and enter postsecondary education as competent and compassionate adults. The program serves over 200 students per year in grades 7-12 at ve schools in Poughkeepsie and Kingston. Services include academic support, counseling, college tours, career exploration, and cultural enrichment. Marist students serve as tutors, mentors, interns, or volunteers with the program. Partner organizations include the school districts, community-based organizations, and corporations.

House. Students and other members of the Marist Community are welcome there at any time.

MARIST WELLNESS CENTER (HEALTH AND COUNSELING SERVICES)

HEALTH SERVICES

Overview

Marist Health Services (MHS) is located in Room 352 of the Student Center. Services are available to all full-time undergraduate Marist College students.

LEADERSHIP DEVELOPMENT

One of the biggest programs on campus, the Emerging Leaders Program (ELP) provides opportunities for traditional undergraduate students to gain the skills necessary to become in uential leaders and develop into well-balanced citizens of the Marist and world community. Students can earn an annual non-credit certi cate of completion by participating in a variety of programs and workshops designed to help them de ne, discover, and develop their leadership style. Marist also has an active chapter of the National Society of Leadership and Success on

ADMISSION TO THE COLLEGE

ADMISSION TO THE FRESHMAN CLASS

Marist College is committed to enrolling a diverse group of young men and women whose backgrounds and talents will enhance each other's educational experience. Moreover, the College seeks students who are eager to participate in the campus community and who wish to make a positive contribution to the student body. A student interested in applying to Marist College should rank in the top half of their graduating class and hold a recalculated average between 3.2-3.7 or better. The quality and dif culty level of each class is taken into account as well. Leadership qualities and high school activities are also important. Candidates should meet the following minimum requirements. Test scores, although considered, are not the primary factor in the selection process. The secondary school record and the quality of courses completed are our principal concern.

All those applying to Marist must have graduated from an accredited high school or possess the appropriate high school equivalency and have completed 17 units, of which 15 must be in academic subjects. The following is the distribution of units:

English	4 units
History/Social Studies	3 units
Science	3 units
Mathematics	3 units
Language	2 units
Elective	2 units

These high school units should be viewed as guidelines for admission to the College.

Accompanying the of cial Admission application form, obtainable from the Of ce of Undergraduate Admission, must be the following:

(1) Of cial transcript of high school record including senior grades.
(2) Results of SAT or ACT Test Scores, unless the student applies test optional.
(3) Recommendation of the high school counselor or college advisor.
(4) Second letter of recommendation.
(5) Essay
(6) A nonrefundable $50.00 application fee.

All students interested in Marist are encouraged to visit the campus. Reservations for our information sessions and other visit opportunities can be made online at www.marist.edu/visit or by calling (800) 436-5483.

INTERNATIONAL STUDENTS

In addition to meeting the academic standards for admission, international students applying for undergraduate admission to Marist College should supply the Of ce of Undergraduate Admission with the following:

(1) Of cial translated transcripts of secondary school records.
(2) An of cial translated transcript from any college or university attended.
(3) Score reports of any national examinations administered by the applicant's home country. Advanced credit for international diplomas is possible if all other academic prerequisites have been met.
(4) Of cial results of the SAT or the ACT, if available.
(5) Of cial results of the Test of English as a Foreign Language (TOEFL), or the International English Testing System (IELTS) for non-native English-speaking students.

NOTE: International students should take into account that tuition and fees (see page 291) are based on one year of study. Additional costs will also be incurred due to cost of living increases and travel expenses.

Non-US citizens are required to have an F-1 student visa to attend Marist College. Accepted students receive a letter of admission and an enrollment form. Once a student submits an enrollment deposit, they are required to submit the following information to obtain their I-20:

(1) Declaration of Finances and Sponsorship
(2) Current bank statement or bank letter
(3) Copy of Passport ID page
(4) Proof of English pro ciency (TOEFL or IELTS)
(5) Transfer recommendation Form (only for students currently holding an F-1 Visa)

The I-20 form, issued by Marist College, enables international students to apply for an F-1 Student Visa at a U.S. Embassy or Consulate.

International students and U.S. citizens living abroad should plan to arrive approximately one week before classes begin in order to participate in the required Marist International Student Orientation Program. This program is designed to introduce students to the academic policies and procedures at Marist College and to familiarize them with the campus, the surrounding community, and with the United States. As part of the extended orientation program, international students will also participate in a U.S. culture and language seminar during the early part of their rst semester at Marist College.

EARLY DECISION

Candidates applying for Early Decision are restricted to Marist as their single choice college. Students who are admitted to Marist under the Early Decision program are required to withdraw all applications to other colleges. The application deadline for Early Decision is November 1, and noti cation will be made by the end of December. Accepted Early Decision candidates will be asked to make a deposit by February 15.

Early Decision applicants seeking nancial aid must submit the CSS Pro le and the FAFSA. Applicants for Early Decision to Marist College must submit the CSS Pro le by mid-December for nancial aid consideration.

EARLY ACTION

Candidates applying for Early Action are not restricted to Marist as their single choice college. The application deadline for Early Action is November 15, and noti cation will be made by the end of January. Accepted Early Action candidates will be asked to make a deposit by May 1.

REGULAR DECISION

The application deadline for Regular Decision is February 1, and noti cation will be made by the end of March. Accepted Regular Decision candidates will be asked to make a deposit by May 1.

MATRICULATION POLICY

To be matriculated means that a student has of cially been recognized and accepted as a degree or certi cate candidate at Marist. A student must be matriculated in order to be eligible for various types of nancial aid.

Occasionally, a student wishing to study for a degree at Marist College, but who has not yet met ordinary admission requirements, is permitted to take courses as a non-matriculated student. Upon completion of 12 credit hours with a 2.5 cumulative G.P.A., the student may request to matriculate. Under special circumstances, the Dean of the School of Professional Programs can approve non-matriculated coursework beyond the initial 12 credit hours. Students interested in matriculating into a program should contact the Of ce of Undergraduate Admission at (845) 575-3226.

The College is also prepared to admit a limited number of quali ed applicants who wish to take selected courses for credit but who do not wish to study for a degree at Marist College. Such applicants are subject to the usual admission requirements.

Visiting Students from other Colleges:
A student in regular attendance at another college may register for courses at Marist to make up de ciencies or accelerate his or her program. Such a student should have permission from his or her Dean and should ascertain that the home college will accept the transfer credits. Students should contact the Of ce of Undergraduate Admission for more information.

TRANSFER STUDENTS AND TRANSFER OF CREDIT POLICY

Marist College welcomes and encourages applications from transfer students. Each year, approximately 250 students from two-year and four-year colleges throughout the United States choose to transfer to Marist. Transfer admission operates on a rolling basis, beginning in March for the fall semester, and in October for the spring semester. Students interested in housing or nancial aid are urged to submit applications as early as possible to ensure full consideration for these resources.

Transfers from two-year colleges must complete at least 50 credit hours at Marist. Transfers from four-year colleges must complete a minimum of 30 credit hours at Marist. Up to 70 credits may be accepted from a community college or accredited two-year institution, although ful lling requirements toward a student's degree is dependent on meeting all speci c program requirements for that degree. All transfer students must complete a minimum of 12 hours of upper-level credits in the major eld. A maximum of 6 transfer credits can be accepted toward a minor, stand-alone concentration, or certi cate. (In cases of math or science minors, transfer credit of up to 8 credits may be applied if the courses transferred in are approved 4-credit courses.) Other students will have their courses evaluated as stipulated below:

(1) The course(s) must be similar in scope and content to courses offered at Marist.

(2) Only courses in which a C or better has been obtained may be transferred to meet major, related eld, and Core requirements. Credit for C- grades may be awarded on the elective credit category only.

(3) Transfer courses applicable to a student's academic program will be accepted from accredited colleges and universities that meet Marist College's transferability standards. (Check with the Of ce of the Registrar for a complete list of acceptable accrediting agencies.)

(4) Students who have taken College Writing I and II at another institution (or in high school as part of an articulation agreement) are exempt from ENG 120 Writing for College. Students who have only taken the equivalent of College Writing I still need to take ENG 120 Writing for College.

(5) Transfer students who bring in 24 or more earned credits from their previous institution are exempt from the First Year Seminar. Transfer students with fewer than 24 credits who have taken a similar FYS course at another institution may be able to substitute that course for the Marist FYS.

(6) Transfer students who bring in 36 or more earned credits from their previous institution are exempt from the Pathway requirement. They must earn a total of 36 distribution credits in the following areas: Fine Arts; History; Literature; Mathematics; Natural Science; Philosophy; Social Science; and Ethics and Justice (course in Ethics and Religious Studies). Students must take at least one three-credit course in each of these 8 subject areas. Foreign language courses are not required but may also count toward the 36-credit total. Transfer students with fewer than 36 credits may count courses taken at their previous institution toward the Pathway, provided they are applicable to the Pathway's topic.

All students will receive an of cial transcript evaluation for the program to which they apply. The evaluation will specify how many credits are transferable toward the baccalaureate degree at Marist, how many credits may be accepted but not applied toward the baccalaureate degree, and the remaining courses necessary to ful ll Marist degree requirements. The awarding of a baccalaureate degree is dependent on meeting the speci c requirements for that degree. Consequently, it may be possible, under exceptional circumstances, for a student to have completed 120 or more credits and not be eligible to be awarded a degree. Grades for courses taken at other institutions are not included in the computation of the student's grade-point average at Marist.

The evaluation will be mailed to each candidate after all records are received. Any questions pertaining to the evaluation should be directed to the appropriate admitting of ce. Students are advised not to register for any course to which transfer credit may be applied. In addition, students should be sure that the necessary prerequisites for the course have been met. After the rst date of attendance, the student must use the degree audit to track degree completion requirements. Degree Audits can be found on the Marist website: http://www.marist.edu.

Applications for transfer admission and further information are available through the Of ce of Undergraduate Admission. Students who are 22 or older should contact the Of ce of Adult Undergraduate Admission.

PROFICIENCY EXAMINATIONS

The College grants credit to students, at the time of matriculation, for Advanced Placement (AP), College Pro ciency Examinations (CPE), NYS Regents College Exams, ACT-PEP, and the College Level Examination Program (CLEP) on an individual basis for examinations completed prior to matriculation. The acceptable score and credit assignment shall be determined by the department concerned with the subject area in which credit is sought. Please see the Marist website: www.marist.edu/admission/transfer/credits.html for more speci c information.

Permission for matriculated students to use examination credits to meet degree requirements must be requested from the appropriate School Dean and will be granted only under extraordinary circumstances.

CREDIT FOR DEMONSTRABLE KNOWLEDGE GAINED FROM LIFE/WORK EXPERIENCES

A matriculated undergraduate student may apply for a limited number of credits for knowledge acquired from adult life/work experiences which occurred prior to matriculation. The student must be able to demonstrate and verify learning and/or skills comparable to the outcomes of courses at postsecondary levels of instruction. Additional information should be obtained from the School of Professional Programs and can be found on the Marist website under Prior Learning Assessment.

CREDIT FOR COURSEWORK AT OTHER INSTITUTIONS

Successfully completed studies at another institution prior to senior year will be accepted as partial ful llment of the requirements for graduation if: (1) the student, while in residence at Marist College, quali ed for and was accepted into an established program such as the Marist Abroad Program or the Visiting Student Program or (2) the student, while an undergraduate at Marist, offered suf cient reason to the Dean of School to gain prior approval for summer or intersession courses at another institution or (3) the student began his undergraduate education at another college or university and transferred to Marist College (see the section on Transfer Students).

Students who have 70 or more credits on record at Marist will be permitted to do work only at other four-year accredited institutions. The nal 30 credits for all students, which are equivalent to the senior year, may not be taken at another institution. No full-time, matriculated student at Marist is permitted to do coursework concurrently at another institution.

Only those courses with a C grade or better may be transferred. Courses with C- grades will only be awarded credit for elective courses.

PURSUING A SECOND DEGREE

Marist College may confer a second baccalaureate degree only as a means of recognizing that a candidate has competencies in two essentially different areas (e.g., B.A. in English/B.S. in Biology). A candidate for a second baccalaureate degree must complete at least 30 unique credit hours within the major and/or related eld requirements beyond the requirements of his or her rst baccalaureate degree. Candidates for a second baccalaureate degree should contact the School Dean of the new major and the Of ce of the Registrar for approval. Once cleared, a potential candidate may apply through Adult Admissions as a transfer student. Final transcripts from the institution awarding the rst baccalaureate degree must be submitted at the time of application. Students admitted to pursue a second bachelor's degree may not change their majors without approval from the Registrar.

CITIZENSHIP REQUIREMENTS

All students must be United States citizens, permanent residents, international students possessing a student visa, and those non-immigrants who can attend school incidental to the primary purpose of their visa.

conferral. Students who choose this option will not be eligible for additional federal or state nancial aid to complete additional majors, minors or certi cates. (Paralegal Certi cates are the exception).

MINORS

Students may declare a minor in those academic disciplines for which requirements are described in the Programs of Study section of this catalog. Transfer students may only have a maximum of 6 transfer credits applied toward the completion of a minor, stand-alone concentration, or certi cate. (In cases of math or science minors, transfer of up to 8 credits may be applied if the courses transferred in are approved 4-credit courses.) Forms to declare a minor are available in the Of ce of the Registrar. Minors must be completed by the time

at the earliest. However, most students will want to take more than one semester to consider whether to seek permission to continue their studies at Marist.

To be considered for one-time reinstatement, the dismissed student must submit the following items to the Center for Advising and Academic Services:

1. A clearly written statement addressed to the Academic Standards Committee, offering direct, veri able evidence of seriousness of purpose in returning to academic studies at Marist College. This letter should outline a plan for academic success, including resources you intend to use, and ways you intend to improve/change in order to be successful.
2. A letter of recommendation from a faculty member at the other institution you attended. The letter should be written on of cial institutional letterhead, sealed, and signed by the faculty member across the seal. You may also include, if applicable, medical documentation indicating that circumstances have changed.
3. _____

COURSE CODES

In the pages that follow, each course is designated by a letter code, a number, and a course title. Code letters denote subject areas and are given below. The number indicates a speci c course and a speci c course content, i.e., 100 level courses are elementary, 200–300 level courses are intermediate, and 400 level courses are advanced.

This publication gives the current course title associated with each course. In addition, the following subject areas are used to identify that particular eld when registering.

Please note that courses denoted by an asterisk * are offered only at Marist Italy locations.

ACCT	Accounting
ANTH	Anthropology
ARAB Accounting	Arabic
ARCH	Architecture*

Religion	BA	1510
Social Work	BS	2104
Spanish	BA	1105
Spanish 7-12	BA	1105.01
Studio Art	BS	1002
Graduate Programs:		
Business Administration	MBA	0506
Communication	MA	0601
Computer Science Info. Systems	MS	0702
Computer Science Software Dev.	MS	0701
Education	M.Ed.	0803
Educational Psychology	MA	0822
Integrated Marketing	MA	0699
Mental Health Counseling	MA	2104
Physician Assistant Studies	MS	1299.10
Public Administration	MPA	2102
School Psychology	MA	0826.02
Technology Management	MS	0599
Undergraduate Certi cates:		
Data Center Technologies	CERT	5101
Paralegal	CERT	5099
Advanced Certi cates:		
Business Analytics	ADV CERT	0702
Information Systems	ADV CERT	0702

SCHOOL OF COMMUNICATION AND THE ARTS

CAROLYN RINGER LEPRE , Ph.D,Dean

PROGRAMS OF STUDY

The School of Communication and the Arts is comprised of ve academic units: the Department of Art and Art History, the Department of Communication, the Department of Media Arts, the Fashion Program, and the Music Program. The School offers the Bachelor of Arts Degree with majors in Studio Art, Art History, Communication, and Media Studies and Production; the Bachelor of Science Degree with majors in Games and Emerging Media, Digital Media and Studio Art, an Fashion Merchandising; and Bachelor of Fine Arts Degree in Fashion Design. Minors offered by the School are Art History, Communication, Cinema Studies, Digita Video Production, Fashion Merchandising, Interactive Media, Photography, Music, and Studio Art.

MISSION:

The School of Communication and the Arts prepares students to live and work successfully in the global communication and arts environment. Students in the Schoo ve academic programs are immersed in an integrated approach to the study and practice of communication and the arts through the exploration of theories and mod associated with their eld of study, and by the application of what they have learned in hands-on, real-world practice experiences. School of Communication and th Arts students also take advantage of extensive study abroad and internship opportunities.

The School of Communication and the Arts faculty represent diverse academic and artistic backgrounds and interests, and this diversity is re ected in their teachin research, and creative activities. The School is dedicated to serving students, the professions of communication and the arts, and the New York State Hudson Ri Valley community of which it is an integral part.

GOALS:

- To help students communicate effectively and ethically using the convergent languages and tools of the communication and arts disciplines. , and by the applic

Program in Music
Offers minor in:
Music. . . . . 173.

SCHOOL OF LIBERAL ARTS

MARTIN SHAFFER

DEPARTMENTS AND PROGRAMS

PAGE

Department of Accounting and Economics/Finance
Offers majors in:
Accounting 46
Economics 101
Offers minors in:
Accounting 47
Economics 102

Department of Management/Organizational Environments
Offers major in:
Business Administration 71
Offers minor in:
Business 74

SCHOOL OF SCIENCE

JAMES W. DUMOND, Jr. Ph.D.,Dean
NEIL FITZGERALD , Ph.D.,Assistant Dean

PROGRAMS OF STUDY
The School of Science includes the following Departments: The Department of Athletic Training, The Department of Biology, The Department of Chemistry, Biochemistry & Physics, The Department of Environmental Science & Policy, The Department of Medical Laboratory Sciences, and The Department of Physician Assistant Studies.

The School offers the Bachelor of Science Degree with majors in Athletic Training, Biology, Biology Education, Biomedical Sciences, Chemistry, Chemistry with Biochemistry option, Environmental Science (Policy, Assessment and Science tracks), and Medical Technology. The Bachelor of Arts Degree with majors in Biochemistry and Chemistry is also offered. In addition, the School of Science now offers a Master of Science Degree in Physician Assistant Studies: information on this program can be found in the Marist College Graduate Catalog.

MISSION:
The mission of the School of Science is to encourage intellectual development in the natural, physical, and health sciences and to instill an inquisitive nature, lifelong quest for knowledge and responsibility to be ethical and productive member of our global community.

VALUES STATEMENT:
The School of Science seeks to provide the ability to wed science-based principles to practice through the application of content knowledge, scienti c literacy and research. The School also aims to provide students with the knowledge and skills required for placement in graduate school or professional positions.

In addition, we recognize and cherish our role In the general education of Marist undergraduate students through our responsibilities within the Core Liberal Studies program. It is our expectation that all students will be able to think critical, listen thoughtfully, and make informed decision is matters that have a scienti c dimension.

DEPARTMENTS AND PROGRAMS

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Department of Biology
Offers majors in:
Biology 64
Biology Education 67
Biomedical Sciences 69
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Department of Chemistry, Biochemistry and Physics
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Department of Medical Laboratory Sciences
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Additional minors and certi cates
Certi cates:
Physical Education – Coaching Certi cate 178

SCHOOL OFCEdunPhysicine586.332edical MARGARET R. Pharmacy | medicine | Medical , M

Department of Sociology and Social Work
Offers major in:
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SCHOOL OF PROFESSIONAL PROGRAMS

DANIEL A. SZPIRO , Ph.D.,Dean
KRISTINE CULLEN , M.A., Assistant Dean

PROGRAMS OF STUDY
The School of Professional Programs administers Adult Bachelor's Degree Completion Programs, non-credit and for-credit certi cates, and the Bachelor of Art and th
Bachelor of Science degrees for the Professional Studies Major.

MISSION:
The School of Professional Programs is a comprehensive unit of Marist, offering courses, degree and certi cate programs, non-credit and for-credit professiona
programs, on-site training, and related services for adults, career professionals, and businesses. Its mission is to be a leader in providing innovative, quality-driv
education built on a strong liberal arts foundation that will embolden and enhance the ability of professionals to succeed in a global economy.

The School of Professional Programs is responsible for the following academi(Of69.200a (wing 19.7 (t and the)]TJ ET EMC /Span <</)dBT 0 Tw 8 0 0 8 36 521

3.2 DISTRIBUTION

NOTE: Not every course with an “LA” (Liberal Arts) designation is a Core/LS course. Only courses identi ed as “Core/LS” in the Course Schedule (published each semester) qualify. Courses may ful ll Core/LS requirements as well as requirements in a student's major or minor areas.

Breadth	
Philosophy	3 cr
(PHIL 101 Philosophical Perspectives)	
Ethics, Applied Ethics, or Religious Studies	3 cr
Fine Arts	3 cr
History	3 cr
Literature	3 cr
Mathematics	3 cr
(see Mathematics placement recommendation)	
Natural Science	3 cr
Social Science	3 cr
Pathway*	12 cr
Courses addressing an interdisciplinary topic.	
Students select one of the following Pathway topics:	

The Integrative Capping Course (3 credits)

The professional practice of accounting requires accountants

- to critically interpret and apply accounting principles and standards to complex transactions which often involve innovative contracts and contingent claims,
- to evaluate the value of information for managerial decision making, and
- to take responsibility for their own continuing education and development in the eld as new accounting and auditing standards and tax laws are adopted.

The required, integrative capping course:

ACCT 477 Current Issues in Accounting 3 cr

develops this capability and completes the process of qualifying the Accounting major for the Bachelor's Degree in Accounting.

The Technical and Analytical Foundation (15 credits)

The following required (or recommended) courses provide the technical and analytical foundation required for the study of Accounting:

ECON 103 Principles of Microeconomics	3 cr
ECON 104 Principles of Macroeconomics	3 cr
MATH 115 Calculus with Management Applications OR	
MATH 241 Calculus I	3-4 cr
MATH 130 Introductory Statistics I	3 cr
CMPT 300 Management Information Systems	3 cr

SUMMARY OF REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ACCOUNTING

Note: A minimum of 60 credits in Liberal Arts is required.

1.0	Course Requirements in Accounting		
	Accounting Core	30 cr	
	Integrative Capping Course	3 cr	
Credit Requirement in Accounting			33 cr
2.0	Course Requirements in Capping Fields		

SENIOR YEAR

FALL		SPRING	
ACCT 402 Auditing	3 cr	ACCT 477 Current Issues In Accounting	3 cr
ACCT 403 Tax I	3 cr	Acct or Business Elective	3 cr
Core/LS Distribution	3 cr	Acct or Business Elective	3 cr
Core/LS Distribution	3 cr	Core/LS Distribution	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

3 cr

Philosophy and Religious Studies
REST 209 World Religions

Course Developed for the Program
HIST 294 Introduction to African Diaspora Studies

Other Recommendations
Approved "international experience": Students are encouraged to spend a semester abroad in an African Diaspora community in Mexico, Central America, Caribbean, South America, or in a region of Africa or Europe.

AMERICAN STUDIES

SARA DWYER-McNULTY , Ph.D.,Coordinator

An interdepartmental program involving history, politics, law, literature, philosophy, religion, art, and music, American Studies allows students to transcend narr disciplinary boundaries in exploring the broad interplay of ideas and events which have shaped the American past.

This requires a careful selection among designated courses within the American arena, while also developing a concentration (12 credits) focusing upon a diff culture such as that of Latin America, England, or Russia. A 3-credit senior capping experience then uni es these perspectives upon the American Experience.

REQUIREMENTS FOR A BACHELOR OF ARTS IN AMERICAN STUDIES

Note: A minimum of 90 credits in Liberal Arts is required.

1.0	Course requirements for a major in American Studies		
	ART 280 American Art OR		
	MUS 343 Music in America	3 cr	
	ENG 210 American Literature I	3 cr	
	ENG 211 American Literature II	3 cr	
	One additional American Literature course	3 cr	
	An ENG course other than American Literature	3 cr	
	HIST 101 Themes in Modern History	3 cr	
	HIST 226 American History I	3 cr	
	HIST 227 American History II	3 cr	
	One additional American History course	3 cr	
	One HIST course other than American History	3 cr	
	PHIL 240 American Pragmatism	3 cr	
	PHIL 342 American Social Thought	3 cr	
	Two courses selected from the following:	6 cr	
	POSC 110 American National Government		
	POSC 210 US Constitutional Law: National Powers		
	POSC 211 American State & Local Politics		
	POSC 212 Political Parties and Pressure Groups		
	POSC 312 History of American Presidency		
	One course selected from the following:	3 cr	
	POSC 205 Peace and World Order Studies		
	POSC 321 Contemporary Political Theory		
	POSC 251 Comparative Political Systems: Great Britain and Western Europe		
	POSC 252 Comparative Political Systems: CIS and Eastern Europe		
	POSC 113 International Relations		
	POSC 350 Latin American Politics		
	POSC 236 Politics of Developing Areas		
	POSC 355 Comparative Political Systems: Middle East		
	POSC 290 International Law and Organization		
	CMPT 103 Technology for the 21st Century	3 cr	
	REST 201 Religion in America	3 cr	
	POSC 477 Capping: Law & Morality OR		
	HIST 477 Capping Course	3 cr	
Total Credit Requirement for a Major in American Studies			54 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	FYS 101 First Year Seminar	4 cr	
	ENG 120 Writing for College	3 cr	
			7 cr
3.2	DISTRIBUTION		
	Breadth		

	PHIL 101 Philosophical Perspectives	3 cr	
	Ethics, Applied Ethics, or Religious Studies	0 cr	(ful lled by major eld req.)
	Fine Arts	0 cr	(ful lled by major eld req.)
	History	0 cr	(ful lled by major eld req.)
	Literature	0 cr	(ful lled by major eld req.)
	Mathematics	3 cr	
	Natural Science	3 cr	
	Social Science	0 cr	(ful lled by major eld req.)
			9 cr
	Pathway*		12 cr
	Courses addressing an interdisciplinary topic.		
Total Core/Liberal Studies Requirement			28 cr
4.0	Electives		38 cr
Total Credit Requirement for Graduation			120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

REQUIREMENTS FOR A MINOR IN AMERICAN STUDIES

1.0	ENG 210 American Literature I	3 cr
	ENG 211 American Literature II	3 cr
	HIST 226 American History I	3 cr
	HIST 227 American History II	3 cr
1.1	One from the following:	3 cr
	ART 280 American Art	
	MUS 343 Music in America OR	
	An English course from:	
	ENG 328 Modern English and American Poetry	
	ENG 340 American Drama I	
	ENG 341 American Drama II	
	ENG 443 Seminar in American Literature	
1.2	One from the following:	3 cr
	PHIL 340 Marx and Marxism	
	PHIL 342 American Social Thought	
	POSC 105 Origins of American Legal System	
	POSC 110 American National Government	
	POSC 300 Constitutional Law: Civil Rights & Liberties	
	POSC 210 US Constitutional Law: National Powers	
	POSC 211 American State & Local Politics	

MATH 412 Computational Linear Algebra
MATH 421 Mathematical Analysis II
MATH 423 Applied Mathematics II
MATH 424 Complex Analysis
MATH 430 Operations Research
MATH 440 Numerical Analysis
MATH 441 Combinatorics
MATH 451 Elementary Topology

Related Fields

DATA 220 Intro to Data Analysis OR	4 cr
CMPT 120 Introduction to Programming	

Interdisciplinary Tracks

Chemistry Track (19 cr)	
Lab Science I – Physics Option (see description above)	4 cr
Lab Science II – Physics Option (see description above)	4 cr
CHEM 111 General Chemistry I with CHEM 115 Gen. Chemistry Lab I	4 cr
CHEM 112 General Chemistry II with CHEM 116 Gen. Chemistry Lab II	4 cr
Select One:	
CHEM 361 Thermodynamics & Kinetics	3 cr
CHEM 362 Quantum and Statistical Mechanics	3 cr
Biology Track (19-20 cr)	
BIOL 130 General Biology I	4 cr
BIOL 131 General Biology II	4 cr
CHEM 111 General Chemistry I with CHEM 115 Gen. Chemistry Lab I	4 cr
CHEM 112 General Chemistry II with CHEM 116 Gen. Chemistry Lab II	4 cr
Select One:	
Any 300- or 400-level BIOL course	3-4 cr
Computer Science Track (19-20 cr)	
Lab Science I (see description above)	4 cr
Lab Science II (see description above)	4 cr
CMPT 220 Software Development I	4 cr
CMPT 435 Algorithm Analysis & Design	4 cr
Select One:	
CMPT 404 Arti cial Intelligence	3 cr
CMPT 446 Computer Graphics	4 cr
Actuarial Track (20 cr)	
Lab Science I (see description above)	4 cr
Lab Science II (see description above)	4 cr
ECON 103 Principles of Microeconomics	3 cr
ECON 104 Principles of Macroeconomics	3 cr
ACCT 203 Financial Accounting	3 cr
BUS 320 Financial Management	3 cr
MATH 331 Applied Statistics	0 cr **

*While several of the 300-400 level mathematics courses are offered each semester, many of these courses are offered only annually or biennially. Please visit Department of Mathematics page at the Marist College web site for the current schedule of course offerings.
**May be ful lled by Applied Mathematics upper-level elective course.

SUMMARY OF REQUIREMENTS FOR A BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Note: A minimum of 60 credits in Liberal Arts is required.

1.0	Course Requirements in Mathematics	33 cr	
1.1	Additional Upper-Level Mathematics courses	9 cr	
1.2	Interdisciplinary Tracks	19-20 cr	
2.0	Course Requirements in Related Fields	4 cr	
Total Credit Requirement for a Major in Applied Mathematics			65-66 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	FYS 101 First Year Seminar	4 cr	
	ENG 120 Writing for College	3 cr	
		7 cr	

3.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives 3 cr

ART AND DIGITAL MEDIA

MATTHEW FRIEBURGHAUS , M.F.A., Chairperson

MISSION:
The Department of Art and Digital Media believes a sound foundation and an exploration of the elds of digital media, studio art, and art history should be combined with a strong liberal arts education to expand the intellectual horizons of our students. The department seeks ways to broaden their intellectual development through investigation of state-of-the-art technologies in addition to traditional forms of study and techniques. The department believes an education in the visual arts should g beyond the classroom, lab, and studio. Opportunities are provided to exhibit artwork, visit galleries and museums, obtain internships, and study abroad.

The Department's mission is to prepare students for careers and graduate study in the ne and applied arts.

The B.S. in Digital Media is designed to allow students the opportunity to explore, in depth, the new exciting eld of Digital Media under the guidance of recognized working artists, designers, and educators. It combines courses in digital media with a balanced curriculum of studio art, art history, and liberal arts courses. Studen will gain broad-based training in a wide range of new media, along with an understanding of their concepts, historical background, and heritage in the traditional medi

The B.S. in Studio Art offers a balance of courses between the traditional art media areas required by the major and the liberal arts courses required by the Maris College common Core. This program will provide a concentrated and carefully structured series of courses organized to enable students to broaden their understand aesthetic awareness, and technical abilities in the studio arts. It will also stress the concepts and historical background that have determined the way in which traditio art media have evolved. In addition, this comprehensive program will encourage an awareness of art in relationship to other areas, provide art students with t opportunity to participate in internships, take related courses in other disciplines, and offer students an opportunity to develop their portfolios in preparation for gradua studies. The Studio Faculty is composed of full-time and visiting art professionals who are committed to creating a nurturing but challenging environment in which students can explore, experiment, and develop their own personal visions.

The B.A. in Fine Arts with a concentration in Studio Art is designed to combine a broad-based training in the visual arts with a traditional liberal arts education. After gaining a solid foundation in design, drawing, and art history, each student specializes in one of ve tracks: drawing, graphic design, painting, photography, o digital media. Students also select additional studio courses to expand their knowledge of the visual arts. This curriculum is ideally suited for students who want t combine their studio major with a second one or plan a more rigorous study of the liberal arts.

The B.A. in Fine Arts with a concentration in Art History is designed to provide both a survey of western art and an in-depth study of selected periods. In addition to the required coursework, students concentrating in art history must pursue an alternative discipline, preferably in a foreign language. Study abroad is strong encouraged and the department provides many opportunities for doing so.

All majors, whether in Studio Art, Digital Media, or Art History, are encouraged to apply for internships in their junior or senior year. The Department's programs are augmented by trips to nearby galleries and museums in the Hudson Valley, New England, and New York City. There are also noteworthy opportunities to stud abroad, particularly at our branch campus in Florence, Italy, as well as short-term programs in Italy, England, France, Spain, and Japan.

FLORENCE, ITALY BRANCH CAMPUS
The Department of Art and Digital Media offers courses, a certi cate, ve majors, and a graduate degree at the branch campus in Florence, Italy:

- B.A. Fine Arts – Studio Art
- B.A. Fine Arts – Art History
- B.S. Conservation Studies/Restoration [only available in Florence]
- B.S. Digital Media
- B.S. Studio Art
- B.F.A. Interior Design [only available in Florence]
- M.A. Museum Studies [only available in Florence]
- Certi cate in Studio Art [only available in Florence]

For more information on courses and these degree programs, please consult the Marist-LdM Florence program catalog.

MINORS
Minors in Studio Art, Photography, Graphic Design and Art History are also offered for those students who wish to combine their study in other disciplines with an exploration of the visual arts.

REQUIREMENTS FOR A BACHELOR OF ARTS IN FINE ARTS: STUDIO ART

Concentration in Studio Art
Note: A minimum of 90 credits in Liberal Arts is required.

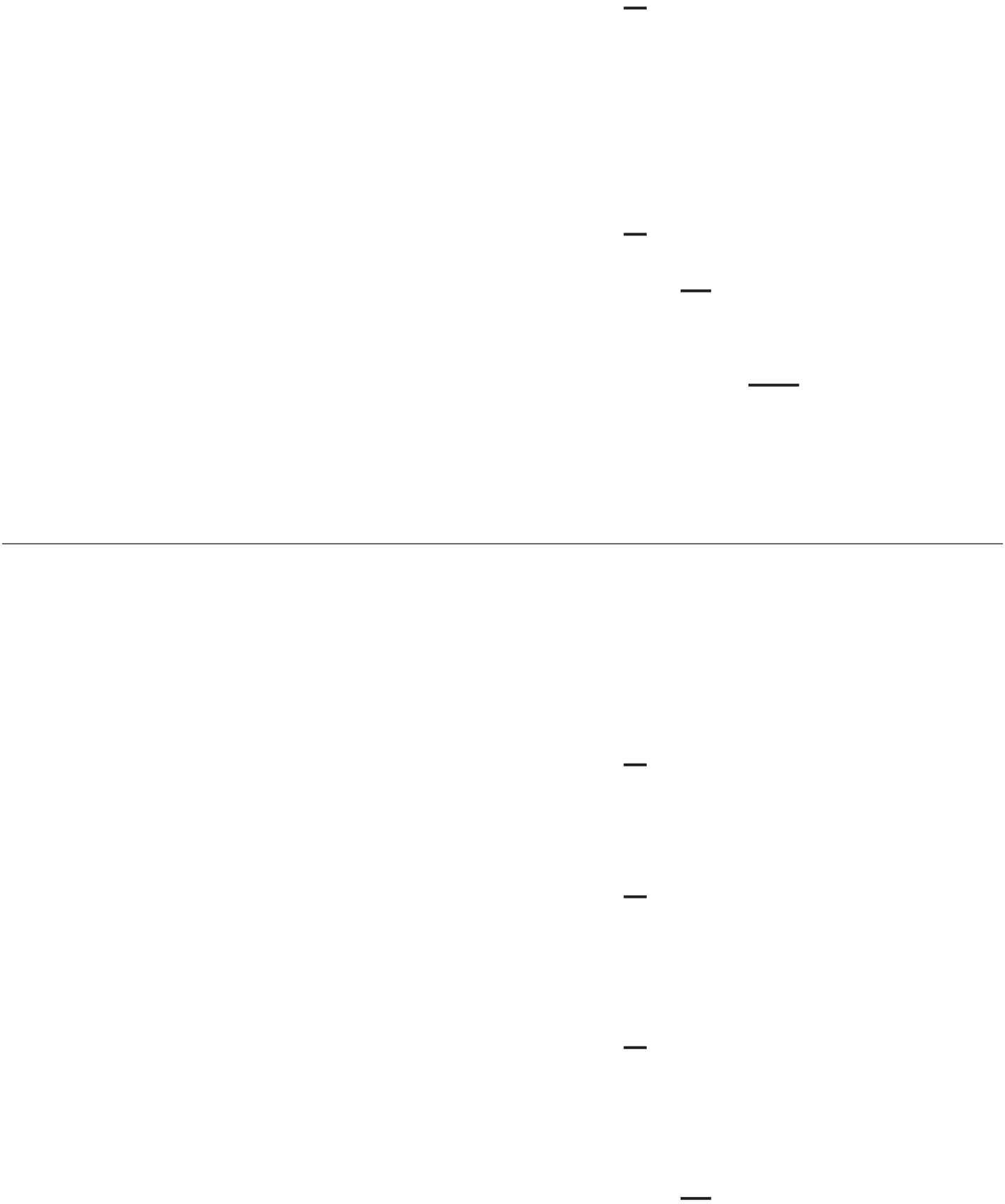
1.0	Course Requirements		
	ART 101 Fundamentals of Art and Design I	3 cr	
	ART 110 Basic Drawing	3 cr	
	ART 160 History of Western Art I	3 cr	
	ART 180 History of Western Art II	3 cr	
	One 200-300 level Art History course	3 cr	
	CMPT 103 Technology for the 21st Century	3 cr	
	ART 477 Capping Course	3 cr	
			21 cr
1.1	Tracks		
	3 courses in one of the following: digital media, drawing, graphic design, painting, or photography	9 cr	
			9 cr

1.2	Each student is required to take four additional courses in Studio Art.	12 cr	12 cr	
Total Credit Requirement for Concentration in Studio Art				42 cr

2.0 Course requirements in Related Fields: None

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION



1.3 Art Electives, Related Fields, and/or Professional Internship 9 cr

Students must take an additional nine credits in the art studio area, related eld electives (for example, Digital Media courses, Art History classes, classes in Communication, etc.) and/or a Professional Internship, or any combination thereof.

- Internships and related eld requirements must be approved by the department.

Total Credit Requirement for Concentration in Studio Art 69 cr

3.0 Core/Liberal Studies Requirement

3.1 FOUNDATION

FYS 101 First Year Seminar	4 cr	
ENG 120 Writing for College	3 cr	
		7 cr

3.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives	3 cr	
Ethics, Applied Ethics, or Religious Studies /8h nng (en-US)/MCID 5420 >>BDC BT 8 0 0 8 365.784 6.75 0 Td (69 cr)Tj ET EMC /Span <</t		

SENIOR YEAR

FALL		SPRING	
Art Studio Elective 3	3 cr	ART 477 Capping	3 cr
Liberal Arts Elective	3 cr	Art Studio Elective 4	3 cr
Liberal Arts Elective	3 cr	Liberal Arts Elective	3 cr
Liberal Arts Elective	3 cr	Liberal Arts Elective	2 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		14 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN ART HISTORY

FRESHMAN YEAR

FALL		SPRING	
ART 101 Fund of Art & Design	3 cr	ART 110 Basic Drawing	3 cr
ART 160 History of Western Art I	3 cr	ART 180 History of Western Art II	3 cr
FYS 101 First Year Seminar	4 cr	PHIL 101 Philosophical Perspectives	3 cr
ENG 120 Writing for College	3 cr	Core/LS	3 cr
Liberal Arts Elective	3 cr	Liberal Arts Elective	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
Art History Elective 1	3 cr	Art History Elective 2	3 cr
Liberal Arts Elective	3 cr	Liberal Arts Elective	3 cr
Liberal Arts Elective	3 cr	Liberal Arts Elective	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
Art History Elective 3	3 cr	Art History Elective 4	3 cr
Alternate Field Discipline 1	3 cr	Alternate Field Discipline 2	3 cr
Liberal Arts Elective	3 cr	Liberal Arts Elective	3 cr
Liberal Arts Elective	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
Art History Elective 5	3 cr	ART 477 Capping	3 cr
Alternate Field Discipline 3	3 cr	Liberal Arts Elective	3 cr
Liberal Arts Elective	3 cr	Liberal Arts Elective	3 cr
Liberal Arts Elective	3 cr	Liberal Arts Elective	2 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		14 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN DIGITAL MEDIA

FRESHMAN YEAR

FALL		SPRING	
ART 101 Fund of Art & Design	3 cr	ART 110 Basic Drawing	3 cr
ART 231 Intro to Digital Media	3 cr	ART 180 History of Western Art II	3 cr
ART 160 History of Western Art I	3 cr	ART 320 Digital Photography	3 cr
ENG 120 Writing for College	3 cr	PHIL 101 Philosophical Perspectives	3 cr
FYS 101 First Year Seminar	4 cr	Core/LS	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
ART 235 Digital Animation	3 cr	ART 323 Designing for the Web	3 cr
ART 211 Digital Layout & Design	3 cr	Major Concentration Course 1	3 cr
ART 201 3D Design	3 cr	Studio Art/Rel Field Elective 1	3 cr
Core/LS	3 cr	General Elective	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
ART 366 History of 20th Century Art	3 cr	ART 350 Contemporary Art	3 cr
Major Concentration Course 1	3 cr	Studio Art/Rel Field Elective 3	3 cr
Studio Art/Rel Field Elective 2	3 cr	Major Concentration Course 3	3 cr
Core/LS	3 cr	General Elective	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
Major Concentration Course 4	3 cr	ART 477 Capping	3 cr
ART 478 Senior Thesis	3 cr	Studio Art/Rel Field Elective 5	3 cr
Studio Art/Rel Field Elective 4	3 cr	General Elective	3 cr
Core/LS	3 cr	General Elective	2 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		14 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN STUDIO ART

FRESHMAN YEAR

FALL		SPRING	
ART 101 Fund of Art & Design	3 cr	ART 231 Intro to Digital Media	3 cr
ART 110 Basic Drawing	3 cr	ART 180 History of Western Art II	3 cr
ART 160 History of Western Art I	3 cr	ART 201 3D Design	3 cr
ENG 120 Writing for College	3 cr	PHIL 101 Philosophical Perspectives	3 cr
FYS 101 First Year Seminar	4 cr	Core/LS	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
ART 203 Drawing II: Media and Techniques	3 cr	ART 111 Basic Painting	3 cr
ART 105 Basic Sculpture	3 cr	ART 207 Basic Printmaking	3 cr
Related Field Course 1	3 cr	Related Field Course 2	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
Art Studio Elective 1	3 cr	Art Studio Elective 2	3 cr
Related Field Course 3	3 cr	Art Studio Elective 3	3 cr
Art History (200 Level or above)	3 cr	Art History (200 Level or above)	3 cr
Core/LS	3 cr	ART 207 Basic Printmaking	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
Art Studio Elective 4	3 cr	Art Studio Elective 5	3 cr
ART 478 Senior Thesis	3 cr	ART 477 Capping	3 cr
General Elective	3 cr	General Elective	3 cr
General Elective	3 cr	General Elective	2 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		14 cr

REQUIREMENTS FOR A MINOR IN STUDIO ART

Foundation Courses:	6 cr	
ART 101 Fundamentals of Art and Design I		
ART 110 Basic Drawing		
Four additional Studio Art courses	12 cr	
Total Credit Requirement for a Minor in Studio Art		18 cr

REQUIREMENTS FOR A MINOR IN ART HISTORY

Introductory courses:	6 cr	
ART 160 History of Western Art I		
ART 180 History of Western Art II		
Four additional Art History courses at the 200 level or above	12 cr	
Total Credit Requirement for a Minor in Art History		18 cr

REQUIREMENTS FOR A MINOR IN PHOTOGRAPHY

Foundation Courses:	9 cr
ART 101 Fundamentals of Art and Design I OR	
ART 110 Basic Drawing	
ART 145 Basic Photography	
ART 231 Introduction to Digital Media	

ATHT 310 Lower Body/Extremity Assess. of Musculoskeletal Injuries + Lab	3 cr		
ATHT 311 Upper Body/Extremity Assess. of Musculoskeletal Injuries + Lab	3 cr		
ATHT 330 Advanced Concepts in Athletic Training	3 cr		
ATHT 400 Athletic Training Administration	3 cr		
ATHT 395, 396, 397, 398, 497, 498 Clinical Practicum I-VI	6 cr		
ATHT 477 Professional and Ethical Issues in Athletic Training	3 cr		
		39 cr	

2.0 Course Requirements in Related Fields			
BIOL 130 General Biology I	4 cr		
BIOL 131 General Biology II	4 cr		
BIOL 201 Human Anatomy & Physiology I	4 cr		
BIOL 202 Human Anatomy & Physiology II	4 cr		
CHEM 111 General Chemistry I	3 cr		
CHEM 112 General Chemistry II	3 cr		
CHEM 115 General Chemistry Laboratory I	1 cr		
CHEM 116 General Chemistry Laboratory II	1 cr		
CMPT 103 Technology for the 21st Century	3 cr		
HLTH 201/BIOL 203 Human Nutrition	3 cr		
HLTH 202 First Aid and CPR	3 cr		
HLTH 211/PSYC 211 Sport and Exercise Psychology	3 cr		
HLTH 300 Kinesiology	3 cr		
HLTH 301 Exercise Physiology	3 cr		
MATH 130 Intro to Statistics I	3 cr		
PSYC 101 Intro to Psychology	3 cr		
Credit Requirement in Related Fields		48 cr	
Total Credit Requirement for a Major in Athletic Training			87 cr

3.0 Core/Liberal Studies Requirements			
3.1 FOUNDATION			
FYS 101 First Year Seminar	4 cr		
ENG 120 Writing for College	3 cr		
		7 cr	
3.2 DISTRIBUTION			
Breadth			
PHIL 101 Philosophical Perspectives	3 cr		
Ethics, Applied Ethics, or Religious Studies	3 cr		
Fine Arts	3 cr		
History	3 cr		
Literature	3 cr		
Mathematics	0 cr	(ful lled by major eld req.)	
Natural Science	0 cr	(ful lled by major eld req.)	
Social Science	0 cr	(ful lled by major eld req.)	
		15 cr	
Pathway*		12 cr	
Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement		34 cr	
4.0 Electives		0 cr	
Total Credit Requirement for Graduation		121 cr	

* Breadth and 229.728 Tm (>> BDC 0.4< t44nMC 6.75 0 Td (cr)]Tto)44.9 (es)]TJ /Srlap,(y -]TJ /ut all sequ.9 Tdust takuatione a]TJ9.8 of728 nartriy -]TJ /utET

ENSC 212 Intro to Geology Lab
ENSC 230 Intro to Geographic Information Systems
ENSC 310 Environmental Chemistry
ENSC 309 Environmental Chemistry Lab
ENSC 315 Natural History of the Hudson Valley
ENSC 327 Freshwater Ecology
ENSC 330 Advanced Geographic Information Systems
ENSC 380 Principles of Environmental Assessment
ENSC 404 Toxicology
ANTH 101 Intro to Physical Anthropology
MATH 131 Intro to Statistics II
MATH 242 Calculus II
MATH 343 Calculus III

Credit Requirements in Related Field Electives 8 cr

* Structured Programs in Medical Technology

Biology majors can opt to complete one or more structured programs in Medical Technology by ful lling speci c requirements for each discipline chosen (i.e Chemistry, Hematology, Immunology/Immunohematology, or Microbiology). Clinical I coursework precedes Clinical II coursework, which includes an internship plu an advanced lecture series on campus. Structured program completion enables students to take national certi cation examinations speci c to the Medical Techno discipline and offers job security upon graduation. For additional information please see the Chair of Medical Technology.

Total Credit Requirement for a Major in Biology 63-68 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

FYS 101 First Year Seminar	4 cr	
ENG 120 Writing for College	3 cr	
		7 cr

3.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives	3 cr	
Ethics, Applied Ethics or Religious Studies (Bioethics is recommended)	3 cr	
** A PHIL ethics class is a prerequisite for entry in BIOL 477 Biology Capping		
Fine Arts	3 cr	
History	3 cr	
Literature	3 cr	
Mathematics	0 cr	(ful lled by major eld req.)
Natural Science	0 cr	(ful lled by major eld req.)
Social Science	3 cr	
		18 cr

Pathway* 12 cr
Courses addressing an interdisciplinary topic.

Total Core/Liberal Studies Requirement 37 cr

4.0 Electives 15-20 cr

Total Credit Requirement for Graduation 120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requireme See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN BIOLOGY

FRESHMAN YEAR

FALL

BIOL 130 General Biology I	4 cr
CHEM 111 General Chemistry I	3 cr
CHEM 115 General Chemistry I Lab	1 cr
ENG 120 Writing for College	3 cr
PHIL 101 Philosophical Perspectives	3 cr
Technology Course	3 cr
	17 cr

SPRING

BIOL 131 General Biology II	4 cr
CHEM 112 General Chemistry II	3 cr
CHEM 116 General Chemistry II Lab	1 cr
MATH 241 Calculus I	4 cr
FYS 101 First Year Seminar	4 cr
	16 cr

SOPHOMORE YEAR
FALL

2.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives	3 cr	
Ethics or Applied Ethics	3 cr	
(Bioethics is recommended, a PHIL Ethics class is a prerequisite for entry into BIOL 477 Biology Capping)		
Fine Arts	3 cr	
History	3 cr	
Literature	3 cr	
Mathematics	0 cr	(ful lled by major eld req.)
Natural Science	0 cr	(ful lled by major eld req.)
Social Science	0 cr	(ful lled by Education req.)
		15 cr
Pathway*		6 cr*
4 courses addressing an interdisciplinary topic.		

* In order to ensure timely progress toward the degree, students in this major must choose at least 2 Breadth courses that simultaneously ful ll a Pathway OR choos Pathway that overlaps with 2 courses required by the major (including related- eld requirements).

Total Core/Liberal Studies Requirement 28 cr

3.0 Education Classes

PSYC 101 Intro to Psychology	3 cr	(credits ful ll the Core/LS social science req.)
PSYC 207 Exceptional Child	3 cr	(credits ful ll the Core/LS social science req.)
PSYC 318 Psychology of the Adolescent	3 cr	
EDUC 101 Foundation of Education	3 cr	
EDUC 150 Learning Through Technology	3 cr	
EDUC 354 Teaching of Language Arts	3 cr	
EDUC 355 Teaching Language Arts/Content Areas	3 cr	
EDUC 410 Participation/Observation	1 cr	
EDUC 422 Methods of Teaching Science	3 cr	
EDUC 464 Student Teaching	12 cr	
Foreign Language**	3-6 cr	
		40-43 cr
Free Electives		0-1 cr
Total Credit Requirement for Graduation		120-122 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

** Language Requirement
One year of foreign language or one course at the intermediate level.

Conditions for Continuance in the Biology Education Major
Students must satisfy the requirements outlined above. If at the end of a semester the student does not have the designated minimum grades and GPA in any of the a areas (BIOL, the major eld, classes for the Education Certi cate, and/or overall GPA), the student will be called to an advisory meeting with selected members of the Biology and Education Faculty. At this meeting, the actions necessary to remain in the major will be outlined. If at the end of two consecutive semesters the student h failed to maintain the designated minimum grades and GPA in any of the above areas (BIOL, the major eld, classes for the Education Certi cate, and/or overall GPA) the student will be called to a second advisory meeting with selected members of the Biology and Education Faculty during which the student's educational options w be presented and discussed. Note that any student who does not demonstrate the fundamental knowledge, skills and dispositions necessary to assume the responsib of a classroom teacher may be removed from the education program by the Department of Education.

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN BIOLOGY – EDUCATION

FRESHMAN YEAR

FALL

BIOL 130 Gen Biology I	4 cr
CHEM 111 Gen Chemistry I	3 cr
CHEM 115 Gen Chemistry I Lab	1 cr
ENG 120 Writing for College	3 cr
PHIL 101 Philosophical Perspectives	3 cr
PSYC 101 Introduction to Psychology	3 cr
	17 cr

SPRING

BIOL 131 Gen Biology II	4 cr
CHEM 112 Gen Chemistry II	3 cr
CHEM 116 Gen Chemistry II Lab	1 cr
FYS 101 First Year Seminar	4 cr
EDUC 101 Foundation of Education	3 cr
	15 cr

ECON 103 Principles of Microeconomics	3 cr
ECON 104 Principles of Macroeconomics	3 cr
CMPT 300 Management Information Systems	3 cr
MATH 115 Calculus with Management Applications OR	
MATH 241 Calculus I	3-4 cr
MATH 130 Introductory Statistics I	3 cr

The Business Core (24 credits)

The eld of business administration is a broad one. Today's educated business professional must possess a solid foundation in all the functional activities of organizatio as well as the behavioral, economic, legal, and social environments in which organizations operate. The following required business courses provide the necess exposure to the breadth of the business discipline:

BUS 100 Introduction to Business and Management	3 cr
BUS 202 Global Business and Society	3 cr
BUS 301 Human Resource Management	3 cr
BUS 302 Organizational Behavior	3 cr
BUS 320 Financial Management	3 cr
BUS 340 Marketing Principles	3 cr
BUS 382 Legal Foundations of Business	3 cr
BUS 388 Operations Management	3 cr

The Area of Emphasis (12 credits)

The broad exposure to business provided by the Business Core is necessary, but not suf cient, for the Bachelor's degree in Business Administration. To develop t capability to contribute to an organization's competitiveness, the student must also acquire more advanced expertise in an area of emphasis. The School of Managem encourages each business administration major to select an area of emphasis that

- re ects his or her interests and talents, and
- leads to ful llment of both career aspirations and employers' expectations.

Students may only select one area of emphasis.

To ful ll employers' expectations for entry-level management positions, and thereby enhance rst employment opportunities, students frequently select courses which emphasize one of the following areas:

- Finance (ECON 422, BUS 420, BUS 421, ACCT 330)
- International Business (BUS 430, BUS 442, ECON 442) and one class chosen from the following list:
  ECON 432
  FREN 251
  FREN 440
  POSC 252
  POSC 255
  POSC 350
  POSC 236
- Marketing (BUS 440, BUS 441, BUS 442, BUS 450)
- Human Resources (BUS 401, BUS 402, BUS 410, BUS 413)
- Customized (by special arrangement with the student's advisor and department chair and approved by the dean.)

At the time of the declaration of Finance as the area of emphasis, the student must have already earned a grade of C or better in each of the following courses: EC 103, ECON 104, ACCT 203, ACCT 204, MATH 115, MATH 130.

The area of emphasis is a key component of each student's Study Plan. This plan is developed in consultation with the student's faculty advisor. Any proposed chan in the courses comprising a student's approved area of emphasis must be authorized by the appropriate department chair.

Interdisciplinary Areas of Emphasis

To provide business majors with additional options, the School of Management makes available two interdisciplinary offerings, one in Computer Information System and one in Public Administration, which may be used as secondary areas of emphasis.

In cooperation with the Department of Computer Science and Information Systems (CSIS), a secondary area of emphasis in Computer Information Systems can constructed with the following required courses (13 credits):

CSIS 152 Excel	1 cr
CMPT 120 Introduction to Programming	4 cr
CMPT 308 Database Management	4 cr
CMPT 460 Decision Support and Business Intelligence Systems	4 cr

In cooperation with the Political Science Department (POSC), a secondary area of emphasis in Public Administration can be constructed with the following require courses (15 credits):

ACCT 451 Government and Not-For-Pro t Accounting	3 cr
ECON 421 Public Finance	3 cr
POSC 110 American National Government	3 cr
POSC 240 Introduction to Public Policy OR	
POSC 322 Policy Implementation	3 cr
POSC 304 Public Administration	3 cr

The Integrative Capping Course (3 credits)

In essence, professional managers apply their business knowledge through informed, action-oriented decision making that enhances the competitiveness enterprise. This integrative act must be studied and practiced. The required integrative capping course develops this capability and completes the process of qua the business major for the Bachelor's degree in Business Administration:

BUS 477 Management Strategy and Policy	3 cr

SUMMARY OF REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Note: A minimum of 60 credits in Liberal Arts is required.

1.0	Course Requirements in Business Foundations		
	ACCT 203 Financial Accounting	3 cr	
	ACCT 204 Managerial Accounting	3 cr	
	ECON 103 Principles of Microeconomics	3 cr	
	ECON 104 Principles of Macroeconomics	3 cr	
	CMPT 300 Management Information Systems	3 cr	
	MATH 115 Calculus with Management Applications OR		
	MATH 241 Calculus I	3-4 cr	
	MATH 130 Introductory Statistics I	3 cr	
Credit Requirements in Business Foundations			21-22 cr
2.0	Course Requirements in Business		
	Business Core	24 cr	
	Area of Emphasis	12 cr	
	Integrative Capping Course	3 cr	
Credit Requirement in Business			39 cr

REQUIREMENTS FOR A MINOR IN BUSINESS

Required Courses: 18 cr
- ACCT 203 Financial Accounting
- ACCT 204 Managerial Accounting
- ECON 103 Principles of Microeconomics
- ECON 104 Principles of Macroeconomics
- BUS 320 Financial Management (Prerequisite MATH 130 Statistics)
- BUS 301 Human Resource Management OR
  - BUS 340 Marketing Principles

Electives: 6 cr
- Select two 300-400 level courses in Business, Accounting** or Economics***
  - OR FASH 365 OR FASH 455

Total Credit Requirement for a Minor in Business 24 cr

* Subject to prerequisite requirements. Internship credits excluded.
** Accounting majors are required to take BUS 388 Operations Management or one additional 300-400 level course in Accounting.
*** Economics majors are required to take two 300-400 level BUS or ACCT courses.

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Note: Students who may want to study abroad, including but not limited to doing a business internship abroad, should not take their Core/LS distribution course freshman and sophomore years. Instead, after Philosopical Perspectives, Writing for College and First Year Seminar, these students should take their major courses r away, saving Core/LS and/or elective courses for exibility when they are abroad.

FRESHMAN YEAR

FALL		SPRING	
FYS 101 First Year Seminar OR	4 cr	FYS 101 First Year Seminar OR	4 cr
ENG 120 Writing for College	3 cr	ENG 120 Writing for College	3 cr
BUS 100 OR PHIL 101	3 cr	BUS 100 OR Phil 101	3 cr
ECON 103 Princ. of Microeconomics*	3 cr	ECON 104 Princ. of Macroeconomics**	3 cr
MATH 115 OR MATH 130	3 cr	MATH 115 OR MATH 130	3 cr
Core/LS Distribution	3 cr	Core/LS Distribution	3 cr
	15 or 16 cr		15 or 16 cr

SOPHOMORE YEAR

FALL		SPRING	
ACCT 203 Financial Accounting	3 cr	ACCT 204 Managerial Accounting	3 cr
BUS 202 Global Bus & Soc OR Elective	3 cr	BUS 202 Global Bus & Soc OR Elective	3 cr
BUS Core	3 cr	BUS Core	3 cr
Core/LS Distribution	3 cr	Core/LS Distribution	3 cr
Core/LS Distribution	3 cr	Core/LS Distribution	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
BUS Core	3 cr	BUS Core	3 cr
BUS Core	3 cr	BUS Core/Emphasis/Elective	3 cr
Core/LS Distribution	3 cr	Core/LS Distribution	3 cr
PHIL 200 OR CMPT 300	3 cr	PHIL 200 OR CMPT 300	3 cr
Internship/Elective	3 cr	Internship/Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
BUS Core/Elective	3 cr	BUS 477 Management Strategy	3 cr
BUS Emphasis	3 cr	BUS Emphasis	3 cr
BUS Core/Emphasis/Elective	3 cr	BUS Emphasis	3 cr
Core/LS Distribution	3 cr	Elective	2 cr
Internship/Elective	3 cr	Internship/Elective	3 cr
	15 cr		14 cr

Business Foundation Courses:
- BUS 100 Introduction to Business
- BUS 202 Global Environment of Business

Business Core Emphasis Introductory Courses:
- BUS 301 Human Resource Management
- BUS 320 Financial Management
- BUS 340 Marketing Management

Business Core Courses:
- BUS 302 Organizational Behavior
- BUS 382 Legal Foundations of Business
- BUS 388 Operations Management

Business Capping Course:
- BUS 477 Management Strategy/Policy

Business Core/LS Requirements:

History	(2 Courses/6 Credits)	* Econ 103 was formerly Econ 102
Science	(2 Courses/6 Credits)	** Econ 104 was formerly Econ 101

CATHOLIC STUDIES MINOR

JOHN KNIGHT , Ph.D.,Coordinator
JANET STIVERS, Ph.D.

Catholic Studies is a multidisciplinary program which offers students an opportunity to study how the tradition of Catholic Christianity has shaped the world we kn today, to examine their beliefs and values in a mature and critical way, and to further integrate their Core/Liberal Studies program.

The three required courses for the Minor are designed to provide students with an historical and theological foundation in the traditions of Catholic Christian The elective courses in the several groupings identi ed below encourage students to explore the implications of Catholic thought, imagination, spirituality, and soc political vision within the many other disciplines they are studying. All the required or elective courses for the Minor can also satisfy one or another Core/LS a requirement.

If you have further questions, contact Dr. Robert Lewis, Coordinator.

The minor requires a total of 18 credits distributed as follows:

A. Required Courses

HIST 248 (Dual listed as CAST 200) Catholic Studies I: Medieval Europe	3 cr	
HIST 255 (Dual listed as CAST 201) Catholic Studies II: The Catholic Church in Modern Times	3 cr	
REST 243 (Dual listed as CAST 202) Catholic Thought and Spirituality	3 cr	
		9 cr

B. Elective Courses 9 cr

Students must elect at least one course from each of the rst two groupings, and a third from any of the three groupings:

Group One (Art, Music, Literature)
- ART 380 Renaissance Art
- ENG 214 Religion in Film and Literature
- ENG 266 The Italian-American Experience
- ENG 330 Medieval Literature
- ENG 324 Chaucer
- Appropriate Special-Topics and regular courses in Art, Literature or Music

Group Two (Philosophy and Religious Studies)
- PHIL 223 Medieval Philosophy
- PHIL 231 Philosophy of Religion
- REST 208 The Bible
- REST 203 Principles of Christianity
- REST 204 Principles of Judaism
- REST 431 Spirituality and Religious Development
- Appropriate Special-Topics and regular courses in Philosophy or Religious Studies

7-500 ( )-2000 (223 Medieval Philosophy)80 (Appropriate Special-T)80 (opic2pan<Span /Span <</Lang (en-US)/MCID 6667 >>BDC BTHISpanDe)(DC lJ >een-s POS

In support of this mission, a research-rich, challenging curriculum engages undergraduate chemistry and biochemistry majors amidst a supportive environme featuring exceptional access to faculty and facilities. Two American Chemical Society-approved curricula emphasize extensive hands-on experience with state-of-th art instrumentation and development of effective communication skills. Computational modeling is integrated throughout the curriculum as one mechanism to blen contemporary practice with traditional methods. A strong sense of community grows from personal attention and individualized mentoring from faculty and support from fellow students.

Students are therefore the central focus and an integral part of the Department, working side-by-side with faculty who are enthusiastically committed to th teacher-scholar model. Faculty strive to be nationally recognized in their areas of specialization by working in research partnerships with students as colleagues. M departmental majors complete original research projects, many of which culminate in presentation or publication at the national level. Marist Chemistry graduates a superbly prepared to be critically thinking, ethical scientist-citizens, with a balanced understanding of theory and method. Such graduates will be successful regardle of the paths they follow after leaving Marist College.

In pursuit of the philosophy of “Science without Boundaries,” the Department actively seeks to collaborate with students and faculty from other disciplines. The Department cherishes its role in training students majoring in the other sciences, because the physical sciences underlie processes integral to the life sciences and h professions. The Department recognizes its responsibility to contribute to the understanding and thinking of non-science majors via its involvement in the Core/Libera Studies program. Faculty and students also use their expertise to provide service to the College and the mid-Hudson Valley.

Departmental Goals

- To be nationally recognized by high schools as a place to send their best students and by graduate schools as a place to recruit high-quality students.
- To place graduating students in competitive positions of their choice in graduate schools, professional schools, secondary schools, and industry.
- To provide an environment which fosters continued professional growth of the faculty, including the ability to stay active and vital in their respective elds of research.
- To engage students in publication-quality research.
- To contribute to increased scienti c knowledge through presentations and publications.

Goals for Students

Students Will:

- Achieve Understanding:

CHEM 366 Experimental Physical Chemistry: Quantum & Statistical Mechanics
CHEM 474 Research Methods in Chemistry I (Capping)
CHEM 475 Research Methods in Chemistry II
CHEM 476 Research Methods in Chemistry III

Two or more additional courses selected from the following: 6 cr

CHEM 420 Biochemistry I
CHEM 421 Biochemistry II
CHEM 423 Biochemistry Laboratory I
CHEM 424 Biochemistry Laboratory II
CHEM 430 Advanced Inorganic Chemistry
CHEM 431 Advanced Inorganic Chemistry Laboratory
CHEM 440 Advanced Organic Chemistry
CHEM 460 Polymer Chemistry

Students seeking ACS certi cation must take CHEM 420, 423, 430, and 431.

Credit Requirement in Chemistry 44 cr

2.0 Course Requirements in Related Fields

MATH 210 Linear Algebra	3 cr
MATH 241 Calculus I	4 cr
MATH 242 Calculus II	4 cr
PHYS 211 General Physics I**	3 cr
PHYS 212 General Physics II	3 cr
PHYS 213 Physics Laboratory I***	1 cr
PHYS 214 Physics Laboratory II	1 cr

*Choice consistent with background in Computer Science
**PHYS 221 Modern Physics may be substituted for either PHYS 211 or PHYS 212 with departmental approval
***PHYS 222 Modern Physics Lab may be substituted for either PHYS 213 or PHYS 214 with departmental approval

Credit Requirement in Related Fields 19 cr

Total Credit Requirement for a Major in Chemistry 63 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

FYS 101 First Year Seminar 4 cr
ENG 120 s17tR1iti [(/ActualText<FEFF0009>>aColle)]en6tx7953 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN CHEMISTRY – BIOCHEMISTRY OPTION

Notes: A minimum of 60 credits in Liberal Arts is required. Pre-medical Chemistry majors should add BIOL 113 (1 cr) to the list of course requirements in related elds.

Ethics, Applied Ethics, or Religious Studies	3 cr	
Fine Arts	3 cr	
History	3 cr	
Literature	3 cr	
Mathematics	0 cr	(ful lled by major eld req.)

3.0	Core/Liberal Studies Requirements			
3.1	FOUNDATION			
	FYS 101 First Year Seminar	4 cr		
	ENG 120 Writing for College	3 cr		
			7 cr	
3.2	DISTRIBUTION			
	Breadth			
	PHIL 101 Philosophical Perspectives	3 cr		
	Ethics, Applied Ethics, or Religious Studies	3 cr		
	Fine Arts	3 cr		
	History	3 cr		
	Literature	3 cr		
	Mathematics	0 cr	(ful lled by major eld req.)	
	Natural Science	0 cr	(ful lled by major eld req.)	
	Social Science	3 cr		
			18 cr	
	Pathway*		12 cr	
	Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement				37 cr
4.0	Electives			32 cr
	Recommended Course			
	MATH 210 Linear Algebra			
Total Credit Requirement for Graduation				120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i
Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt
areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement
See the Core/LS Program Website for a detailed list of all courses in the Core/LS Program. Note: Breadth and Pathway courses may not be (Elected) 4-9, (WIC)

OR BIOL 340 Comparative Anatomy
OR BIOL 435 Plant Physiology
OR BIOL 440 Vertebrate Physiology
OR BIOL 493 Molecular Biology
OR CHEM 421 Biochemistry II
OR ENSC 404 Toxicology
OR MEDT 301 Clinical Microbiology I
OR MEDT 305 Clinical Chemistry I
OR MEDT 315 Hematology I
OR MEDT 340 Clinical Immunology
OR MEDT 345 Clinical Microscopy I

MATH 241 Calculus I	4 cr	
MATH 242 Calculus II	4 cr	
PHYS 211 General Physics I**	3 cr	
PHYS 212 General Physics II**	3 cr	
PHYS 213 Physics Laboratory I***	1 cr	
PHYS 214 Physics Laboratory II***	1 cr	

**PHYS 221 Modern Physics may be substituted for either PHYS 211 or PHYS 212 with departmental approval
***PHYS 222 Modern Physics Lab may be substituted for either PHYS 213 or PHYS 214 with departmental approval

Credit Requirement in Related Fields		27-28 cr
Total Credit Requirement for a B.A. Major in Biochemistry		62-63 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

FYS 101 First Year Seminar	4 cr	
ENG 120 Writing for College	3 cr	
		7 cr

3.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives	3 cr	
Ethics, Applied Ethics, or Religious Studies	3 cr	
Fine Arts	3 cr	
History	3 cr	
Literature	3 cr	
Mathematics	0 cr	(fulfilled by major field req.)
Natural Science	0 cr	(fulfilled by major field req.)
Social Science	3 cr	
		18 cr

Pathway* 12 cr
Courses addressing an interdisciplinary topic.

Total Core/Liberal Studies Requirement	37 cr
4.0 Electives	20-21 cr

Recommended Courses
BIOL 315 Immunology
BIOL 320 Genetics

Total Credit Requirement for Graduation	120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related field requirements). Students majorin
Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea
areas. Although foreign language and culture courses are not required within the Core, some courses in these fields may be used to fulfill distribution requireme
See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

REQUIREMENTS FOR A MINOR IN CHEMISTRY

CHEM 111 General Chemistry I: Introduction to Inorganic Chemistry	3 cr
CHEM 112 General Chemistry II: Introduction to Physical Chemistry	3 cr
CHEM 115 General Chemistry Laboratory I	1 cr
CHEM 116 General Chemistry Laboratory II	1 cr
CHEM 211 Organic Chemistry I	3 cr

CHEM 212 Organic Chemistry II	3 cr
CHEM 215 Organic Chemistry Laboratory I	1 cr
CHEM 216 Organic Chemistry Laboratory II	1 cr

Two courses chosen from two different groups. One of these courses must be accompanied by its corresponding lab course. 7-9 cr

Group 1: CHEM 355 Analytical Chemistry* OR CHEM 310 Environmental Chemistry OR CHEM 474 Res Methods in Chemistry I (Capping)*
Group 2: CHEM 361 Thermodynamics & Kinetics** OR CHEM 362 Quantum & Statistical Mechanics**
Group 3: CHEM 430 Adv. Inorganic Chemistry OR CHEM 440 Adv. Organic Chemistry OR other advanced special topics courses as offered
Group 4: CHEM 420 Biochemistry I

* Both have lab courses built in; no further lab would be required.
** CHEM 361-362 require PHYS 211 (or 221) – 212; CHEM 362 requires MATH 210.

Total Credit Requirement for a Minor in Chemistry 23-25 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN CHEMISTRY

FRESHMAN YEAR

FALL		SPRING	
CHEM 111 General Chemistry I	3 cr	CHEM 112 General Chemistry II	3 cr
CHEM 115 General Chemistry Lab I	1 cr	CHEM 116 General Chemistry Lab II	1 cr
MATH 241 Calculus I	4 cr	MATH 210 Linear Algebra	3 cr
PHIL 101 Philosophical Perspectives	3 cr	ENG 120 Writing for College	3 cr
FYS 101 First Year Seminar	4 cr	Core/LS Pathway	3 cr
		Core/LS Pathway	3 cr
	15 cr		16 cr

SOPHOMORE YEAR

FALL		SPRING	
CHEM 203 Computational Chemistry	3 cr	CHEM 212 Organic Chemistry II	3 cr
CHEM 211 Organic Chemistry I	3 cr	CHEM 216 Organic Chemistry Lab II	1 cr
CHEM 215 Organic Chemistry Lab I	1 cr	PHYS 212 General Physics II	3 cr
PHYS 211 General Physics I	3 cr	PHYS 214 Physics Lab II	1 cr
PHYS 213 Physics Lab I	1 cr	Core/LS Pathway	3 cr
MATH 242 Calculus II	4 cr	Core/LS Pathway	3 cr
	15 cr		14 cr

JUNIOR YEAR

FALL		SPRING	
CHEM 355 Analytical Chemistry	4 cr	CHEM 361 Thermodynamics & Kinetics	3 cr
CHEM 362 Quantum & Stat Mechanics	3 cr	CHEM 365 Expt Thermodynamics & Kinetics	1 cr
Core/LS Ethics	3 cr	CHEM 366 Expt Quantum & Stat Mechanics	1 cr
Core/LS Fine Arts	3 cr	CHEM 474 Research Methods in Chem I (Capping)	4 cr
Elective	3 cr	Core/LS History	3 cr
		Elective	2 cr
	16 cr		14 cr

SENIOR YEAR

FALL		SPRING	
CHEM 475 Research Methods in Chem II	2 cr	CHEM 476 Research Methods in Chem III	1 cr
CHEM Elective	3 cr	CHEM Elective	3 cr
Core/LS Literature	3 cr	Core/LS Social Science	3 cr
Elective	6 cr	Electives	9 cr
	14 cr		16 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN CHEMISTRY – BIOCHEMISTRY OPTION

FRESHMAN YEAR

FALL		SPRING	
CHEM 111 General Chemistry I	3 cr	CHEM 112 General Chemistry II	3 cr
CHEM 115 General Chemistry Lab I	1 cr	CHEM 116 General Chemistry Lab II	1 cr
BIOL 130 General Biology I	4 cr	BIOL 131 General Biology II	4 cr
MATH 241 Calculus I	4 cr	MATH 242 Calculus II	4 cr
FYS 101 First Year Seminar	4 cr	ENG 120 Writing for College	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL

CHEM 203 Computational Chemistry	3 cr
CHEM 211 Organic Chemistry I	3 cr
CHEM 215 Organic Chemistry Lab I	1 cr
PHYS 211 General Physics I	3 cr
PHYS 213 Physics Lab I	1 cr
PHIL 101 Philosophical Perspectives	3 cr
	14 cr

SPRING

CHEM 212 Organic Chemistry II	3 cr
CHEM 216 Organic Chemistry Lab II	1 cr
PHYS 212 General Physics II	3 cr
PHYS 214 Physics Lab II	1 cr
Core/LS Pathway	3 cr
Core/LS Pathway	3 cr
Elective	1 cr
	15 cr

JUNIOR YEAR

FALL

CHEM 355 Analytical Chemistry	4 cr
CHEM 420 Biochemistry I	3 cr
CHEM 423 Biochemistry Lab I	1 cr
Core/LS Pathway	3 cr
Core/LS Pathway	3 cr
Elective	1 cr
	15 cr

SPRING

CHEM 421 Biochemistry II	3 cr
CHEM 424 Biochemistry Lab II	1 cr
CHEM 474 Research Methods in Chem I (Capping)	4 cr
BIOL 450 Biotechnology	4 cr
Core/LS Ethics	3 cr
	15 cr

SENIOR YEAR

FALL

CHEM 362 Quantum & Stat Mechanics	3 cr
CHEM 475 Research Methods in Chem II	3 cr
Core/LS Fine Arts	3 cr
Core/LS History	3 cr
Electives	4 cr
	15 cr

SPRING

CHEM 361 Thermodynamics & Kinetics	3 cr
CHEM 365 Expt Thermodynamics & Kinetics	1 cr
CHEM 476 Research Methods in Chem III	1 cr
Core/LS Literature	3 cr
Core/LS Social Science	3 cr
Elective	4 cr
	15 cr

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RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN BIOCHEMISTRY

FRESHMAN YEAR

FALL		SPRING	
CHEM 111 General Chemistry I	3 cr	CHEM 112 General Chemistry II	3 cr
CHEM 115 General Chemistry Lab I	1 cr	CHEM 116 General Chemistry Lab II	1 cr
BIOL 130 General Biology I	4 cr	BIOL 131 General Biology II	4 cr
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ANTH 101 Introduction to Physical Anthropology
BIOL 232 Sex, Evolution, and Behavior
BIOL 305 Animal Behavior
CMPT 120 Introduction to Programming
CMPT 404 Arti cial Intelligence
CMPT 412 Robotics
CMPT 440 Formal Languages and Computability
ENG 201 Introduction to Linguistics
ENG 343 Theory of Mind: Cognitive Approaches to American Literature
ENG 301 History of the English Language
ENG 302 World Englishes
MATH 130 Introductory Statistics I
MATH 131 Introductory Statistics II
MATH 310 Introduction to Mathematical Reasoning
MATH 412 Computational Linear Algebra
PHIL 203 Introduction to Logic
PHIL 310 Symbolic Logic
PHIL 324 Contemporary Analytic Philosophy
PHIL 325 Contemporary Continental Philosophy
PHIL 335 Metaphysics
PHIL 336 Epistemology
PHIL 345 Philosophy of Mind
PHIL 338 Philosophy of Science
PHIL 339 Philosophy of Language
PHIL 334 Free Will
PSYC 206 Psycho-Biological Sex Differences
PSYC 301 Biopsychology and Lab
PSYC 302 Neurobiology of Learning and Memory and Lab
PSYC 303 Developmental Neuropsychology and Lab
PSYC 305 Neurobiology and Neuropsychology of Learning Disabilities and Lab
PSYC 306 Cognitive Neuroscience and Neuropsychology and Lab
PSYC 342 Cognitive Psychology

Total Credit Requirement for a Minor in Cognitive Science 24 cr

COMMUNICATION

JEN EDEN, Ph.D.,Chairperson

MISSION:
The program is designed to challenge students interested in studying the many forms of human communication – its process, outcomes, and effects. The core investigation centers on the ways in which human beings purposefully utilize symbols in interaction to create or modify a socially meaningful world. Through cours and internships, the program combines a strong liberal arts background with a professional focus. Inherent in the program's courses and internships is the integ of communication theories and the liberal arts tradition(roter)-19.8 (nships is the inte)15 (g)-19.8 (3 a)andc5 (g)-1rS((PSYC 303 De)25 (v)14.9 (elopmental Neu

Communication Foundation Courses (12 credits)

The communication major is required to take four foundation courses. These courses will be taken during the freshman and sophomore years. The courses are:

COM 445 Sports Reporting
COM 448 Sports Broadcasting
COM 460 Sports Public Relations

Communication Electives (15 credits)

Each student is required to take ve additional communication elective courses beyond their concentration requirements, two of which can be at the 200 level w the other three must be at the 300-400 level. A student, in consultation with a communication faculty advisor, will select ve communication electives. These cour may be drawn from any area of the communication curriculum. These courses could be selected to allow a greater depth in investigating subjects encountered communication foundation or concentration requirements. Alternatively, these courses could be designed to broaden a student's understanding of subjects beyo student's specialized concentration.

Note: Internships carry non-liberal-arts elective credits and will not ful ll the above requirements.

Communication Capping Course (3 credits)

COM 401 Capping Course	3 cr

Courses in Related Fields (6 credits)

Foreign Language and/or Culture requirement (COM LC)	6 cr

Consistent with our mission to prepare communication students to live in a global economy, we require students to take two courses that help them to communicate diverse audiences. A student may meet this requirement by selecting courses from Modern Language offerings in language (any level) or culture or by selecting co from the following list or by selecting other suitable courses with the approval of their advisors.

Students may apply either COM 325 or COM 400 toward meeting the requirements for the Foreign Lanuage and/or Culture requirement.

Core/Liberal Studies or other requirements

ANTH 101 Intro to Anthro I
ANTH 102 Intro to Anthro II
ANTH 231 American Culture II
ANTH 232 Religion and Culture
ANTH 233 The American Indian
COM 400 Gender, Culture, and Communication
COM 488 Comparative Communication Systems
CRJU 314 U.S. Urban Cultures
CRJU 440 Senior Seminar I: Cross Cultural Criminal Justice Systems
ENG 370 The Jewish Literary Genius in the Modern Period
ENG 373 The Language of the Holocaust
HIST 229 Emergence of Women in Western Civilization
HIST 234 The Black American Experience
HIST 240 Race and Nationality in American Life
HIST 251 Women in Asia
HIST 263 Eastern Europe and Russia from 1928 to the Present
HIST 269 Asia II
HIST 274 History of Latin America Since 1830
HIST 285 The History and Political Culture of Ireland
HIST 349 Modern Germany

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN COMPUTER SCIENCE

3.1	FOUNDATION			
	FYS 101 First Year Seminar	4 cr		
	ENG 120 Writing for College	3 cr		
			7 cr	
3.2	DISTRIBUTION			
	Breadth			
	PHIL 101 Philosophical Perspectives	3 cr		
	Ethics: CMPT 305 Technology, Ethics, and Society Studies	3 cr		
	Fine Arts	3 cr		
	History	3 cr		
	Literature	3 cr		
	Mathematics	0 cr	(ful lled by major eld req.)	
	Natural Science	0 cr	(ful lled by major eld req.)	
	Social Science	3 cr		
			18 cr	
	Pathway*		12 cr	
	Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement				37 cr
4.0	Electives (and/or Internship)			11 cr
Total Credit Requirement for Graduation				120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requireme See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN COMPUTER SCIENCE WITH A CONCENTRATION IN GAME DESIGN AND PROGRAMMING

FRESHMAN YEAR

FALL		SPRING	
CMPT 120 Introduction to Programming	4 cr	CMPT 220 Software Development I	4 cr
MATH 130 Introduction to Statistics	3 cr	CMPT 230 Software Systems and Analysis	4 cr
BUS 100 Intro to Business and Management	3 cr	MATH 205 Discrete Math I	4 cr
ENG 120 Writing for College	3 cr	FYS 101 First-Year Seminar	4 cr
PHIL 101 Philosophical Perspectives	3 cr		
	16 cr		16 cr

SOPHOMORE YEAR

FALL		SPRING	
CMPT 306 Data Communications and Networks	4 cr	MATH 241 Calculus I	4 cr
CMPT 221 Software Development II	4 cr	CMPT 307 Internetworking	4 cr
CMPT 308 Database Management	4 cr	CMPT 330 System Design	4 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
CMPT 422 Computer Org. & Architecture	4 cr	CMPT 435 Algorithm Analysis & Design	4 cr
Concentration elective	4 cr	Concentration elective	3-4 cr
PHYS 211 General Physics I	3 cr	Core/electives	7-8 cr
Core/LS	3 cr		
	14 cr		15 cr

SENIOR YEAR

FALL		SPRING	
CMPT 305 Technology, Ethics, and Society	3 cr	CMPT 476 CS Project II	1 cr
CMPT 475 CS Project I	3 cr	Concentration elective	4 cr
Core/LS	9 cr	Core/Electives/Internship	9 cr
	15 cr		14 cr

Total Core/Liberal Studies Requirement	40 cr
4.0 Electives	35 cr
Total Credit Requirement for Graduation	120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN CRIMINAL JUSTICE

FRESHMAN YEAR

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	CRJU 202 Criminology	3 cr
PHIL 101 Philosophical Perspectives	3 cr	Core/LS History	3 cr
ENGL 120 Writing for College	3 cr	Core/LS Fine Arts	3 cr
CRUJ 101 Intro to Criminal Justice	3 cr	CRJU 235 Corrections & Penolgoy	3 cr
CRJU 230 Policing in America	3 cr	Core/ LS Literature	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
CRJU 302 Criminal Courts	3 cr	CRJU 306 Crim Law & Proc	3 cr
Elective	3 cr	CRJU Elective	3 cr
Elective	3 cr	MATH 130 Intro To Statistics	3 cr
Elective	1 cr	Elective	3 cr
Core/LS Science	3 cr	Core/LS Pathwa	3 cr

DATA SCIENCE AND ANALYTICS

JOSEPH KIRTLAND , PhD,Chairperson, Dept. of Mathematics
MATTHEW A. JOHNSON , M.S.,

Credit Requirement in Distribution: Breadth		21 cr	
Pathway**			
Courses addressing an interdisciplinary topic		12 cr	
Total Credit Requirement for Core / Liberal Studies			40 cr
4.0 General electives and/or Internships	11-10 cr		
Total Credit Requirement for Graduation			120 cr

** Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN DATA SCIENCE AND ANALYTICS

FRESHMAN YEAR

FALL		SPRING	
CMPT 120 Introduction to Programming	4 cr	MATH 242 Calculus II	4 cr
MATH 241 Calculus I	4 cr	CMPT 220 Software Development I	4 cr
DATA 220 Introduction to Data Analysis	4 cr	PHIL 101 Philosophical Perspectives	3 cr
FYS 101 First-Year Seminar	4 cr	ENG 120 Writing for College	3 cr
	16 cr		14 cr

SOPHOMORE YEAR

FALL		SPRING	
MATH 243 Calculus III	4 cr	CMPT 435 Algorithm Analysis & Design	4 cr
MATH 205 Discrete Mathematics	4 cr	DATA 300 Data Visualization	3 cr
CMPT 308 Database Management	4 cr	MATH 210 Linear Algebra	4 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		14 cr

JUNIOR YEAR

FALL		SPRING	
MATH 330 Probability & Statistics	3 cr	DATA 450 Machine Learning	4 cr
Major elective	3-4 cr	CMPT 305 Data & Information Mgmt	4 cr
Core/LS	3 cr	MATH 331 Applied Statistics	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr		
	15-16 cr		14 cr

SENIOR YEAR

FALL		SPRING	
DATA 450 Data Mining & Predictive Analytics	3 cr	DATA 477 Data Science Project (caps)	3 cr
Major elective	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Elective/ Internship	7-6 cr
Elective/ Internship	4 cr		
	16 cr		16-15 cr

REQUIREMENTS FOR A MINOR IN SCIENCE IN DATA SCIENCE AND ANALYTICS

CMPT 120 Introduction to Programming	4 cr
MATH 241 Calculus I	4 cr
DATA 220 Introduction to Data Analysis	4 cr
DATA 300 Data Visualization	3 cr
DATA 450 Data Mining & Predictive Analytics	3 cr
Total Credit Requirement for a Minor in Data Science	18 cr

ECONOMICS

ANN DAVIS, Ph.D.,Chairperson

MISSION AND OBJECTIVES:
The mission of the economics program is to complement students' liberal arts education with a thorough understanding of economics and its use in applied elds as monetary, international, and environmental economics within a supportive, interactive, and personalized learning environment. This program prepares studen entry-level positions in business, nonpro t organizations, and government and for graduate study in economics, business, and law.

The objectives of the program of study in economics for the student are:

(1) to understand the market economy and its behavior, growth, and stability in a broad conceptual framework for the identi cation of economic issues and analysis of economic conditions as related to business and society to guide policy;
(2) to develop analytical skills and comprehend quantitative techniques in order to apply them to the analysis of economic activities and their uctuations to infer a foresee economic relationships and trends;
(3) to develop a critical understanding of diverse perspectives in the rapidly changing global economy;
(4) to develop an understanding of the ethical issues that arise in the formation of economic policy;
(5) to develop communication skills through both written and oral presentation.

The Economics Major (30 credits)

The major in Economics provides both a theoretical foundation and an exposure to the application of economic theory.

Theoretical Foundation (12 credits)

ECON 103 Principles of Microeconomics	3 cr
ECON 104 Principles of Macroeconomics	3 cr
ECON 303 Intermediate Microeconomic Theory	3 cr
ECON 304 Intermediate Macroeconomic Theory	3 cr

Application of Theory (15 credits)

The student selects ve courses from the various applied courses in economics. These courses are in areas such as Environmental Economics, Labor Econ Financial Markets and Institutions, Economic Development, Quantitative Methods in Economics and Business, Public Finance, Money and Banking, Internatio Financial Policies and Issues, and International Economics.

The Integrative Capping Course (3 credits)

This course requires signi cant research, scholarly writing, and oral presentation of a major topic in economics that integrates the students' study of economics their study of the broader liberal arts.

ECON 477 Contemporary Economic Issues	3 cr

The Technical and Analytical Foundation (12-13 credits)

The following courses provide the economics major with the tools needed for economic analysis:

CMPT 103 Technology for the 21st Century	3 cr
MATH 130 Introductory Statistics I	3 cr
MATH 115 Calculus with Management Applications OR	
MATH 241 Calculus I	3-4 cr

SUMMARY OF REQUIREMENTS FOR A BACHELOR OF ARTS IN ECONOMICS

Note: A minimum of 90 credits in Liberal Arts is required.

1.0	Course Requirements in Economics		
	Theoretical Foundation	12 cr	
	Application of Theory	15 cr	
	Integrative Capping Course	3 cr	
Credit Requirement in Economics			30 cr
2.0	Course Requirements in Related Fields		
	CMPT 103 Technology for the 21st Century	3 cr	
	MATH 130 Introductory Statistics I	3 cr	
	MATH 115 Calculus with Management Applications OR		
	MATH 241 Calculus I	3-4 cr	
Credit Requirement in Related Fields			9-10 cr

3.2	DISTRIBUTION		
	Breadth		
	PHIL 101 Philosophical Perspectives	3 cr	
	Ethics, Applied Ethics, or Religious Studies	3 cr	
	Fine Arts	3 cr	
	History	3 cr	
	Literature	3 cr	
	Mathematics	0 cr	(ful lled by major eld req.)
	Natural Science	3 cr	
	Social Science	0 cr	(ful lled by major eld req.)
			18 cr
	Pathway*		12 cr
	Courses addressing an interdisciplinary topic.		
Total Core/Liberal Studies Requirement			37 cr
4.0	Electives		43-44 cr
Total Credit Requirement for Graduation			120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

REQUIREMENTS FOR A MINOR IN ECONOMICS

Introductory-Level Courses		
ECON 103 Principles of Microeconomics	3 cr	
ECON 104 Principles of Macroeconomics	3 cr	
MATH 130 Introductory Statistics I	3 cr	
MATH 115 Calculus with Management Applications OR		
MATH 241 Calculus I	3-4 cr	
		12-13 cr
Upper-Level Courses		
ECO443 Intermediate Microeconomic Theory	3 cr	
ECO444 Intermediate Macroeconomic Theory	3 cr	
Two courses from the following:	6 cr	
ECON 305 Environmental Economics		
ECON 310 Labor Economics		
ECON 315 Money and Banking		
ECON 320 Quantitative Methods in Economics and Business		
ECON 321 Public Finance		
ECON 340 Economic Development: Towards Global Equality		

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SOPHOMORE YEAR

FALL		SPRING	
ECON 303 Intermediate Microeconomics	3 cr	ECON 304 Intermediate Macroeconomics	3 cr
MATH 130 Introductory Statistics	3 cr	Core/LS Distribution	3 cr
Core/LS Distribution	3 cr	Core/LS Distribution	3 cr
Core/LS Distribution	3 cr	Elective (liberal arts)	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
Economics Elective	3 cr	Economics Elective	3 cr
Core/LS Distribution	3 cr	Economics Elective	3 cr
Core/LS Distribution	3 cr	Elective (liberal arts)	3 cr
Elective (liberal arts)	3 cr	Elective (liberal arts)	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
Economics Elective	3 cr	ECON 477 Contemporary Economic Issues	3 cr
Economics Elective	3 cr	Core/LS Distribution	3 cr
Core/LS Distribution	3 cr	Elective (liberal arts)	3 cr
Elective (liberal arts)	3 cr	Elective (liberal arts)	3 cr
Elective	3 cr	Elective	2 cr
	15 cr		14 cr

EDUCATION

EDWARD J. SULLIVAN , Ed.D.,Associate Dean for Teacher Education

MISSION:
Preparing re ective professionals who think critically and work collaboratively to help all students learn.
The teacher education programs are designed to develop re ective professionals. The programs of study integrate a strong liberal arts foundation with research-vali
pedagogical knowledge. As members of a community of learners, candidates are expected to master the personal and professional knowledge, skills, and dispo
needed to teach and assess students within the full range of individual abilities, to evaluate and improve teaching, to develop creative standards-based curricul
to contribute as effective teachers and leaders in their schools and communities. The roles of research and technology and the importance of critical thinking, cre
problem solving, and multicultural and global perspectives are emphasized.

GENERAL DESCRIPTION AND REQUIREMENTS

Marist College offers New York State approved and registered undergraduate programs leading to initial certi cation in the following elds and continues to upda
programs to maintain compliance with New York State teacher education requirements. Marist College is accredited (through 2020) under the National Council
Accreditation of Teacher Education (NCATE) Standards through the CAEP Accreditation System. Marist College will seek accreditation under the Council for t
Accreditation of Educator Preparation (CAEP) Standards in spring 2020. Formed in 2013, CAEP is the single specialized accreditor for educator preparation,
administers NCATE accreditation.

Childhood Education/Students with Disabilities 1-6 (dual certi cation only). The program of study leading to dual certi cation in Childhood Education/Students with Disabilities (1-6) prepares graduates to teach in the general childhood education classrooms and in a variety of settings serving students with special educati
needs. All dual certi cation candidates major in psychology. The psychology major provides a comprehensive understanding of human behavior and speci ca
emphasizes the physical, cognitive, social, and emotional development of children for successful learning in grades one through six.

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History	0 cr	(ful lled by major eld req.)
Literature	3 cr	
Mathematics	0 cr	(ful lled by major eld req.)
Natural Science	3 cr	
Social Science	0 cr	(ful lled by major eld req.)
	15 cr	
Pathway*	12 cr	
Courses addressing an interdisciplinary topic.		
Total Core/Liberal Studies Requirement	34 cr	
4.0 Electives	0-3 cr	
Total Credit Requirement for Graduation	121 cr	

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requireme See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED PROGRAM SEQUENCE FOR PSYCHOLOGY MAJORS PURSUING DUAL CERTIFICATION

FRESHMAN YEAR (Same for Fall or Spring Student Teaching)

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	PSYC 101 Intro to Psychology	3 cr
PHIL 101 Philosophical Perspectives	3 cr	HIST 218 Hist & Cult Hudson Valley OR	3 cr
ENG 120 Writing for College	3 cr	HIST 220 The Empire State	
EDUC 101 Foundations of Ed	3 cr	MATH 130 Introduction to Statistics	3 cr
Core/LS	3 cr	Core/LS	3 cr
		Core/LS	3 cr
	16 cr	EDUC 091 Fieldwork In Ed	0 cr
			15 cr

OPTION I – FALL STUDENT TEACHING

SOPHOMORE YEAR

FALL		SPRING	
PSYC 207 Exceptional Child	3 cr	EDUC 350 Teach of Lang Arts	3 cr
PSYC 208 Educational Psychology	3 cr	PSYC 350 Research Methods	4 cr
PSYC 317 Child Development	3 cr	PSYC 362 Measurement & Evaluation	3 cr
EDUC 150 Learning Through Technology	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		16 cr

JUNIOR YEAR

FALL		SPRING	
EDUC 351 Lit, Lrn & Art in Social Studies	3 cr	EDUC 352 Assess & Rem of Reading & Writ	3 cr
PSYC 301, 302, 303, 304, 305 (Choose One)	4 cr	EDUC 241 Math Elem Teach/Methods	3 cr
PSYC 372 Psychoeducational Assessmt	3 cr	EDUC 242 Science Elem Teach/Methods	3 cr
EDUC 373 Princ Tchg Stu w/Spec Needs	3 cr	EDUC 374 Curric Stat Stud w/Spec Needs	3 cr
EDUC 376 Behavior Management	3 cr	Core/LS, Elective or Abroad Attachment	3 cr
		PSYC 479 PSYC Seminar	1 cr
		EDUC 243 and EDUC 244 substitute for	
		EDUC 241 and EDUC 242	
	16 cr		16 cr

SENIOR YEAR

FALL		SPRING	
EDUC 462 Student Teaching	12 cr	PSYC 478 Capping	3 cr
		Core/LS or Elective (Ethics)	3 cr
		Core/LS or Elective	3 cr
		Core/LS or Elective	3 cr
		Core/LS	3 cr
	12 cr		15 cr

OPTION II – SPRING STUDENT TEACHING

SOPHOMORE YEAR

FALL		SPRING	
PSYC 207 Exceptional Child	3 cr		
	___		___
	___		___
	___		___

EDUC 420 – 428 Methods of Teaching (content) in Secondary Schools**	3 cr
EDUC 464 Student Teaching in the Secondary Schools	12 cr
Foreign Language***	3-6 cr

*With the exception of Student Teaching (P/F), a grade of C+ or better is required in all courses in this certi cation sequence.

**Course pre x is same as content major.

*** Six credits at the elementary level or three credits at the intermediate level satisfy the state foreign-language requirement for teacher certi cation and may ful lled by AP courses.

Credit Requirement in Certi cation Sequence

ENG 270 Classics of Western Literature I
ENG 271 Classics of Western Literature II
ENG 180 Literary Study
ENG 222 Introduction to Professional Writing OR
ENG 280 Introduction to Creative Writing

1.2	Upper-Level Distribution (all courses at 300 level or higher) (Must be chosen in consultation with academic advisor) Any six literature courses of 300-level or above, including at least one of each of the following: 1 ethnic, global, or foreign language literature course 1 junior/senior research seminar	18 cr
1.3	Theory Course at the 300-level or higher	3 cr
1.4	Writing Electives 2 writing courses at the 300-level or higher, of which one may be a three-credit interns	6 cr

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REQUIREMENTS FOR A BACHELOR OF ARTS IN ENGLISH

Concentration in Writing

Note: A minimum of 60 credits in Liberal Arts is required.

1.0

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requireme See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements

REQUIREMENTS FOR A BACHELOR OF ARTS IN ENGLISH

Concentration in Theatre

Note: A minimum of 60 credits in Liberal Arts is required.

1.0	Major Foundation Courses:	12 cr	
	ENG 270 Classics of Western Literature		
	ENG 150 Introduction to Theatre		
	ENG 180 Literary Study		
	ENG 185 Writing as a Discipline		
1.2	Course Requirements in sophomore, junior, and senior year are:		
	Ten courses selected as follows:		
	Five Theatre Arts Courses:	15 cr	
	ENG 227 Acting I		
	ENG 229 Theatre Practicum (one credit, may be taken up to three times for a total of three credits)		
	ENG 241 Acting II		
	ENG 310 Playwriting Workshop		
	ENG 349 Acting III		
	ENG 350 Directing		
	ENG 451 Theatre Workshop		
	Appropriate Special-Topics Course		
	Five Dramatic Literature Courses:	15 cr	
	ENG 325 Shakespeare		
	AND		
	Four of the following:		
	ENG 320 English Drama I		
	ENG 321 English Drama II		
	ENG 340 American Drama I		
	ENG 341 American Drama II		
	ENG 355 History of the Modern Theatre		
	ENG 363 Modern Drama		
	Appropriate Special-Topics Course		
1.3	Capping Course	3 cr	
	ENG 477		
Credit Requirement for the Concentration in Theatre			45 cr

Notes: (a) A student may substitute ENG 497 Internship in English Theatre for one upper-level Theatre Arts or Dramatic Literature course.
(b) A student may substitute a maximum of one 3-credit course in Independent Research for a required upper-level course.
(c) A student may apply a maximum of one appropriate literature-in-translation course toward an upper-level Dramatic Literature requirement.

2.0	Courses Required in Related Fields: Foreign Language:		
	Two courses at the elementary level or one course		
	at the intermediate level or above		3-6 cr
Total Credit Requirement for a Major in English			48-51 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	FYS 101 First Year Seminar	4 cr	
	ENG 120 Writing for College	3 cr	
			7 cr
3.2	DISTRIBUTION		
	Breadth		
	PHIL 101 Philosophical Perspectives	3 cr	
	Ethics, Applied Ethics, or Religious Studies	3 cr	

JUNIOR YEAR

FALL		SPRING	
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS or elective or minor	3 cr
Upper Level	3 cr	Upper Level	3 cr
Upper Level	3 cr	Upper Level	3 cr
Elective or minor	3 cr	Elective or minor	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
Core/LS or minor	3 cr	ENG 477 English Capping	3 cr
Core/LS or elective or minor	3 cr	Upper Level	3 cr
Elective or minor	3 cr	Core/LS or minor	3 cr
Upper Level	3 cr	Elective or minor	3 cr
English Elective	3 cr	Elective or minor	2 cr
	15 cr		14 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN ENGLISH (THEATRE)

FRESHMAN YEAR

FALL		SPRING	
	___		___
	___		___
	___		___
	___		___
	___		___

SOPHOMORE YEAR

FALL		SPRING	
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Foreign Language	3 cr	Foreign Language	3 cr
Upper Level Literature	3 cr	Upper Level Workshop	3 cr
Writing Foundation	3 cr	Writing Foundation	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS or elective or minor	3 cr
Upper Level Workshop	3 cr	Upper Level Workshop	3 cr
Upper Level Literature or Theory	3 cr	ENG 490 or Internship	3 cr
Elective or minor	3 cr	Elective or minor	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
Core/LS or minor	3 cr	ENG 477 English Capping	3 cr
Core/LS or elective or minor	3 cr	Upper Level Literature or Theory	3 cr
Elective or minor	3 cr	Core/LS or minor	3 cr
Upper Level Literature or Theory	3 cr	Elective or minor	3 cr
Upper Level Workshop	3 cr	Elective or minor	2 cr
	15 cr		14 cr

ENVIRONMENTAL SCIENCE & POLICY

ZOFIA GAGNON , Ph.D.,Chair

MISSION:

The mission of the Department of Environmental Science & Policy is to educate students to become professionals who understand and solve environmental prob and, more broadly, to create a Marist College student body with a high level of environmental consciousness. The demands upon Earth's natural resources an support systems increase each year as human population and consumption levels increase. Our ability to cope with such demands requires that we educate mor population about environmental resources, problems, and solutions. Consequently, the Department educates majors to become knowledgeable, skilled professiona educates non-majors to become highly responsible environmental citizens. Majors also are prepared for advanced courses and research in graduate programs.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE, ASSESSMENT CONCENTRATION

Note: A minimum of 60 credits in Liberal Arts is required.

1.0 Course Requirements in Environmental Science

ENSC 101	Intro to Environmental Issues	3 cr
ENSC 125	Field and Lab Experience	1 cr
ENSC 202	Environmental Politics and Policy	3 cr
ENSC 210	Intro to Geology	3 cr
ENSC 212	Intro to Geology Laboratory	1 cr
ENSC 230	Intro to GIS	3 cr
ENSC 308	Introduction to Occupational Safety & Health	3 cr
ENSC 310	Environmental Chemistry	3 cr
ENSC 309	Environmental Chemistry Laboratory	1 cr
ENSC 360	Ecology	4 cr
ENSS 380	Environmental Assessment	3 cr
ENSC 404	Environmental Toxicology	4 cr
ENSC 415	Environmental Science Seminar	1 cr
ENSC 425	Environmental Law	3 cr
ENSC 426	Environmental Investigation & Remediation	3 cr
ENSC 440	Research I OR	
ENSC 398	Internship I	3 cr
ENSC 477	Environmental Science & Human Values (Capping)	3 cr

Credit Requirement in Environmental Science 45 cr

2.0 Course Requirements in Related Fields

BIOL 130	General Biology I	4 cr
BIOL 131	General Biology II	4 cr
BIOL 211	Plant Biology	4 cr
CHEM 131	General Chemistry I	4 cr
CHEM 132	General Chemistry II	4 cr
CHEM 201	Intro to Organic Chemistry	3 cr
CHEM 202	Intro to Organic Chemistry Laboratory	1 cr
MATH 130	Intro to Statistics I	3 cr
MATH 241	Calculus I	4 cr
POSC 110	American National Government	3 cr
		34 cr

Related Field Electives:

Must select two additional courses from the following:

BUS 380	Business Law I	3 cr
ENSC 305	Environmental Economics	3 cr
ENSC 306	Environmental Health	3 cr
ENSC 315	Natural History of the Hudson Valley	3 cr
ENSC 327	Freshwater Ecology	3 cr
ENSC 330	Advanced GIS	3 cr
ENSC 340	Epidemiology	3 cr
ENSC 420	Environmental Planning	3 cr
PHYS 201	College Physics I	3 cr
POSC 240	Intro to Public Policy	3 cr
		7 cr

Credit Requirement in Related Fields 30 cr

Total Credit Requirement for a Major in Environmental Science & Policy, Assessment Concentration 86 cr

3.0 Core/Liberal Studies Requirements

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3.2	DISTRIBUTION				
	Breadth				
	PHIL 101 Philosophy	3 cr			
	Ethics, Applied Ethics, or Religion	3 cr			
	Fine Arts	3 cr			
	History	3 cr			
	Literature	3 cr			
	Mathematics	0 cr	(ful lled by major req)		
	Natural Science	0 cr	(ful lled by major req)		
	Social Science	0 cr	(ful lled by major req)		
			15 cr		
	Pathway*			12 cr	
	Courses addressing an interdisciplinary topic.				
3.0	Total Core/Liberal Studies Requirement				34 cr
Total Credit Required for Graduation				120 cr	

*

Related Field Elective Credits (at least 10 credits from the courses below)

BIOL 312 Microbiology	4 cr
BIOL/ENSC 435 Plant Physiology	4 cr
ENSC 306 Environmental Health	3 cr
ENSC 327 Freshwater Ecology	3 cr
ENSC 330 Advanced GIS	3 cr
ENSC 340 Epidemiology	3 cr
ENSC 308 Intro to Occupational Safety and Health	3 cr
ENSC 404 Toxicology	4 cr
ENSC 420 Environmental Planning	3 cr
ENSC 425 Environmental Law	3 cr

ENSC 306 Environmental Health	3 cr	
ENSC 360 Ecology: Principles & Practice	4 cr	
ENSC 380 Principles of Environmental Assessment	3 cr	
ENSC 415 Environmental Science & Policy Seminar	1 cr	
ENSC 420 Environmental Planning	3 cr	
ENSC 425 Environmental Law	3 cr	
ENSC 440 Research I AND		
ENSC 441 Research II OR		
ENSC 398 Internship AND	6 cr	
ENSC 399 Internship		
ENSC 477 Environmental Science and Human Values (Capping)	3 cr	
Credit Requirement in Environmental Science		39 cr

2.0 Course Requirements in Related Fields

BIOL 130 General Biology I	4 cr	
BIOL 131 General Biology II	4 cr	
CHEM 101 Intro to Chemistry	3 cr	
CHEM 102 Intro to Chemistry Lab	1 cr	
MATH 130 Intro to Statistics I	3 cr	
MATH 115 Calculus with Management Principles	3 cr	

CHEM 101 Intro to Chemistry 3 cr 37.196 Microeconom<</ualText<FEFF0009>>> BDC ( )Tj EMC 3 0 Td [(Course r)Tj ET EMC /Span <</L

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i
Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt
areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement
See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

** Not all 200-level courses qualify; consult with advisor.

THREE MINORS:

1) REQUIREMENTS FOR A MINOR IN ENVIRONMENTAL SCIENCE

Required Courses:

BIOL 130 General Biology I	4 cr	
BIOL 131 General Biology II	4 cr	
CHEM 101 Intro to Chemistry AND	3 cr	
CHEM 102 Intro to Chemistry Lab	1 cr	
OR		
CHEM 131 General Chemistry I AND	4 cr	
CHEM 132 General Chemistry II	4 cr	
ENSC 101 Intro to Environmental Issues	3 cr	
ENSC/BIOL 360 Ecology: Principles & Practice	4 cr	
		19-23 cr

Elective Courses (at least six credits from the courses listed below):

ENSC 210 Intro to Geology	3 cr	
ENSC 212 Intro to Geology Lab	1 cr	
ENSC 230 Intro to Geographic Info Systems	3 cr	
ENSC 305 Natural History of the Hudson Valley	3 cr	
ENSC 306 Environmental Health	3 cr	
ENSC 309 Environmental Chemistry Lab[1]	1 cr	
ENSC 310 Environmental Chemistry[1]	3 cr	
ENSC/BIOL 327 Freshwater Ecology	3 cr	
ENSC 380 Principles of Environmental Assessment	3 cr	
ENSC 340 Epidemiology	3 cr	
ENSC 404 Environmental Toxicology	4 cr	
BIOL 211 Plant Biology	4 cr	
BIOL 420 Invertebrate Zoology	4 cr	
BIOL/ENSC 435 Plant Physiology	4 cr	
		6 cr

Total Credit Requirement for a Minor in Environmental Science 25-29 cr

[1] Prerequisite courses required beyond those listed under Required Courses

2) REQUIREMENTS FOR A MINOR IN ENVIRONMENTAL POLICY

Required Courses

ENSC 101 Intro to Environmental Issues[2]	3 cr	
ENSC/POSC 202 Environmental Politics & Policy[2]	3 cr	
ENSC 230 Intro to Geographic Info Systems	3 cr	
ENSC/ECON 305 Environmental Economics[1,2]	3 cr	
ENSC/POSC 420 Environmental Planning[1,2]	3 cr	
ENSC 425 Environmental Law	3 cr	
		18 cr

Electives 3 cr

Options:

a. Choose three elective credits related to the minor with approval of Chair of Environmental Science & Policy

ENSC 210 Intro to Geology	3 cr
ENSC 212 Intro to Geology Lab	3 cr
ENSC 230 Intro to GIS	3 cr
ENSC 306 Environmental Health	3 cr
ENSC 309 Environmental Chemistry[1]	3 cr
ENSC 310 Environmental Chemistry Laboratory[1]	3 cr
ENSC 315 Natural History of Hudson Valley	3 cr
ENSC 327 Freshwater Ecology	3 cr
ENSC 308 Intro to Occupational Safety and Health	3 cr
ENSC 404 Environmental Toxicology	3 cr
BIOL 211 Plant Biology	3 cr

b.

2.0 Course Requirements in Related Fields

ART 160 History of Western Art I OR	
ART 180 History of Western Art II*	3 cr
ART 281 History of Costume	3 cr

Credit Requirement in Related Fields 6 cr

Fashion Design students are strongly encouraged to take additional courses in Art History, particularly ART 366 History of 20th Century Art.

* Minimum grade of C required for: FASH 140, 210, 230, 231, 240, 310, 345, 478, 479, 480

Total Credit Requirement for a Major in Fashion Design 62 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

FYS 101 First Year Seminar	4 cr
ENG 120 Writing for College	3 cr
	7 cr

3.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives	3 cr	
Ethics, Applied Ethics, or Religious Studies	3 cr	
Fine Arts	0 cr	(ful lled by major eld req.)
History	3 cr	
Literature	3 cr	
Mathematics	3 cr	

FASHION MERCHANDISING

RADLEY CRAMER, B.S., Program Director

MISSION:
The Fashion Program builds on the College's strong liberal arts tradition with a curriculum designed to keep pace with the changing needs of the fashion industr
Students develop creative, technical, and business skills that position them for successful employment. Internships are an integral part of the learning experience in
Fashion Program, as is the effective use of technology, incib3dargv

Natural Science	3 cr	
Social Science	0 cr	(ful lled by related eld req.)
Pathway*	12 cr	
Courses addressing an interdisciplinary topic		
Total Core/Liberal Studies Requirements		37 cr
4.0 Electives		22 cr
Total Credit Requirement for Graduation		120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea areas. Although foreign language and culture courses are not required within the Core, courses in these elds may be used to ful ll distribution requirements. the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

** Prerequisite for BUS 320 Financial Management.

RECOMMENDED PROGRAM SEQUENCE BACHELOR OF SCIENCE IN FASHION MERCHANDISING WITH A BUSINESS CONCENTRATION

FRESHMAN YEAR

FALL		SPRING	
FASH 100 Fashion Culture & Commerce	3 cr	FASH 200 Textiles	3 cr
FYS 101 First Year Seminar	4 cr	COM 102 Intro to Communications	3 cr
ENG 120 College Writing	3 cr	ECON 104 Principles of Macroeconomics	3 cr
PHIL 101 Philosophical Perspectives	3 cr	Core Distribution	3 cr
ECON 103 Principles of Microeconomics	3 cr	Core Distribution	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
FASH 265 Principles of Retailing	3 cr	COM 220 Intro to Strategic Advertising	3 cr
FASH 245 Digital Fashion Design I	3 cr	FASH 235 Trend Forecasting	3 cr
Core Distribution	3 cr	FASH 304 Merch Planning & Control	3 cr
Core Distribution	3 cr	Elective	3 cr
Elective	3 cr	Core Distribution	3 cr
FASH 400 Employment Seminar	1 cr		
	16 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
FASH 300 Product Development	3 cr	FASH 381 History of Modern Fashion	3 cr
FASH 355 Buying, Planning Allocation	3 cr	ACCT 204 Managerial Accounting	3 cr
Core Distribution	3 cr	Core Distribution	3 cr
ART 281 History of Costume	3 cr	Core Distribution	3 cr
ACCT 203 Financial Accounting	3 cr	Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
BUS 320 Financial Management	3 cr	FASH 477 Fashion Capping	3 cr
FASH 455 Global Merchandising Strategies	3 cr	BUS 340 Marketing Principles	3 cr
Core Distribution (if needed)	3 cr	Core Distribution (if needed)	3 cr
Elective	3 cr	Electives	3 cr
Elective	3 cr	Electives	3 cr
	15 cr		15 cr

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN FASHION MERCHANDISING WITH PRODUCT DEVELOPMENT CONCENTRATION

Note: A minimum of 60 credits in Liberal Arts is required. This may require utilizing some elective credits.

Project Requirement: Students wishing to enter the Fashion Merchandising major must submit the required project.

1.0 Course Requirements in Fashion Merchandising with a Product Development Concentration	
FASH 100 Fashion in Culture & Commerce	3 cr
FASH 200 Textiles	3 cr
FASH 235 Fashion Trend Forecasting & Analysis	3 cr

	FASH 245 Digital Fashion Design I	3 cr	
	FASH 268 Digital Fashion Design II	3 cr	
	FASH 265 Retailing Principles & Practices	3 cr	
	FASH 300 Product Development	3 cr	
	FASH 304 Merchandise Planning & Control	3 cr	
	FASH 306 Sustainability in Fashion	3 cr	
	FASH 318 Apparel Supply Chain Management	3 cr	
	FASH 325 Private Label Development	3 cr	
	FASH 341 Branding & Licensing	3 cr	
	FASH 381 History of Modern Fashion	3 cr	
	FASH 400 Employment Seminar	1 cr	
	FASH 415 Advanced PDM Software	3 cr	
	FASH 455 Global Merchandising Strategies	3 cr	
	FASH 477 Fashion Product Development Capping	3 cr	
Credit Requirement in Fashion Merchandising with a Product Development Concentration			49 cr
2.0	Course Requirement in Related Fields		
	ART 281 History of Costume	3 cr	
	COM 102 Introduction to Communication	3 cr	
	COM 220 Intro to Strategic Advertising	3 cr	
Credit Requirement in Related Fields			9 cr
Total Credit Requirement for a Major in Fashion Merchandising with a Product Development Concentration			58 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	First Year Seminar	4 cr	
	Writing for College	3 cr	
3.2	DISTRIBUTION		
	Breadth		
	PHIL 101 Philosophical Perspectives	3 cr	
	Ethics, Applied Ethics, or Religious Studies	3 cr	
	Fine Arts	0 cr	(ful lled by related eld req.)
	History	3 cr	
	Literature	3 cr	
	Mathematics	3 cr	
	Natural Science	3 cr	
	Social Science	3 cr	
	Pathway*	12 cr	
	Courses addressing an interdisciplinary topic		
Total Core/Liberal Studies Requirements			40 cr
4.0	Electives		22 cr
Total Credit Requirement for Graduation			120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, courses in these elds may be used to ful ll distribution requirements. See t Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED SEQUENCE FOR A BACHELOR OF SCIENCE IN FASHION MERCHANDISING WITH A PRODUCT DEVELOPMENT CONCENTRATION

FRESHMAN YEAR

FALL		SPRING	
FASH 100 Fashion Culture & Commerce	3 cr	FASH 200 Textiles	3 cr
FYS 101 First Year Seminar	4 cr	FASH 245 Digital Fashion Design	3 cr
ENG 120 College Writing	3 cr	FASH 265 Retailing Principles & Practices	3 cr
PHIL 101 Philosophical Perspectives	3 cr	Core Distribution	3 cr
COM 102 Intro to Communications	3 cr	Core Distribution	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
FASH 268 Digital Fashion Design II	3 cr	FASH 300 Product Development	3 cr
FASH 235 Trend Forecasting	3 cr		
	___		___
	___		___
	___		___

REQUIREMENTS FOR A MINOR IN PRODUCT DEVELOPMENT

Prerequisite: Permission of the Fashion Program Director

The Product Development Minor is available to Fashion Design or Merchandising Majors and provides a foundation in contemporary concepts of apparel indu product development, production, sourcing, branding, licensing, and product data management.

Required courses: (3 credits each)	9 cr
FASH 200 Textiles: Studies & Applications	
FASH 318 Production & Sourcing in the Apparel Industry	
FASH 300 Product Development	
Select three courses (3 credits each) from the following list:	9 cr
FASH 267 Textile Design	
FASH 325 Private Label Development	
FASH 341 Fashion Branding & Licensing	
FASH 379 Knitwear Design	
FASH 415 Advanced Fashion PDM Software	
FASH 455 Global Merchandising Strategies	
Total Credit Requirement for a Minor in Product Development	18 cr

FRENCH

IVETTE ROMERO , Ph.D.,Chairperson
CLAIRE KEITH , Ph.D.,Coordinator

MISSION:
In a global and interdependent world, no education can be considered adequate without the skill of a second language and the ability to consider the perspect other cultures. Used by over 200 million people in more than 50 countries around the world, French is a key language for international communication. It is an of working language at the UN, NATO, UNESCO, the International Olympic Committee, the European Union, the International Red Cross, and numerous NGOs. A dou uency in French and English is a competitive asset in the national and international job market for work in international business, the humanitarian and nonpr sectors, the diplomatic world, the teaching professions, the elds of art history and fashion design, and to meet the requirements of various programs of graduate s In addition, the study of French offers a tradition of inquiry into the meaning, structure, and practice of Language; a history of critical thought, literature, and arts that has shaped the Western tradition; and a window to the rich diversity of African, North American, and Asian cultures that still choose French as a primar secondary mode of expression.

The French Program affords the committed student the following special academic options:
(1) An interdisciplinary track for double majors designed to customize the language knowledge to the student's second eld of study, for maximum professio marketability.
(2) The Marist Abroad Program in Paris, Aix-en-Provence or Marseille, featuring a stay with a French family and opportunity for community service involvemen Programs in Senegal and Morocco are also available.
(3) Secondary school teacher certi cation.
(4) The option to substitute several French courses to ful ll distributive Core/LS requirements in Mathematics, Science, History, or Literature, an arrangement wh facilitates a double major or minor in French.

REQUIREMENTS FOR A BACHELOR OF ARTS IN FRENCH

Note: A minimum of 90 credits in Liberal Arts is required.

1.0	Course Requirements for all French Majors		
	FREN 201 Workshop in Writing	3 cr	
	FREN 202 Workshop in Oral Expression*	3 cr	
	FREN 251 Contemporary France	3 cr	
	FREN 305 Studies In French Film and Literature	3 cr	
	FREN 310 French Grammar and Composition I OR		
	FREN 311 French Grammar and Composition II	3 cr	
			15 cr
2.0	Approved courses in tracks		
	Single Major track		
	FREN 250 French Culture & Thought	3 cr	
	FREN 310 French Grammar and Composition I OR		
	FREN 311 French Grammar and Composition II	3 cr	
	FREN 315 French Literature of Africa and the Caribbean OR		
	FREN 330 Modern Literary Perspective: the 20th and 21st Century	3 cr	
	FREN 345 Interdisciplinary Unit	3 cr	
	FREN 440 French for Current Affairs	3 cr	

One upper-level course in French Literature or Culture OR	3 cr		
FREN 394 Internship in French**			
FREN 477 Capping	3 cr		
		21 cr	
Double Major Track			
FREN 250 French Culture & Thought	3 cr		
FREN 315 French Literature of Africa and the Caribbean OR			
FREN 330 Modern Literary Perspective: the 20th and 21st Century	3 cr		
FREN 345 Interdisciplinary Unit	3 cr		
FREN 440 French for Current Affairs OR			
FREN 394 Internship in French**	3 cr		
FREN 477 Capping	3 cr		
		15 cr	
			15-21 cr
Total Credit Requirement for a Major in French		30-36 cr	
3.0 Core/Liberal Studies Requirements			
3.1 FOUNDATION			
FYS 101 First Year Seminar	4 cr		
ENG 120 Writing for College	3 cr		
		7 cr	
3.2 DISTRIBUTION			
Breadth*			
PHIL 101 Philosophical Perspectives	3 cr		
Ethics, Applied Ethics, or Religious Studies	3 cr		
Fine Arts	3 cr		
History	3 cr		
Literature	0 cr	(fulfilled by major field req.)	
Mathematics	3 cr		
Natural Science	3 cr		
Social Science	3 cr		
		21 cr	
Pathway*		12 cr	
Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement			40 cr
4.0 Electives			44-50 cr
Total Credit Requirement for Graduation			120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related field requirements). Students majoring i
Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadth
areas. Although foreign language and culture courses are not required within the Core, some courses in these fields may be used to fulfill distribution requirement
See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

** Replacing upper level course with FREN 394 requires prior departmental approval for qualifying students.

REQUIREMENTS FOR A MINOR IN FRENCH LANGUAGE STUDIES

FREN 201 Workshop in Writing	3 cr

CMPT 220 Software Development I	4 cr		
CMPT 221 Software Development II	4 cr		
CMPT 230 Software System & Analysis	4 cr		
CMPT 414 Game Design & Programming I	4 cr		
GAME 101 Introduction to Games	3 cr		
GAME 301 Business of Games	3 cr		
GAME 480 Game Studio	3 cr		
GAME 481 Capping	3 cr		
MDIA 103 Digital Toolbox	3 cr		
		35 cr	
Select any three, in any combination			
GAME 201 Colloquium in Games (can be taken 3 times)			
GAME 202 Lab Practicum in Games (can be taken 3 times)			
CRDV 100 Employment Practicum			
		3 cr	
Select one from the following:		4 cr	
CMPT 306 Data Comm & Networks			
CMPT 308 Data Management			
Select three from the following:		10-12 cr	
CMPT 330 System Design			
CMPT 404 Arti cial Intelligence			
CMPT 415 Game Design & Programming II			
CMPT 435 Algorithms Analysis and Design			
CMPT 460 Computer Graphics			
GAME 401 Human Computer Interaction			
Select 7-9 credits from the following:		7-9 cr	
MDIA 101 Introduction to Media Studies			
MDIA 110 Intro to Design			
MDIA 201 Writing for Media			
MDIA 203 Video Production			
MDIA 210 Interactive Media I			
MDIA 302 Editing			
MDIA 304 Audio Production			
MDIA 310 Interactive II			
MDIA 311 Media Theory and Methods			
MDIA 312 Online Culture			
MDIA 313 Storytelling Across Media			
MDIA 314 Game Design I			
MDIA 316 Ethics and Gaming			
MDIA 320 History of Electronic Media			
MDIA 410 Game Design II			
MDIA 411 Topics in Interactive Media			
MDIA 431 3D Modeling and Visualization			
MDIA 432 Animation			
GAME 401 Human Computer Interaction			
Credit Requirements in Games & Emerging Media		61 cr	
2.0 Course Requirements in Related Fields			
MATH 205 Discrete Math	4 cr		
PHYS 211 General Physics I	3 cr		
Credit Requirement in Related Fields		7 cr	
Total Credit Requirement for a Major in Games & Emerging Media			68 cr
3.0 Core/Liberal Studies Requirements			
3.1 FOUNDATION			
FYS 101 First Year Seminar	4 cr		
ENG 120 Writing for College	3 cr		
			7 cr

3.2	DISTRIBUTION			
	Breadth			
	PHIL 101 Philosophical Perspectives	3 cr		
	Ethics, Applied Ethics, or Religious Studies	3 cr		
	Fine Arts	3 cr		
	History	3 cr		
	Literature	3 cr		
	Mathematics	0 cr	(ful lled by related eld req.)	
	Natural Science	0 cr	(ful lled by related eld req.)	
	Social Science	3 cr		
			18 cr	
	Pathway*		12 cr	
	Courses addressing an interdisciplinary topic			
Total Core/Liberal Studies Requirement				37 cr
4.0	Electives			15 cr
	Includes 6 credits of Internship			
Total Credit Requirement for Graduation				120 cr

SUMMARY OF REQUIREMENTS FOR A BACHELOR OF SCIENCE IN GAMES & EMERGING MEDIA: CONCENTRATION IN DESIGN, WRITING AND CULTURE

Note: A minimum of 60 credits in Liberal Arts is required.

1.0	Course Requirements in Games & Emerging Media			
	CMPT 120 Introduction to Programming	4 cr		
	GAME 101 Introduction to Games	3 cr		
	GAME 301 Business of Games	3 cr		
	GAME 480 Game Studio	3 cr		
	GAME 481L Capping	3 cr		
	MDIA 103 Digital Toolbox	3 cr		
	MDIA 201 Writing for Media	3 cr		
	MDIA 210 Interactive Media I	3 cr		
	MDIA 314 Game Design I	3 cr		
	MDIA 316 Ethics and Gaming	3 cr		
				31 cr
	Select any three, in any combination:		3 cr	
	GAME 201 Colloquium in Games (can be taken 3 times)	1 cr		
	GAME 202 Lab Practicum in Games (can be taken 3 times)	1 cr		
	CRDV 100 Employment Practicum	1 cr		
	Select six from the following:		18-19 cr	
	MDIA 101 Introduction to Media Studies			
	MDIA 110 Intro to Design			
	MDIA 203 Video Production			
	MDIA 302 Editing			
	MDIA 304 Audio Production			
	MDIA 310 Interactive II			
	MDIA 311 Media Theory and Methods			
	MDIA 312 Online Culture			
	MDIA 313 Storytelling Across Media			
	MDIA 320 History of Electronic Media			
	MDIA 410 Game Design II			
	MDIA 411 Topics in Interactive Media			
	MDIA 431 3D Modeling and Visualization			
	MDIA 432 Animation			
	GAME 401 Human Computer Interaction			
	Select 15-16 credits from the following:		15-16 cr	
	CMPT 220 Software Development I			
	CMPT 221 Software Development II			
	CMPT 230 Software System & Analysis			
	CMPT 414 Game Design & Programming I			
	CMPT 306 Data Comm & Networks			
	CMPT 308 Data Management			
	CMPT 330 System Design			

Music
Music 226 Music Cultures of the World

Philosophy
PHIL 301 Environmental Ethics
PHIL 325 Contemporary Continental Philosophy
PHIL 340 Marx and Marxism

Political Science

REQUIREMENTS FOR A BACHELOR OF ARTS IN HISTORY

Note: A minimum of 90 credits in Liberal Arts is required.

1.0 Course Requirements in History

HIST 226 American History to 1877	3 cr
HIST 227 American History since 1877	3 cr
HIST 477 Capping Course	3 cr
CMPT 103 Technology for the 21st Century	3 cr
Two courses from:	6 cr
HIST 248 Medieval Europe	
HIST 249 Early Modern Europe	
HIST 252 Modern Europe	
Three courses from:	9 cr
HIST 276 Modern Caribbean	
HIST 241 Modern Sub-Saharan	
HIST 242 Introduction to African Diaspora Studies	
HIST 267 Women In Asia	
HIST 268 Traditional Asia	
HIST 269 Modern Asia	
HIST 270 Traditional China	
HIST 271 Modern China	
HIST 273 Colonial Cryptocurses from:	

IText<FEFF0003><</BDC 3 (r)Tj EMC ET EMC /urses from:

HIST 226 American History to 1877 <</182.1492t12 ET EMC T9900025.6063.7001 Ta8(> BDC 8 0 0 8 45637.8 (o cT40)C 8 0 0 8 45 593.7001 Tm

EDUC 420 Methods of Teaching in Secondary Schools	3 cr	
EDUC 464 Student Teaching in the Secondary Schools	12 cr	
Foreign Language***	3-6 cr	

* With the exception of Student Teaching (P/F), a grade of C+ or better is required in all courses in this certi cation sequence.

*** Six credits at the elementary level or three credits at the intermediate level satisfy the state foreign-language requirement for teacher certi cation and may ful lled by AP courses.

Credit Requirement in Certi cation Sequence		40-43 cr
3.0 Core/Liberal Studies Requirements		
3.1 FOUNDATION		
FYS 101 First Year Seminar	4 cr	
ENG 120 Writing for College	3 cr	
		7 cr
3.2 DISTRIBUTION		
Breadth		
PHIL 101 Philosophical Perspectives	3 cr	
Ethics/ <</La2C// be DISTRIB		

SENIOR YEAR

FALL		SPRING	
HIST 477	3 cr	HIST 413 or HIST 497	3 cr
HIST Elective (300 level)	3 cr	Core/LS	3 cr
Core/LS	3 cr	HIST 413 or HIST 497	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	2 cr
	15 cr		14 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN HISTORY/ ADOLESCENCE EDUCATION

FRESHMAN YEAR

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	HIST 226, 227, 248, 249 or 252	3 cr
ENG 120 Writing for Colle(g)]TJ /Span<</ActualText<FEFF0009>>> BDC ( )Tj EMC 23.223 0 Td (3 cr)Tj /Span<</ActualText<FEFF00090009>>> BDC ( )Tj			
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Business–Economics	6 cr
Behavioral Science	6 cr
Political Science	6 cr
Math–Computer Science	6 cr

REQUIREMENTS FOR A MINOR IN HISTORY

HIST 248, HIST 249, or HIST 252	3 cr	
HIST 226 American History to 1877	3 cr	
HIST 227 American History since 1877	3 cr	
Two of the following:		
HIST 242, HIST 267, HIST 268, HIST 269, HIST 270, HIST 271, HIST 273, HIST 274, HIST 280, HIST 318, HIST 355, HIST 375 (or another non-US, non-European history class to be approved by Chairperson)	6 cr	
Any two HIST courses	6 cr	
Total Credit Requirement for a Minor in History		21 cr

HONORS IN CORE/LIBERAL STUDIES

CAROLYN RINGER LEPRE , Ph.D.,Director

The Marist Honors Program has as its mission developing scholars, leaders and global citizens. In keeping with the overall mission of the College, which espo an ideal dedicated to helping students develop the intellect, character, and skills required for enlightened, ethical, and productive lives in the global community o 21st century, Marist's Honors Program will provide opportunities for academic excellence, leadership, cultural enrichment, and global engagement. The Program o outstanding students in all majors a variety of learning experiences in and outside the academic setting. Honors seminars and co-curricular activities, such as eld and lectures, bring together talented students who seek a more intensive and extensive educational experience. Promoting the adventure of intellectual pursui Program challenges students to achieve their academic potential while they develop as responsible citizens and leaders in an increasingly culturally complex w A participating student who successfully completes all of the requirements will receive an Honors certi cate, a medallion to be worn at Commencement, and spe recognition on his or her college transcript. Students interested in admission should contact the Program Director.

REQUIREMENTS FOR HONORS IN CORE/LIBERAL STUDIES

All students must take a minimum of 18 credit hours of Honors coursework to successfully complete this program of study.

1.0	Foundation Year courses:		7 cr
	FYSH 101 Honors First-Year Seminar	4 cr	
	ENGH 120 Honors Writing for College	3 cr	
1.1	Selection of one of the four Honors Seminars:		3 cr
	HONR 360/361 Honors Seminar in Philosophical & Moral Foundations	3 cr	
	HONR 370/371 Honors Seminar in Scienti c & Quantitative Analysis	3 cr	
	HONR 380/381 Honors Seminar in Expression & Creativity	3 cr	
	HONR 390/391 Honors Seminar in Individual & Society	3 cr	
1.2	Selection of one of the four Honors Civic & Service Learning Seminars:		3 cr
	HONR 365/366 Honors Seminar in Philosophical & Moral Foundations	3 cr	
	HONR 375/376 Honors Seminar in Scienti c & Quantitative Analysis	3 cr	
	HONR 385/386 Honors Seminar in Expression & Creativity	3 cr	
	HONR 395/396 Honors Seminar in Individual & Society	3 cr	
1.3	Honors-by-contract requirement:		4 cr
	HONR 401 Honors-by-Contract	1 cr*	
1.4	Research requirements:		4 cr
	HONR 420 Honors Thesis Project	3 cr	
	HONR 495 Honors Senior Seminar	1 cr	
Total Credit Requirements for Honors in Core/Liberal Studies			21 cr

*The credit hour will be linked to an existing non-honors course.

	CMPT 221 Software Development II	4 cr
	CMPT 230 Software Systems and Analysis	4 cr
	CMPT 306 Data Communications and Networks	4 cr
	CMPT 308 Database Management	4 cr
	CMPT 307 Internetworking	4 cr
	CMPT 321 Architecture of Hardware and System Software	3 cr
	CMPT 330 System Design	4 cr
	CMPT 410 Systems Administration	4 cr
	CMPT 420 Internet Security	4 cr
	CMPT 430 Technology Entrepreneurship	3 cr
	CMPT 477 ITS Project I	3 cr
	CMPT 478 ITS Project II	1 cr
	Platform technology elective*	3-4 cr
	ITS Upper-level electives **	6-8 cr
2.0	Course Requirements in Related Fields	
	BUS 100 Introduction to Business and Management	3 cr
	MATH 130 Introduction to Statistics	3 cr
	MATH 205 Discrete Math I	4 cr
	MATH 241 Calculus I	4 cr

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY AND SYSTEMS

Concentration in Information Systems

Note: A minimum of 60 credits in Liberal Arts is required.

1.0	Course requirements in Major Field		
	CMPT 120 Introduction to Programming	4 cr	
	CMPT 220 Software Development I	4 cr	
	CMPT 221 Software Development II	4 cr	
	CMPT 230 Software Systems and Analysis	4 cr	
	CMPT 306 Data Communications and Networks	4 cr	
	CMPT 308 Database Management	4 cr	
	CMPT 307 Internetworking	4 cr	
	CMPT 321 Architecture of Hardware and System Software	3 cr	
	CMPT 330 System Design	4 cr	
	CMPT 428 Data and Information Management	4 cr	
	CMPT 460 Decision Support and Business Intelligence Systems	4 cr	
	CMPT 477 ITS Project I	3 cr	
	CMPT 478 ITS Project II	1 cr	
	CMPT Upper-level electives *	3-4 cr	
2.0	Course Requirements in Related Fields		
	ACCT 203 Financial Accounting	3 cr	
	BUS 100 Introduction to Business and Management	3 cr	
	BUS 340 Marketing Management	3 cr	
	ECON 103 Principles of Microeconomics OR		
	ECON 104 Principles of Macroeconomics	3 cr	
	MATH 130 Introduction to Statistics	3 cr	
	MATH 205 Discrete Math	4 cr	
	MATH 241 Calculus I	4 cr	
Total Credit Requirement for a Major in ITS/Information Systems			73-74
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	FYS 101 First Year Seminar	4 cr	
	ENG 120 Writing for College	3 cr	
			7 cr
3.2	DISTRIBUTION		
	Breadth		
	PHIL 101 Philosophical Perspectives	3 cr	
	Ethics: CMPT 305 Technology, Ethics and Society Studies	3 cr	
	Fine Arts	3 cr	
	History	3 cr	
	Literature	3 cr	
	Mathematics	0 cr	(ful lled by major eld req.)
	Natural Science	3 cr	
	Social Science	0 cr	(ful lled by major eld req.)
			18 cr
	Pathway**		12 cr
	Courses addressing an interdisciplinary topic.		
Total Core/Liberal Studies Requirement			37 cr
4.0			

- focus on a particular Systems area that re ects their interests and career aspirations, or
- emphasize further study of Information Systems topics.

NOTE: Internship credits do not count for elective credits described in this section.

** Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin
Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea
areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requireme

3.0	Core / Liberal Studies Requirements			
3.1	FOUNDATION			
	FYS 101 First Year Seminar	4 cr		
	ENG 120 Writing for College	3 cr		
			7 cr	
3.2	DISTRIBUTION			
	Breadth			
	PHIL 101 Philosophical Perspectives	3 cr		
	Ethics: CMPT 305 Technology, Ethics and Society Studies	3 cr		
	Fine Arts	3 cr		
	History	3 cr		
	Literature	3 cr		
	Mathematics	0 cr	(ful lled by major req.)	
	Natural Science	3 cr		
	Social Science	0 cr	(ful lled by major req.)	
			18 cr	
	Pathway*			
	Courses addressing an interdisciplinary topic		12 cr	
Total Credit Requirement for Core / Liberal Studies				37 cr
4.0	Undergraduate General electives and/or Internships			4 cr
5.0	Graduate Courses taken at Undergraduate Level			
	MSIS 527 Systems & Inf. Concepts in Organizations	3 cr		
	MSIS 545 Into to Data Analysis & Comp. Stats	3 cr		
	MSIS 645 Data Mining & Pred. Analytics	3 cr		
				9 cr
Total Four-Year Credit Requirement **				120 cr
6.0	Fifth-Year Graduate Courses			
	MSIS 620 Emerging Technologies	3 cr		
	MSIS 730 Information Systems Policy	3 cr		
	MSIS 637 Decision Support Systems	3 cr		
	MSIS 621 Enterprise Architectures	3 cr		
	MSIS 720 Capstone Project	3 cr		
	MSIS/MSCS/MBA approved electives	9 cr		
Total Graduate Credits, Fifth Year				24 cr
Total Credit Requirement for Completing Five-Year B.S/M.S Program **				144 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requireme See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

** Students would normally receive both the B.S. and M.S. degrees in the Spring of the fth year at the conclusion of their studies

REQUIREMENTS FOR A 5-YEAR B.S./M.S. PROGRAM IN INFORMATION TECHNOLOGY & SYSTEMS

Concentration in Computer Networks and Security

1.0	Course Requirements in Major Field	
	CMPT 120 Introduction to Programming	4 cr
	CMPT 220 Software Development I	4 cr
	CMPT 221 Software Development II	4 cr
	CMPT 230 Software Systems and Analysis	4 cr
	CMPT 306 Data Communications & Networks	4 cr
	CMPT 308 Database Management	4 cr
	CMPT 307 Internetworking	4 cr
	CMPT 321 Architecture of Hardware and System Software	3 cr
	CMPT 330 System Design	4 cr

RECOMMENDED PROGRAM SEQUENCE FOR A 5-YEAR B.S./M.S. PROGRAM IN INFORMATION TECHNOLOGY & SYSTEMS (INFORMATION SYSTEMS MANAGEMENT AND BUSINESS ANALYTICS)

FRESHMAN YEAR

FALL		SPRING	
	___		___
	___		___
	___		___
	___		___
	___		___
	___		___
	___		___

JUNIOR YEAR

FALL		SPRING	
CMPT 321 Arch. of Hardware & Software	3 cr	CMPT 420 Internet Security	4 cr
CMPT Platform Elective	3-4 cr	Core/LS	3 cr
CMPT 305 Technology, Ethics, & Society	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15-16 cr		16 cr

SENIOR YEAR

FALL		SPRING	
CMPT 477 ITS Project I	3 cr	CMPT 478 ITS Project II	1 cr
CMPT 410 Systems Administration.	4 cr	CMPT Upper Level Elective	4 cr
MSIS527 Systems & Inf. Concepts in Org.	3 cr	MSIS 601 Network Design & Implement.	3 cr
CMPT 430 Technology Entrepreneurship	3 cr	MSIS/MSCS/MBA approved elective	3 cr
		Core/LS	3 cr
	13 cr		14 cr

FIFTH YEAR (Graduate)

FALL		SPRING	
MSIS 602 Network Security	3 cr	MSIS 720 Capstone Project	3 cr
MSIS 730 Information Systems Policy	3 cr	MSIS 603 Network Virtualization	3 cr
MBA 667 Accounting	3 cr	MSIS/MSCS/MBA approved elective	3 cr
MSIS/MSCS/MBA approved elective	3 cr	MSIS/MSCS/MBA approved elective	3 cr
	12 cr		12 cr

REQUIREMENTS FOR A MINOR IN INFORMATION TECHNOLOGY

CMPT 120 Introduction to Programming	4 cr
CMPT 220 Software Development I	4 cr
CMPT 221 Software Development II	4 cr
CMPT 306 Data Communications and Networks	4 cr
MATH 205 Discrete Mathematics	4 cr
CMPT 307 Internetworking	4 cr
Total Credit Requirement for a Minor in Information Technology	24 cr

REQUIREMENTS FOR A MINOR IN ENTERPRISE COMPUTING

CMPT 120L Introduction to Programming	4 cr
CMPT 220 Software Development I	4 cr
CMPT 315 Introduction to z/OS and Major Subsystems	4 cr
Select 3 electives from the following:	
CMPT 316N z/OS Networking	3 cr
CMPT 317N z/OS Security	3 cr
CMPT 451N z/OS Advanced Topics	3 cr
CMPT 452N z/OS RAS and PD	3 cr
CMPT 455N DB2 Fundamentals	3 cr
CMPT 456N z/OS Performance Fundamentals	3 cr
CMPT 453N z/OS Emerging Technologies	3 cr
CMPT 454N z/OS Installation	3 cr
Total Credit Requirement for a Minor in Enterprise Computing	21 cr

REQUIREMENTS FOR A MINOR IN INFORMATION SYSTEMS

CMPT 120L Introduction to Programming	4 cr
BUS 100N Introduction to Business and Management	3 cr
CMPT 230L Software Systems and Analysis	4 cr
CMPT 306 Data Communications	4 cr
CMPT 330L System Design	4 cr
CMPT 308L Database Management	4 cr
Total Credit Requirement for a Minor in Information Systems	23 cr

SOPHOMORE YEAR

FALL		SPRING	
ITAL 282 Advanced Reading and Composition	3 cr	ITAL 250 Civilizations of Italy	3 cr
ITAL 300 or 400 Language/Literature	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Elective	3 cr	Core/LS	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
ITAL 300 or 400 Level Elective	3 cr	ITAL 300 or 400 Level Elective	3 cr
ITAL 300 or 400 Level Elective	3 cr	ITAL 300 or 400 Level Elective	3 cr
ITAL 300 or 400 Level Literature	3 cr	ITAL 300 or 400 Level Elective	3 cr
ITAL 300 or 400 Level Language	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
ITAL 300 or 400 Level Elective	3 cr	ITAL 477 Capping Course	3 cr
Electives	12 cr	Electives	11 cr
	15 cr		14 cr

JEWISH STUDIES MINOR

JOSHUA BOAZ KOTZIN , Ph.D.,Coordinator

The minor in Jewish Studies is an interdepartmental program which involves faculty from the departments of English, Religious Studies, History, and Political Scier A planned program of courses drawn from current and future offerings, the minor has been developed for students who wish to deepen their knowledge of Judaisr Jewish culture. Participation in the program can help students to perceive the relationship of Judaism to other world religions and to understand Judaism's impa Western culture. It can stimulate re ection on fundamental human values.

A minimum of 18 credits constitutes the minor. In addition to the designated curriculum, independent study courses are available. Students can satisfy up to credits of the minor through summer study at the Hebrew University in Jerusalem. Arrangements should be made with the coordinator of the program.

REQUIREMENTS FOR A MINOR IN JEWISH STUDIES

1.0	Two courses selected from the following: REST 201 Religion in America REST 204 Judaism REST 208 Judeo-Christian Scriptures	6 cr
	L6 Td wing:	

MATH 440 Numerical Analysis
MATH 441 Combinatorics
MATH 450 Fundamental Concepts of Geometry
MATH 451 Elementary Topology
MATH 452 Foundations of Mathematics

Credit Requirement in Mathematics		39 cr	
2.0	Course Requirements in Related Fields		
	DATA 220 Introduction to Data Analysis OR	4 cr	
	CMPT 120 Introduction to Programming		
Total Credit Requirement for a Major in Mathematics			43 cr
3.0	Core/Liberal Studies Requirements		
3.1	FOUNDATION		
	FYS 101 First Year Seminar	4 cr	
	ENG 120 Writing for College	3 cr	
		7 cr	
3.2	DISTRIBUTION		
	Breadth		
	PHIL 101 Philosophical Perspectives	3 cr	
	Ethics, Applied Ethics, or Religious Studies	3 cr	
	Fine Arts	3 cr	
	History	3 cr	
	Literature	3 cr	

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN MATHEMATICS

FRESHMAN YEAR

FALL		SPRING	
MATH 241 Calculus I	4 cr	MATH 242 Calculus II	4 cr
DATA 220 Intro Data OR CMPT 120 Into. Prog.	4 cr	PHIL 101 Philosophical Perspectives	3 cr
FYS 101 First Year Seminar	4 cr	Core/LS	3 cr
ENG 120 Writing for College	3 cr	Core/LS	3 cr
	15 cr	Core/LS	3 cr
			16 cr

SOPHOMORE YEAR

FALL		SPRING	
MATH 343 Calculus III	4 cr	MATH 310 Intro Math Reasoning	3 cr
MATH 210 Linear Algebra	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	General Elective	3 cr
General Elective	3 cr	General Elective	3 cr
	16 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
MATH 300/400-level Requirement	3 cr	MATH 300/400-level Elective	3 cr
MATH 300/400-level Requirement	3 cr	MATH 300/400-level Elective	3 cr
Core/LS	3 cr	Core/LS	3 cr
General Elective	3 cr	General Elective	3 cr
General Elective	3 cr	General Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
MATH 300/400-level Requirement	3 cr	MATH 477 Capping Course	3 cr
MATH 300/400-level Elective	3 cr	General Elective	3 cr
Core/LS	3 cr	General Elective	3 cr
General Elective	3 cr	General Elective	4 cr
General Elective	3 cr		13 cr
	15 cr		

REQUIREMENTS FOR A MINOR IN MATHEMATICS

MATH 241, 242, 343, Calculus I-III	12 cr
MATH 310 Introduction to Mathematics Reasoning	3 cr
Select One:	
MATH 210 Linear Algebra	3 cr
MATH 205 Discrete Mathematics	4 cr
Total Credit Requirement for a Minor in Mathematics	18-19 cr

MATHEMATICS EDUCATION

JOSEPH KIRTLAND , Ph.D.,Chairperson

MISSION:

The mathematics major at Marist offers a solid grounding in the ideas and techniques of mathematics. During the junior and senior year, the student can use the u level elective mathematics courses to tailor the major to career goals. Applied Statistics, Operations Research, and Numerical Analysis emphasize the ideas and m used in business and industry. Abstract Algebra II, Differential Equations, and Complex Variables emphasize the conceptual understanding of mathematics an techniques useful in the sciences.

In partnership with the Department of Teacher Education in the School of Social & Behavioral Sciences, the Department of Mathematics has establishe mathematics major curriculum that leads to provisional New York State certi cation in Adolescence Education with a specialization in Mathematics. This curriculu approved by the New York State Education Department, includes courses in mathematics, as well as courses designed to prepare students for a secondary teaching career. A supervised student teaching experience, arranged by the Department of Teacher Education, is included.

Program Requirements for New York State Teacher Certi cation in Adolescence Education: Mathematics (Grades 7-12)

Marist College offers a state-approved program leading to initial teacher certi cation in Adolescence Education: Mathematics (Grades 7-12). Students seeking certi cation are encouraged to consult with their academic advisor and the Coordinator of Adolescence Education in the Teacher Education Department. Becau the signi cant number of state certi cation requirements for this program, it is important that students seek such advisement early in their college careers, during freshman year if possible. Information about eligibility for this program as well as education and related eld requirements for Adolescence Education certi cation c be found on page 103 of this catalog.

Literature	3 cr	
Mathematics	0 cr	(ful lled by major eld req.)
Natural Science	3 cr	
Social Science	0 cr	(ful lled by education req.
		18 cr
Pathway***		12 cr
Courses addressing an interdisciplinary topic		
Total Core/Liberal Studies Requirement		37 cr
Total Credit Requirement for Graduation		120-123 cr

* While several of the 300-400 level mathematics courses are offered each semester, many of these courses are offered only annually or biennially. Please vi Department of Mathematics page at the Marist College web site for the current schedule of course offerings.

** Foreign Language Requirement: Six credits at the elementary level or three credits at the intermediate level satisfy the foreign-language requirement for tea certi cation and can be ful lled by AP courses.

*** Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requireme See the Core/LS Program wutsome couth0.60.6 (sat37ll distri6)-4.9 (ution requiremnts.)]TJ ET EMC /Span <</Lang (en-US)/MCID 12642 >>BDC2 Tw 8 0 0

MEDIA STUDIES AND PRODUCTION

SUE LAWRENCE, Ph.D.,Chairperson, Film, TV, Games, and Interactive Media Department

MISSION:
The B.A in Media Studies and Production fosters critical thinking, strong hands-on skills, and creativity in t 2.(2)/MCID 12Dh7T /T1_p-of mdia . Dra.wng, from

3.0	General Electives and Internship	29 cr
Total Credit Requirement for Graduation		120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

Internships 0-14 credits

Students may take up to 14 general elective non-liberal arts credits in internships during fall, spring, and summer semesters only. Students may enroll in more than o internship. Internationings0w4TF0009sMC /Span <</Lang (e65.9 (y)85 (.)0.5 (Students)0.5 (ma)34.9 (y)0.5 (enroll)0.5 (inc8S)/MCID 12838 >>BDC BT -0.001 T

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN MEDIA STUDIES AND PRODUCTION: FILM AND TELEVISION CONCENTRATION

FRESHMAN YEAR

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	MDIA 102 Introduction to Media Studies	3 cr
PHIL 101 Philosophical Perspectives	3 cr	Core/LS	3 cr
ENG 120 Writing for College	3 cr	Core/LS	3 cr
MDIA 103 Digital Toolbox	3 cr	Core/LS	3 cr
MDIA 120 Art of Film	3 cr	Core/LS	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
MDIA 201 Writing for Media	3 cr	MDIA 321 Film Theory and Criticism	3 cr
MDIA 203 Video Production	3 cr	MDIA Elective	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Elective	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
MDIA Theory/History/Analysis	3 cr	MDIA Theory/History/Analysis	3 cr
MDIA Production	3 cr	MDIA Elective	3 cr
MDIA Production	3 cr	Elective	3 cr
Core/LS	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
MDIA Production	3 cr	MDIA 480 Capping	3 cr
MDIA Theory/History/Analysis	3 cr	MDIA Production	3 cr
Elective or Internship	3 cr	Elective or Internship	3 cr
Elective or Internship	3 cr	Elective or Iinternship	3 cr
Elective or Internship	3 cr	Elective or Internship	2 cr
	15 cr		14 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN MEDIA STUDIES AND PRODUCTION: INTERACTIVE MEDIA AND GAME DESIGN CONCENTRATION

FRESHMAN YEAR

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	MDIA 102 Introduction to Media Studies	3 cr
PHIL 101 Philosophical Perspectives	3 cr	MDIA 110 Introduction to Design	3 cr
ENG 120 Writing for College	3 cr	Core/LS	3 cr
MDIA 103 Digital Toolbox	3 cr	Core/LS	3 cr
MDIA 120 Art of Film	3 cr	Core/LS	3 cr
	16 cr		15 cr

SOPHOMORE YEAR >>> BDC ()Tj 9.027 0 Td ()Tj6(en-US)/MCID 12952 >>BDC BT /T1_2 1 Tf /Span<</ActualText<14 ()Tj EMC 24.098 0 Td (3 cr)T

FALL		SPRING	
MDIA 201 Writing for Media	3 cr	MDIA 310 Interactive Media II	3 cr
MDIA 210 Interactive Media I	3 cr	MDIA Production	3 cr
Core/LS	3 cr		

Medical Technology offers exciting educational and career opportunities for students wishing to combine an interest in the sciences with laboratory medicine diagnostic health care. As vital members of the health care team, medical technologists work closely with pathologists and other physicians to provide information ne for the diagnosis and therapeutic management of disease. Technologists may pursue diverse career opportunities. They may work in hospital, university, governme industrial laboratories. They represent the upper division of medical laboratory personnel and can establish challenging careers in laboratory administration, specia research, technical services, marketing, or in medical technology education. Graduates are quali ed to enter graduate programs leading to masters and doctoral de Medical Technology, with carefully chosen elective coursework, is an excellent major for students wishing to pursue professional degrees in human medicine, denti veterinary medicine, physician/pathologist assistant programs, podiatry, physical therapy, and other health areas.

The Medical Technology Program at Marist College is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).* The progran represents a cooperative effort between the College and regional clinical laboratories to provide a four-year curriculum leading to a Bachelor of Science degree w major in Medical Technology. Students have a strong foundation in liberal arts and take courses in biology, chemistry, math, and computer science in preparatio advanced clinical courses. Students in clinical courses on campus gain experience in a simulated medical laboratory. Clinical courses include Hematology, Cli Microscopy, Clinical Immunology/Immunohematology, Clinical Microbiology, and Clinical Chemistry. The curriculum emphasizes an understanding of the pathogenes and manifestation of disease analyzed by laboratory testing and the theoretical principles supporting laboratory tests. Students spend six months in af liated me laboratories studying diagnostic evaluation and therapeutic monitoring of actual patient cases. They study side by side with professional medical technologists, utili state-of-the-art analytical instrumentation, while under the direction and supervision of Marist College faculty. The Marist program is formally af liated with eigh medical centers: MidHudson Regional Hospital of Westchester Medical Center, Poughkeepsie, NY; Vassar Brothers Medical Center, Poughkeepsie, NY; the Vete Affairs Hudson Valley Health Care System, Castle Point, NY; Health Alliance of Westchester Medical Center Health Network, Mary's Ave. and Broadway campuses Kingston, NY; St. Luke's Cornwall Hospital, Newburgh, NY; Columbia Memorial Hospital, Hudson, NY; Sharon Hospital, Sharon, CT; and Memorial Sloan Kettering Cancer Center (MSKCC), New York, NY. All of these facilities are located within commuting distance of the College (except MSKCC, a voluntary rotation site) s students can continue to reside on campus. Students must achieve a minimum grade-point average of 2.5 in all required science and math courses to participate clinical portion of the program. A grade of C or better is required in each clinical course (I and II). All clinical I courses must be completed with a minimum grade C prior to starting the internship phase of the program.

The program provides an opportunity for students with an Associate degree in Medical Laboratory Technology or the Natural Sciences to complete a Bachelo Science degree with a major in Medical Technology at Marist College. These transfer students receive a maximum of 70 credits for courses taken at other accre institutions of higher education and can usually complete the Marist College program in two years with full-time study.

* National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Rd., Suite 720, Rosemont, Illinois 60018-5119, Phone: (847) 939-3597 or (773) 71 8880, web page http://www.naacls.org

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Note: A minimum of 60 credits in Liberal Arts is required.

1.0	Course Requirements in Medical Technology			
	MEDT 260 Methods in Medical Technology	4 cr		
	MEDT 301 Clinical Microbiology I	4 cr		
	MEDT 305 Clinical Chemistry I	4 cr		
	MEDT 315 Hematology I	4 cr		
	MEDT 340 Clinical Immunology/Immunohematology I	4 cr		
	MEDT 345 Clinical Microscopy I	1 cr		
	MEDT 350 Clinical Foundations in Medical Laboratory Sciences	1 cr		
	MEDT 401 Clinical Microbiology II	4 cr		
	MEDT 405 Clinical Chemistry II	4 cr		
	MEDT 410 Hematology II	4 cr		
	MEDT 440 Clinical Immunology/Immunohematology II	4 cr		
	MEDT 445 Clinical Microscopy II	1 cr		
	MEDT 477 Topics in Medical Technology (Capping Course)	3 cr		
Credit Requirement in Medical Technology			42 cr	
2.0	Course Requirements in Related Fields			
	BIOL 130 General Biology I	4 cr		
	BIOL 131 General Biology II	4 cr		
	BIOL 312 Microbiology	4 cr		
	BIOL 315 Immunology	3 cr		
	BIOL 421 Parasitology	4 cr		
	CHEM 111 & 115 General Chemistry I and Lab	4 cr		
	CHEM 112 & 116 General Chemistry II and Lab	4 cr		
	CHEM 201 Principles of Organic Chemistry OR			
	CHEM 211 Organic Chemistry I AND			
	CHEM 212 Organic Chemistry II	3-6 cr		
	MATH 130 Introductory Statistics I	3 cr		
	CMPT 103 Technology for the 21st Century	3 cr		
Credit Requirement in Related Fields			36-39 cr	
Total Credit Requirement for a Major in Medical Technology				78-81 cr
3.0	Core/Liberal Studies Requirements			

3.1	FOUNDATION			
	FYS 101 First Year Seminar	4 cr		
	ENG 120 Writing for College	3 cr		
			7 cr	
3.2	DISTRIBUTION			
	Breadth			
	PHIL 101 Philosophical Perspectives	3 cr		
	Ethics, Applied Ethics, or Religious Studies*	3 cr	(major must take Ethics)	
	(NYS Of ce of Professions requires that Medical Technology students take Ethics)			
	Fine Arts	3 cr		
	History	3 cr		
	Literature	3 cr		
	Mathematics	0 cr	(ful lled by major eld req.)	
	Natural Science	0 cr	(ful lled by major eld req.)	
	Social Science	3 cr		
			18 cr	
	Pathway*		12 cr	
	Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement				37 cr
4.0	Electives			2-5 cr
	Recommended Elective Courses:			
	BIOL 201 Human Anatomy and Physiology I	4 cr		
	BIOL 202 Human Anatomy and Physiology II	4 cr		
	BIOL 450 Biotechnology	4 cr		
	BIOL 320 Genetics	4 cr		
	BIOL 340 Comparative Anatomy	4 cr		
	BIOL 430 Developmental Biology	4 cr		
	BIOL 440 Vertebrate Physiology	4 cr		
	CHEM 355 Analytical Chemistry	4 cr		
	CHEM 420 Biochemistry I	3 cr		
	CHEM 421 Biochemistry II	3 cr		
	MATH 241 Calculus I	4 cr		
	MATH 242 Calculus II	4 cr		
	MATH 343 Calculus III	4 cr		
	PHYS 201 College Physics I	3 cr		
	PHYS 202 College Physics II	3 cr		
	PHYS 213 Physics I Lab	1 cr		
	PHYS 214 Physics II Lab	1 cr		
Total Credit Requirement for Graduation				120 cr

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED PROGRAM SEQUENCE FOR A MEDICAL TECHNOLOGY MAJOR

FRESHMAN YEAR

FALL		SPRING	
BIOL 130 General Biology I	4 cr	BIOL 131 General Biology II	4 cr
FYS 101 First Year Seminar	4 cr	CMPT 103 Technology for 21st Century	3 cr
ENG 120 Writing for College	3 cr	PHIL 101 Philosophical Perspectives	3 cr
Core/LS	3 cr	Core/LS	3 cr
		Core/LS	3 cr
	14 cr		16 cr

SOPHOMORE YEAR

FALL		SPRING	
MEDT 260 Methods in Med Tech	4 cr	CHEM 112 General Chemistry II	3 cr
CHEM 111 General Chemistry I	3 cr	CHEM 116 General Chemistry Lab II	1 cr
CHEM 115 General Chemistry Lab I	1 cr	BIOL 315 Immunology	3 cr
MATH 130 Intro to Statistics	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
		Elective	3 cr
	14 cr		16 cr

MEDIEVAL AND RENAISSANCE STUDIES MINOR

JANINE LARMON PETERSON , Ph.D.,Coordinator

Medieval and Renaissance Studies is an interdisciplinary program that offers students the ability to study the culture, history, literature, music, philosophy, politics, an religious traditions of the Middle Ages and Renaissance. Students choose ve electives from at least three different elds: English, Fine Arts (Art History and Music), History, Modern Languages and Cultures, and Philosophy & Religious Studies. Many of these courses also ful ll Core curriculum requirements. In addition students must ful ll a language requirement.

The minor is appropriate for students interested in investigating the antecedents of modernity; in identifying enduring cultural and philosophical issues, themes, an problems; and in comparing and contrasting past and contemporary society. The minor will also prepare those students interested in graduate work in these elds, a to this end the acquisition of a foreign language at the intermediate level is required. The integration of study abroad into coursework is strongly encouraged.

REQUIREMENTS FOR A MINOR IN MEDIEVAL AND RENAISSANCE STUDIES

All students must take a minimum of ve courses distributed throughout at least three of the following elds: English, Fine Arts (Art History and Music), History, Modern Languages and Cultures, and Philosophy & Religious Studies. The minor also requires students to take one intermediate language class in Italian, Span or French, or any language course in German, Latin or Arabic. All courses in the minor must be completed with a C or better. Study abroad is strongly encouraged

1.0. Required Courses 3 cr

Students must take one of the following courses:

- ARAB 101 Elementary Arabic I
- ARAB 102 Elementary Arabic II
- ARAB 105 Intermediate Arabic I
- ARAB 106 Intermediate Arabic II
- FREN 105 Intermediate French I
- FREN 106 Intermediate French II
- GERM 101 Elementary German I
- GERM 102 Elementary German II
- GERM 105 Intermediate German I
- GERM 106 Intermediate German II
- ITAL 105 Intermediate Italian I
- ITAL 106 Intermediate Italian II
- LAT 101 Elementary Latin I
- LAT 102 Elementary Latin II
- SPAN 105 Intermediate Spanish I
- SPAN 106 Intermediate Spanish II

2.0 Elective Courses 15 cr

Students must take ve electives from the following courses distributed throughout at least three elds:

- ART 160 History of Western Art I
- ART 224 17th Century Art
- ART 230 Greek & Roman Art
- ART 245 Medieval Art
- ART 281 History of Costume
- ART 380 Renaissance Art
- ENG 212 English Lit I
- ENG 221 Themes in Shakespeare
- ENG 270 Classics of Western Lit
- ENG 301 History of the English Language
- ENG 320 English Drama I
- ENG 324 Chaucer
- ENG 325 Shakespeare
- ENG 329 17th Century Lit
- ENG 330 Medieval Lit
- ENG 331 Renaissance Lit
- ENG 361 Ancient Roman and Early Christian Lit
- FREN 250 French Culture & Thought
- HIST 247 Ancient Rome
- HIST 248 Medieval Europe
- HIST 249 Early Modern Europe
- HIST 255 Catholic Church in Modern Times
- HIST 314 History of Witchcraft and Sorcery
- ITAL 250 Civilization of Italy
- SPAN 150 Civilization of Spain
- SPAN 250 Cultures of Spain
- SPAN 420 Medieval Spanish Lit

MUS 106 Jazz and Sound
MUS 226 Music Cultures of the World
MUS 242 Popular Music in America
MUS 247 History of the Music Industry
MUS 248 History of Motion Picture Music
MUS 330 Beethoven and Schubert
MUS 335 Opera
MUS 340 Baroque Masters
MUS 344 Medieval and Renaissance Music
MUS 341 Romantic Music of the 19th Century
MUS 342 Music of the 20th Century
MUS 343 Music in America
MUS 346 Amadeus Mozart and 18th-Century Vienna
MUS 378 Special Topic in Music

The remaining six credits are selected from any other music courses. 6 cr

Total Credit Requirement for a Minor in Music (Vocal Track) 21 cr

Instrumental Track:

One 3-credit Instrumental Skills course selected from the following: 3 cr
MUS 140 Beginning Instrumental Skills I
MUS 141 Beginning Instrumental Skills II
MUS 240 Intermediate Instrumental Skills I
MUS 241 Intermediate Instrumental Skills II

Three 1-credit Instrumental Ensemble Courses selected from the following: 3 cr
MUS 107 Beginning Piano I
MUS 108 Beginning Piano II
MUS 230 Jazz Foxes
MUS 231 Brass Ensemble
MUS 232 Flute Choir
MUS 233 Woodwind Ensemble
MUS 234 Orchestra
MUS 235 Handbell Choir
MUS 236 Symphonic Band
MUS 237 Wind Symphony
MUS 245 Percussion Ensemble
MUS 410 Advanced Piano

One 3-credit Theory course selected from the following: 3 cr
MUS 103 Sight Reading
MUS 120 Theory of Music I
MUS 220 Theory of Music II

Two 3-credit History courses selected from the following: 6 cr
MUS 105 Intro to Music
MUS 106 Jazz and Sound
MUS 226 Music Cultures of the World
MUS 242 Popular Music in America
MUS 247 History of the Music Industry
MUS 248 History of Motion Picture Music
MUS 330 Beethoven and Schubert
MUS 335 Opera
MUS 340 Baroque Music
MUS 341 Romantic Music of the 19th Century
MUS 342 Music of the 20th Century
MUS 344 Medieval and Renaissance Music
MUS 343 Music in America

PARALEGAL PROGRAM CERTIFICATE

ANNAMARIA MACIOCIA , J.D.,Director

PHIL 203 Introduction to Logic
PHIL 310 Symbolic Logic

1.3 Ethics
PHIL 200 Ethics 3 cr

1.4 History of Philosophy 9 cr
Three courses from:
PHIL 213 Foundations of American Social Thought
PHIL 240 Pragmatism
PHIL 242 Existentialism
PHIL 210 Ancient Philosophy
PHIL 321 Medieval Philosophy
PHIL 211 Modern Philosophy
PHIL 323 19th Century Philosophy
PHIL 324 Contemporary Analytic Philosophy
PHIL 325 Contemporary Continental Philosophy
PHIL 340 Marx and Marxism
PHIL 392, 393, 394 Special Topics in History of Philosophy

1.5 Topics in Philosophy 12 cr
Four courses* from:
PHIL 233 Philosophy of Education
PHIL 235 Philosophy and Technology
PHIL 237 Aesthetics
PHIL 301 Environmental Ethics
PHIL 331 Philosophy of Religion
PHIL 332 Philosophy of History
PHIL 333 Philosophy and Film
PHIL 335 Metaphysics: The Nature of Reality
PHIL 336 Epistemology: The Theory of Knowledge
PHIL 234 Social & Political Philosophy
PHIL 345 Philosophy of Mind
PHIL 392, 393, 394 Special Topics in Philosophical Genres

1.6 Capping Course
PHIL 477 Capping 3 cr

Total Credit Requirement in Philosophy 33 cr

2.0 REQUIRED COURSE IN RELATED FIELD
CMPT 103 Technology for the 21st Century 3 cr

Total Credit Requirement in Related Fields 3 cr

Total Credit Requirement for a Major in Philosophy 36 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION
FYS 101 First Year Seminar 4 cr
ENG 120 Writing for College 3 cr
7 cr

3.2 DISTRIBUTION
Breadth
PHIL 101 Philosophical Perspectives 0 cr (ful lled by major eld req.)
Ethics, Applied Ethics, or Religious Studies 0 cr (ful lled by major eld req.)
Fine Arts 3 cr
History 3 cr
Literature 3 cr
Mathematics 3 cr
Natural Science 3 cr
Social Science 3 cr
18 cr

Pathway* 12 cr
Courses addressing an interdisciplinary topic.

Total Core/Liberal Studies Requirement	37 cr

4.0

3.1	FOUNDATION		
	FYS 101 First Year Seminar	4 cr	
	ENG 120 Writing for College	3 cr	
			7 cr
3.2	DISTRIBUTION		
	Breadth		
	PHIL 101 Philosophical Perspectives	0 cr	(ful lled by major eld req.)
	Ethics, Applied Ethics, or Religious Studies	0 cr	(ful lled by major eld req.)
	Fine Arts	3 cr	
	History	3 cr	
	Literature	3 cr	
	Mathematics	3 cr	
	Natural Science	3 cr	
	Social Science	3 cr	
			18 cr
	Pathway*		12 cr
	Courses addressing an interdisciplinary topic.		
Total Core/Liberal Studies Requirement			37 cr
4.0	Electives		47 cr
Total Credit Requirement for Graduation			120

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majoring i Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Breadt areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requirement See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN PHILOSOPHY

FRESHMAN YEAR

FALL		SPRING	
PHIL 101 Philosophical Perspectives	3 cr	Logic course	3 cr
FYS 101 First Year Seminar	4 cr	CMPT 103 Technology for 21st Century	3 cr
ENG 120 Writing for College	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
History of Philosophy Course	3 cr	History of Philosophy Course	3 cr
Topics in Philosophy Course	3 cr	Topics in Philosophy Course	3 cr
Core/LS	3 cr	Ethics course – Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
Topics in Philosophy Course	3 cr	Topics In Philosophy Course	3 cr
History of Philosophy Course	3 cr	Elective in LAS	3 cr
Elective in LAS	3 cr	Elective in LAS	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
PHIL 477 Capping	3 cr	Elective in LAS	3 cr
Elective in LAS	3 cr	Elective in LAS	3 cr
Elective in LAS	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr

2.0 Related Fields

CMPT 103 Technology for 21st Century OR
ENSC 230 Intro to GIS 3cr

Total Credit Requirement for a Major in Political Science 52 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

FYS 101 First Year Seminar	4 cr	
ENG 120 Writing for College	3 cr	
		7 cr

3.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives	3 cr	
Ethics, Applied Ethics, or Religious Studies	3 cr	
Fine Arts	3 cr	
History	3 cr	
Literature	3 cr	
Mathematics	3 cr	
Natural Science	3 cr	
Social Science	0 cr	(ful lled by major eld req.)
		21 cr

Pathway*>>BDC BT /Span<</ActualText<FEF27 BT 0.G6 ChID 13866 >>BDC BT /Span<</ActualText<FEFF0001SpanH0su8( )Tj EMC 3609>>

POSC 290 International Law and Organization
POSC 325 International Political Economy

American Politics:
POSC 202 Environmental Politics & Policy
POSC 210 US Constitutional Law
POSC 211 American State & Local Politics
POSC 212 Citizens and Political Organizations
POSC 214 Gender & the Law
POSC 240 Introduction to Public Policy
POSC 289 Public Opinion & Politics

Three Elective Courses in Political Science 9 cr
(one course must be at the 300 level)

Total Credit Requirements for the Minor 21 cr

OPTIONS FOR POLITICAL SCIENCE MAJORS

Marist Abroad Program – contact Director
Legislative Internship – see Political Science Internship Coordinator
Paralegal Certi cate Program – see page 175
Participation in Marist Poll – see page 179
Public Administration Concentration – see page 188
Teacher Education Program – see page 103
Participation in Washington or Albany Semester Program – see Political Science Internship Coordinator
Political Science Internships – see Political Science Internship Coordinator
Public Opinion Concentration – see page 189

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN POLITICAL SCIENCE

(Public-Affairs Track: Consult with Advisors for International Track)

FRESHMAN YEAR
FALL

___ ___
___ ___
___ ___
___ ___

1.2 Life after Marist, Personalize your Major

Students must complete an additional 6 credits in the major. 6 cr

These credits may be any combination of the following: 6 cr

- Field work (PSYC 487 and PSYC 488) and/or
- Independent research (PSYC 485) and/or
- Psychology electives beyond the 16 required for breadth of discipline.

Students should consult their academic advisors to determine which plan best suits their career aspirations (e.g., graduate school plans).

2.0 Course Requirements in Related Fields (Should be completed freshman year)

CMPT 103 Technology for the 21st Century	3 cr	
MATH 130 Intro to Statistics	3 cr	
		6 cr

Total Credit Requirement for a Major in Psychology 42 cr

3.0 Core/Liberal Studies Requirements

3.1 FOUNDATION

FYS 101 First Year Seminar	4 cr	
ENG 120 Writing for College	3 cr	
		7 cr

3.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives	3 cr	
Ethics, Applied Ethics, or Religious Studies	3 cr	
Fine Arts	3 cr	
History	3 cr	
Literature	3 cr	
Mathematics	0 cr	(ful lled by major eld req.)
Natural Science	3 cr	
Social Science	0 cr	(ful lled by major eld req.)
		18 cr

Pathway* 12 cr

Courses addressing an interdisciplinary topic.

Total Core/Liberal Studies Requirement 37 cr

4.0 Electives 41 cr

JUNIOR YEAR

FALL		SPRING	
PSYC 301 or 302 or 303 or 304 or 305 or 306	4 cr	Core/LS Breadth	3 cr
Elective	2 cr	Elective	3 cr
Psychology Elective	3 cr	Elective	3 cr
Core/LS Breadth	3 cr	Elective	3 cr
Core/LS Pathway	3 cr	Elective	3 cr
	15 cr		15 cr

Note: Either semester junior year would be a good time to travel abroad.

SENIOR YEAR

FALL		SPRING	
PSYC 487, 488, 485 or Psych Elective	3 cr	PSYC 487, 488, 485 or Psych Elective	3 cr
Core/LS Pathway	3 cr	PSYC 478	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

RECOMMENDED PROGRAM SEQUENCE FOR DUAL MAJOR IN CRIMINAL JUSTICE/ PSYCHOLOGY MAJORS

FRESHMAN YEAR

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	MATH 130 (Core L/S - Breadth)	3 cr
PHIL 101 Philosophical Perspectives	3 cr	CMPT 103 Technology for 21st Century	3 cr
ENG 120 Writing for College	3 cr	PSYC Elective	3 cr
PSYC 101 Intro to Psych (Core/LS Breadth)	3 cr	CRJU 235 Corrections and Penology	3 cr
CRJU 101 Introduction to CRJU	3 cr	Core/LS Breadth	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
PSYC 350 Research Methods I	4 cr	PSYC 351 Research Methods II	4 cr
CRJU 201 Criminology	3 cr	CRJU 305 Juvenile Justice & Delinquency	3 cr
CRJU 230 Policing	3 cr	PSYC Elective	3 cr
Core L/S – Breadth	3 cr	Core L/S – Breadth	3 cr
Core L/S – Pathway	3 cr	Elective	3 cr
	16 cr		16 cr

JUNIOR YEAR

FALL		SPRING	
CRJU 302 Courts	3 cr	PSYC Elective	3 cr
CRJU 306 Criminal Law & Procedure I	3 cr	Core L/S – Pathway	3 cr
Elective	3 cr	Core L/S – Pathway	3 cr
Core L/S – Breadth	3 cr	Elective	3 cr
PSYC 301, 302, 303, 304, 305, or 306	4 cr		
	16 cr		12 cr

SENIOR YEAR

FALL		SPRING	
PSYC 478 Capping	3 cr	CRJU 477 Senior Seminar Capping	3 cr
PSYC 487 Field Work	3 cr	CRJU 496 Intern I	3 cr
CRJU Elective	3 cr	Elective	3 cr
CRJU 314 or CRJU 440	3 cr	Elective	3 cr
Core L/S – Breadth	3 cr	Core L/S – Pathway	3 cr
	15 cr		15 cr

REQUIREMENTS FOR A MINOR IN PSYCHOLOGY

PSYC 101 Intro to Psychology	3 cr
Any ve additional PSYC courses selected from	15 cr

no less than three of the following ve elective categories:

- Developmental (PSYC 317, 318, 321, 323)
- Biological Psychology (PSYC 206, 210, 211, 301-305)
- Sociocultural Psychology (PSYC 215, 220, 222, 315, 330, 331, 340, 385)
- Learning and Cognition (PSYC 306, 342, 343)
- Clinical, Counseling and School Psychology (PSYC 201, 202, 203, 207, 208, 311, 332, 348, 362, 372)

Total Credit Requirement for a Minor in Psychology 18 cr

RELATED MINOR: COGNITIVE SCIENCE

Psychology majors often choose to minor in Cognitive Science. Some psychology courses can be applied to the minor. See Cognitive Science Minor.

RECOMMENDED PROGRAM SEQUENCE FOR PSYCHOLOGY MAJORS PURSUING DUAL CERTIFICATION

FRESHMAN YEAR (Same for Fall or Spring Student Teaching)

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	PSYC 101 Intro to Psychology	3 cr
PHIL 101 Philosophical Perspectives	3 cr	HIST 218 Hist & Cult Hudson Valley OR	3 cr
ENG 120 Writing for College	3 cr	HIST 220 The Empire State	
EDUC 101 Foundations of Ed	3 cr	MATH 130 Introduction to Statistics	3 cr
Core/LS	3 cr	Core/LS	3 cr
		Core/LS	3 cr
		EDUC 091 Fieldwork In Ed	0 cr
	16 cr		15 cr

OPTION I – FALL STUDENT TEACHING

SOPHOMORE YEAR

FALL		SPRING	
PSYC 207 Exceptional Child	3 cr	EDUC 350 Teach of Lang Arts	3 cr
PSYC 208 Educational Psychology	3 cr	PSYC 350 Research Methods	4 cr
PSYC 317 Child Development	3 cr	PSYC 362 Measurement & Evaluation	3 cr
EDUC 150 Learning Through Technology	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		16 cr

JUNIOR YEAR

FALL		SPRING	
EDUC 351 Lit, Lrn & Art in Social Studies	3 cr	EDUC 352 Assess & Rem of Reading & Writ	3 cr
PSYC 301, 302, 303, 304, 305 (Choose One)	4 cr	EDUC 241 Math Elem Teach/Methods	3 cr
PSYC 372 Psychoeducational Assessmt	3 cr	EDUC 242 Science Elem Teach/Methods	3 cr
EDUC 373 Princ Tchg Stu w/Spec Needs	3 cr	EDUC 374 Curric Stat Stud w/Spec Needs	3 cr
EDUC 376 Behavior Management	3 cr	Core/LS, Elective or Abroad Attachment	3 cr
		PSYC 479 PSYC Seminar	1 cr
		EDUC 243 and EDUC 244 substitute for	
		EDUC 241 and EDUC 242	
	16 cr		16 cr

SENIOR YEAR

FALL		SPRING	
EDUC 462 Student Teaching	12 cr	PSYC 478 Capping	3 cr
		Core/LS or Elective (Ethics)	3 cr
		Core/LS or Elective	3 cr
		Core/LS or Elective	3 cr
		Core/LS	3 cr
	12 cr		15 cr

OPTION II – SPRING STUDENT TEACHING

SOPHOMORE YEAR

FALL		SPRING	
PSYC 207 Exceptional Child	3 cr	Core/LS	3 cr
PSYC 208 Educational Psychology	3 cr	Core/LS	3 cr
PSYC 317 Child Development	3 cr	Core/LS	3 cr
EDUC 150 Learning Through Technology	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
EDUC 350 Teach of Lang Arts	3 cr	EDUC 351 Lit, Lrn & Art in Social Studies	3 cr
PSYC 350 Research Methods	4 cr	EDUC 373 Princ Tchg Stu w/Spec Needs	3 cr
PSYC 362 Measurement & Evaluation	3 cr	EDUC 376 Behavior Management	3 cr
PSYC 372 Psychoeducational Assessment	3 cr	PSYC 301, 302, 303, 304, 305 (Choose One)	4 cr
Core/LS or Elective	3 cr	Core/LS or Elective	3 cr
	16 cr		16 cr

POSC 240 Intro to Public Policy
POSC 113 International Relations
POSC 338 Political Communication and Politics
POSC 236 Politics of Developing Areas
REST 230 Religion and Politics
REST 231 Social Ethics and Economics
SOC 101 Intro to Sociology
SOC 220 Sociology of Religion
SOC 336 Social Inequality
SOC 341 Social Change

Human Values and Choice

Two from the following: 6 cr

COM 203 Interpersonal Communication
ENG 373 Literature of the Holocaust
INTD 212 Self, Society, and Institution
PHIL 242 Philosophy and Human Experience
PSYC 220 Social Psychology
PSYC 222 Community Psychology
REST 208 Judeo-Christian Scriptures
REST 330 Religion in Contemporary Life
REST 335 Marriage and Family

Total Credit Requirement for a Minor in Public Praxis 21 cr

RELIGION

GEORGANNA ULARY , Ph.D.,Chairperson
ROSS ENOCHS, PH.D., Coordinator

MISSION:
The Religion Major is designed to equip students to pursue a variety of critical scholarly inquiries into the nature of religion and the relation of religious phenomena to other phenomena within a broader cultural setting. The Major will provide students with an introduction to the history, scriptures, rituals, doctrines, and ethics of ancient, Western and Eastern religions.

REQUIREMENTS FOR A BACHELOR OF ARTS IN RELIGION

Note: A minimum of 90 credits in Liberal Arts is required.

1.0 Course Requirements in Religion

1.1 Foundation Courses

REST 107 Intro to Religion 3 cr
REST 201 Religion in America 3 cr
REST 209 World Religions 3 cr

1.2 Jewish and Christian Traditions

One course from: 3 cr

REST 203 Christianity
REST 204 Judaism
REST 243 Catholic Thought & Spirituality

1.3 Religions outside the Jewish and Christian Traditions

One course from: 3 cr

REST 215 Religions of India: Hinduism, Buddhism, and Islam
REST 216 Ancient Greek Religion

1.4 Religious Ethics

One 200-level course and one 300-level course from: 6 cr

REST 230 Religion and Politics
REST 231 Social Ethics and Economics
REST 244 Prisons, Praxis and Prisoners
REST 245 Jesus and Discipleship
REST 320 Public Praxis I
REST 325 Public Praxis II
REST 330 Religion In Contemporary Modern Life
REST 335 Marriage and the Family From Religious Perspectives
REST 392 Special Topics courses on Ethics

SOPHOMORE YEAR

FALL		SPRING	
REST 203, 204 or 243	3 cr	REST 215 or REST 216	3 cr
Core/LS Social Science	3 cr	Core/LS History	3 cr
Elective	3 cr	Core/LS Literature	3 cr
Elective	3 cr	CMPT 103 Technology for 21st Century	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
200 Level Religious Ethics course	3 cr	300-Level Religious Ethics course	3 cr
REST 300 or REST 371	3 cr	Core/LS Pathway	3 cr
Core/LS Pathway	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
REST 315 or REST 331	3 cr	REST 477 Capping	3 cr
Core/LS Pathway	3 cr	Core/LS Pathway	3 cr
REST Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	2 cr
	15 cr		14 cr

REQUIREMENTS FOR A MINOR IN RELIGIOUS STUDIES

Two introductory courses selected from the following:	6 cr
REST 201 Religion in America	
REST 207 Intro to Religion	
REST 208 Judeo-Christian Scriptures	
Four other REST courses	12 cr
Total Credit Requirement for a Minor in Religious Studies	18 cr

The student is required to select a member of the Department of Religious Studies to serve as his or her advisor and to obtain the approval of the Dean for the cho
The advisor will guide the student in the selection of courses and pursuit of the plan of study.

SOCIOLOGY AND SOCIAL WORK

DARIA V. HANSSEN, Ph.D., LCSW, Chairperson

MISSION:
The Marist College Social Work Program is dedicated to preparing generalist social work practitioners committed to promoting the well-being of all people and their communities, through an integrated curriculum design grounded in the core values, ethics, and traditions of the profession and that provides the opportunity to mas professional knowledge and skills. The Program fosters collaborative relationships with the diverse human services community in the Hudson River Valley to enric student learning both in the classroom and in the eld. The program challenges faculty and students to become social work leaders in the development of a more j society locally and globally.

The Marist College BSW Program has a curriculum which is grounded in the profession's purpose and values, informed by the program's context and is drive by the mission of the institution. The BSW Program curriculum prepares its graduates for entry level generalist practice through the mastery of the 9 Social Wor Program Competencies (SWPC) and 31 behaviors as required by the Council on Social Work Education (CSWE). The goal of competency-based education is to ens that students can successfully integrate and apply the competencies in practice with individuals, families, groups, organizations, and communities. Competencies measurable practice behaviors that are based on social work knowledge, values, and skills. The total social work curriculum provides opportunities in the classroom a in a range of eld education experiences for students to master the practice skills necessary to perform as competent and ethical generalist social work practitioners

Advisement is provided throughout the program. Advisement plays a critical role, particularly in readying students for thresholds within the major and in evaluating their performance as potential social workers.

Minors are available in Social Work and Sociology. The Social Work minor consists of 15 credits and the Sociology minor requires 18 credits. Students should contact the Social Work Program Director to select the appropriate sequence of required and elective courses. Students are advised that the minors in Social Work Sociology are not accredited by the Commission on Accreditation of the Council on Social Work Education. For further information please refer to the Social Work Program website, www.marist.edu/sbs.social/.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN SOCIAL WORK

Note: A minimum of 60 credits in Liberal Arts is required.

1.0 Course Requirements in Sociology and Social Work
ALL of the following courses in Sociology:

	SOC 101 Intro to Sociology	3 cr		
	SOC 336 Social Inequality	3 cr		
	SOC 341 Social Change	3 cr		
	SOC 440 Social Theory	3 cr		
	SOC 480 Social Research Methods	3 cr		
	ALL of the following courses in Social Work:			
	SOCW 230 Intro to Social Work	3 cr		
	SOCW 330 Social Service: Theory and Practice	3 cr		
	SOCW 344 Social Welfare: Policies and Analysis	3 cr		
	SOCW 345 Human Behavior in the Social Environment	3 cr		
	SOCW 383 Social Work Methods I	3 cr		
	SOCW 382 Junior Field Education	1 cr		
	SOCW 395 Social Work with Diverse Populations	3 cr		
	SOCW Required Social Work Elective	3 cr		
	SOCW 475 Social Work Methods II	3 cr		
	SOCW 478 Senior Integrative Seminar /Capping	3 cr		
	SOCW 482 Practicum in Social Work I	4 cr		
	SOCW 483 Practicum in Social Work II	4 cr		
Credit Requirement in Sociology and Social Work			51 cr	
2.0	Course Requirements in Related Fields			
	PSYC 101 Introduction to Psychology	3 cr		
	ECON 150 Economics of Social Issues	3 cr		
	POSC 110 American National Government	3 cr		
	BIOL 101 Topics in Biology OR			
	BIOL 237 Human Biology	3 cr		
Credit Requirement in Related Fields			12 cr	
Total Credit Requirement for a Major in Social Work				63 cr
3.0	Core/Liberal Studies Requirements			
3.1	FOUNDATION			
	FYS 101 First Year Seminar	4 cr		
	ENG 120 Writing for College	3 cr		
			7 cr	
3.2	DISTRIBUTION			
	Breadth			
	PHIL 101 Philosophical Perspectives	3 cr		
	Ethics, Applied Ethics, or Religious Studies	3 cr		
	Fine Arts	3 cr		
	History	3 cr		
	Literature	3 cr		
	Mathematics	3 cr		
	Natural Science	0 cr	(ful lled by major eld req.)	
	Social Science	0 cr	(ful lled by major eld req.)	
			18 cr	
	Pathway*		12 cr	
	Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement				37 cr
4.0	Electives			20 cr
Total Credit Requirement for Graduation				120 cr

5.0 The student must obtain a grade of C or better in all sociology and social-work courses required for the major in social work.

* Breadth and Pathway courses may overlap, but all students must take a total of 36 distribution credits (including related eld requirements). Students majorin Breadth areas may apply a maximum of 6 credits to their distribution total. If applicable to a Pathway, 3 credits may come from disciplines outside of Core Brea areas. Although foreign language and culture courses are not required within the Core, some courses in these elds may be used to ful ll distribution requireme See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

RECOMMENDED PROGRAM SEQUENCE FOR A SOCIAL WORK MAJOR

FRESHMAN YEAR

FALL		SPRING	
SOC 101 Intro to Sociology	3 cr	PSYC 101 Intro to Psychology	3 cr
BIOL 101 Topics in Biology OR		CMPT 103 Technology 21st Century	3 cr
BIOL 237 Human Biology	3 cr	Core/LS History	3 cr
ENG 120 Writing for College	3 cr	Core/LS Philosophical Perspectives	3 cr
FYS 101 First Year Seminar	4 cr	General Elective	3 cr
	13 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING (Recommended semester for Study Abroad)	
SOCW 230 Intro to Social Work	3 cr	Core/LS Fine Arts	3 cr
ECON 150 Economics of Social Issues	3 cr	Core/LS	3 cr
POSC 110 American Nat'l Gov't	3 cr	Core/LS Literature	3 cr
Core/LS Math	3 cr	SOC 336 Social Inequality	3 cr
Core/LS	3 cr	Core Pathway/Distribution	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
SOCW 330 Soc Serv Theory/Pract	3 cr	SOC 480 Social Reaserch Methods	3 cr
SOCW 345 Hum Beh Soc Environ	3 cr	SOCW 383 Social Work Methods I	3 cr
SOCW 344 Social Welfare Policy & Analysis	3 cr	SOCW 382 Junior Field Education	1 cr
SOC 440 Social Theory	3 cr	SOCW 395 Social Work w/Diverse	3 cr
Core/LS	3 cr	Core Pathway/Distribution	3 cr
	15 cr	General Elective	3 cr
			16 cr

SENIOR YEAR

FALL		SPRING	
SOCW 475 Social Work Methods II	3 cr	SOC 341 Social Change	3 cr
SOCW 482 Practicum in Social Work I	4 cr	SOCW 478 Senior Integrative Sem/Capping	3 cr
General Elective	3 cr	SOCW 483 Practicum in Social Work II	4 cr
General Elective	3 cr	General Elective	3 cr
Required SW Elective	3 cr	General Elective	2 cr
	16 cr		15 cr

REQUIREMENTS FOR A MINOR IN SOCIOLOGY

SOC 101 Introduction to Sociology	3 cr
SOC 336 Social Inequality	3 cr
SOC 341 Social Change	3 cr
SOC 440 Social Theory	3 cr
SOC 450 Qualitative Social Research Methods OR SOC 480 Social Research Methods	3 cr
One additional elective course in sociology or from the following	3 cr
HIST 130 Intro to Women's Studies	
SPAN 154 Cultures of Hispanics in the United States	
MDIA 325 Documentary Film	
MDIA 326 Race, Ethnicity & Film	
MDIA 335 Gender & the Media	
POSC 303 Politics of Prejudice	

Total Credit Requirement for a Minor in Sociology 18 cr

REQUIREMENTS FOR A MINOR IN SOCIAL WORK

SOC 101 Introduction to Sociology	3 cr
SOCW 230 Introduction to Social Work	3 cr
Three other courses in Social Work or two courses in SW and SPAN 295 Spanish for the Human Services	9 cr

Total Credit Requirement for a Minor in Social Work 15 cr

REQUIREMENTS FOR NEW YORK STATE TEACHER CERTIFICATION
IN ADOLESCENCE EDUCATION: SPANISH (GRADES 7-12)

JUNIOR YEAR (On Campus)

FALL		SPRING	
SPAN 360 OR 270	3 cr	SPAN 300 or 400 Level Elective	3 cr
SPAN Literature	3 cr	SPAN Literature	3 cr
SPAN Elective or General Elective	3 cr	SPAN Elective or General Elective	3 cr
Core/LS	3 cr	Core/LS	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
SPAN 270 or Spanish Literature	3 cr	SPAN 477 Capping Course	3 cr
Electives	12 cr	Electives	12 cr
	15 cr		15 cr

WOMEN'S, GENDER, AND SEXUALITY STUDIES MINOR

KRISTEN BAYER , Ph.D.,Co-Director

ACCOUNTING

ACCT 203
Financial Accounting
Three Credits
Development of basic accounting concepts. Emphasis is on the classifying, recording, and reporting of business transactions for all forms of business organizations. Offered every semester.

ACCT 204
Managerial Accounting
Three Credits
Emphasis is on generating, analyzing, and using accounting information in the planning and control processes. Topics include budgets, standards, cost systems, incremental analysis, and nancial statement analysis. Offered every semester.
Prerequisite:ACCT 203

ACCT 301
Intermediate Accounting I
Three Credits
This is the rst course in a two-course sequence that is intended to provide a comprehensive understanding of the concepts, principles, assumptions, and conventions that are used for classifying, recording, and reporting economic transactions for a business entity. Offered every fall.
Prerequisite:ACCT 204 or permission of instructor

ACCT 302
Intermediate Accounting II
Three Credits
This is the second course in a two-course sequence that is intended to provide a comprehensive understanding of the concepts, principles, assumptions, and conventions that are used for classifying, recording, and reporting economic transactions for a business entity. Offered every spring.
Prerequisite:ACCT 301 or permission of instructor

ACCT 303
Accounting Theory and Practice
Three Credits
This course is intended to provide an understanding of items that present measurement and reporting problems for the accountant. It will also discuss current issues that the accounting profession is attempting to establish and guidelines for their measurement and reporting.
Prerequisite:ACCT 302

ACCT 310
Cost Accounting
Three Credits
An intensive study of the structure of various cost accounting systems. Techniques of income determination for manufacturing enterprises are explored. Attention is given to new standards and developments in managerial accounting to provide useful information for planning and controlling the cost of direct labor, materials, and manufacturing overhead costs. Offered every fall.
Prerequisite:ACCT 204

ACCT 311
Information for Decision Making and Control
Three Credits
Examines the measurement and management of product costs, emphasizing the principles of cost systems design. Use of information generated by product costing systems for performance measurement and for strategic decisions on pricing, product mix, process technology, and product design are explored. Also covers in-depth evaluations of capital expansions, make-versus-buy, and operate-versus-close decisions.
Prerequisite:ACCT 310 or permission of instructor

ACCT 330
Financial Statement Analysis
Three Credits
This coa,-1ecision Making and Control

audit of a computerized information system, and other areas of technological importance. Offered every spring.
Prerequisite:ACCT 402

ACCT 451
Government and Not-For-Pro t Accounting
Three Credits
Examines accounting and reporting concepts and issues for non-business organizations. Accounting issues that are unique to these entities are emphasized (such as non-exchange transactions and lack of ownership interest). Accounting and reporting for state and local governments (determined by the GASB), charitable organizations (determined by the FASB) and the Federal government (determined by the FASAB) are included. Offered every spring.
Prerequisites:Junior status, ACCT 301

ACCT 477
Current Issues in Accounting
Three Credits
An integrative course required of all senior accounting majors that will examine various issues selected by the instructor(s). These issues will be addressed by the interpretation and application of generally accepted accounting principles. Speci c emphasis will be placed on the ethical considerations of these issues and principles. Offered every spring.
Prerequisites:Senior status; ACCT 302, 403

ANTHROPOLOGY

ANTH 101
Introduction to Physical Anthropology
Three Credits LA
Physical anthropology. An investigation of human ancestors and continual human physical evolution to modern times. Emphasis is placed on human's early chronology during the Paleolithic, Neolithic, and Near Eastern periods.
(Ful lls Core/LS Natural Science requirement.)

ANTH 102
Introduction to Cultural Anthropology
Three Credits LA
Ethnology. An introduction to the nature, uniformity, and diversityly acpevSa35.99y 8 0 0 8 35. 61S

ART

NOTE: For courses that satisfy the Fine Arts Core/LS requirement, choose Arts

learning to represent the expressive nature of the human gure through various drawing techniques and the development of individual style. Offered every year. Prerequisite:ART 110

ART 215
Graphic Design I: Typography and Design
Three Credits
This course provides an overview of the Graphic Design eld, emphasizing basic lettering and typography, production, and design skills. Assigned projects furnish an understanding of the designer's creative process—the progressive steps from research, thumbnails, and roughs through the nished mechanicals. A strong digital component builds a relationship between analog and computer-related skills. Students are encouraged to approach problem solving in an imaginative

ART 325
Visual Book
Three Credits LA
This course will teach students the basic vocabulary and techniques of bookmaking. Students will learn to assemble their photographs, drawings, prints, and/or writing into creative book structures. A semester project will be the completion of a journal using an 'altered book' format. Offered every year.
Prerequisites: ART 101, ART 110, ART 231 (recommended), or permission of instructor

ART 326
Digital Illustration
Three Credits LA
This course is designed as an introduction to digital illustration, with an emphasis on improving both technical and conceptual skills. Assigned projects provide the opportunity to solve editorial, advertising and design-related problems. While use of digital media software will be the focus of this class, it will also examine and review traditional drawing and painting methods and how their integration with digital art can be accomplished.
Pre-requisite: ART 231

ART 402
Advanced Painting II
Three Credits
Individualized study in painting with one or more instructors. Students will be given the opportunity to explore in-depth themes, techniques, subjects, or experimental media of their own choosing.
Prerequisite: Permission of department chair

ART 409
Advanced Drawing II
Three Credits
Advanced Drawing with media and content based upon individual needs. Students are encouraged to de ne their own aesthetic approach to the medium.
Prerequisite: Permission of department chair

ART 412
Advanced Sculpture I
Three Credits LA

ART 413
Advanced Sculpture II
Three Credits LA

ART 420
Multimedia Projects
Three Credits LA
This course builds on the knowledge and skills developed in Multimedia Authoring. Students will learn in more depth about effective interface design and how programming makes possible more complex and effective multimedia productions. Projects may include both stand-alone interactive design and interactive website design.
Prerequisites: ART 235, ART 320, ART 322 or permission of instructor

ART 425
Digital Photography II: Special Projects and Techniques
Three Credits LA
This course will build on the skills and conceptual growth established in Digital Photography I. Students will continue to explore creative areas while building on more speci c technical skills required for professional production of printed work. Projects will extend students' perceptions of digital imaging in both creative and applied areas. It is expected that students will work on projects outside of class using the computers in the Digital Media lab. Students should expect to spend approximately four to six hours per week working on assignments. Offered every year.
Prerequisite: ART 320

ART 415
Graphic Design III: Advanced Typography
Three Credits
This class will investigate both a traditional and digital approach to typography in graphic communication. Students, guided by typographic history, will develop solutions to issues of communication giving special attention to design principles.
Prerequisite: ART 215N

ART 431
3D Modeling and Visualization
Three credits LA
Dual Listed as MDIA 431
This course focuses on the creation of 3-dimensional computer generated models used for 2D and 3D printing, games, and animation. Students will explore the processes of this art form, including modeling, texturing, shading, rigging, scene layout, and rendering, in order to create meaningful and unique visualizations. Techniques for character rigging and simulating physical space will be explored for preparation of future animation projects.
Prerequisite: ART 231L

ART 432
3D Animation
Three Credits LA
Dual Listed as MDIA 430
This class focuses on the eld of 3-dimensional animation used for video, multimedia programs, games, and the entertainment industry. Students will learn the process of using the computer to generate objects and their placement relative to space, cameras, and light sources. Centering on the mechanics of movement and the conception and the creation of animated forms, this course will introduce students to the principles of complex 3D animation and physical simulation techniques. Offered every fall.
Prerequisite: ART 235 and ART 431

ART 435
Digital Animation II: Special Projects and Techniques
Three Credits LA
This experimental course is designed for upper-level students in digital media to expand their understanding and skills in digital animation. It is a project-oriented course with hands-on experiences as an individual and as a member of a team. We will continue the exploration of animation software begun in Digital Animation I, while creating long animations.

This class will utilize lectures, demonstrations, discussions, and hands-on experiences. Multimedia, visits to dynamic websites, and videotapes of classic animated lms will also be included. Assignments will include creative projects that explore digital animation, character design, and the creation of interactive elements. Offered every year.
Prerequisite: ART 235

ART 445
Digital Animation III
Three Credits LA
This course is designed for advanced students in digital animation. It is a project-oriented course with hands-on experiences as an individual and team leader. Students will continue their exploration and increase the depth of their knowledge of animation, while creating both short and long animations, as well as researching and developing a presentation on one aspect of animation. This class will utilize lecture, demonstration, discussion, and hands-on experiences. Multimedia, and selections of classic and contemporary animated lms will also be included. The course will require a signi cant amount of independent work. Each student will have three major projects: an animated credits sequence, a team-created animation, and a 5-minute (minimum) animation with sound.
Prerequisite: ART 435

ART 478
Senior Thesis: Portfolio
Three Credits
Students will work independently in an area of studio art or digital media of their choice. Those students enrolled in Senior Thesis will meet for a normally

scheduled class session once each week for general critique and review, and

are: the in uences of machinery, including the computer and the camera; color theory; and the impact of modern art on applied design and architecture.
(Ful lls the Core/LS requirement for Fine Arts.)

ART 365
History of 19th-Century Art
Three Credits LA

ATHT 310
Lower Body/Extremity Assessment of Musculoskeletal Injuries
Two Credits – lecture
One Credit – laboratory

BIOL 203
Human Nutrition
Three credits
Dual listed as HLTH 201
Functions and sources of nutrients, dietary adequacy, factors (including health, disease, aging, pregnancy, and exercise) that govern nutrient requirements, energy balance, and weight control. This course is intended for students majoring in biology, biochemistry, athletic training, and other health-related areas. Students who receive credit for BIOL 203 may not take HLTH 225.
Prerequisites: BIOL 130-131 and CHEM 111, 112, 115, 116, or equivalents

BIOL 211
Plant Biology
Four Credits LA
An introduction to the basic interrelationships of plant structure, function, growth, reproduction, physiology, hormonal regulation and response to external stresses are presented in an evolutionary and ecological context. Plant natural products, along with their poisonous, medicinal and therapeutic active constituents will be covered. The laboratory will introduce knowledge and methodologies from a number of different disciplines to provide students with an experimental approach from the organismal to the molecular level. Three-hour lecture, three-hour laboratory per week. Offered every fall..
Prerequisites: BIOL 130 and 131

BIOL 214
Life on Earth
Three Credits LA
A course in biological evolution designed for students not majoring in the sciences. Science as a process and how science differs from religion will be examined. Topics include: Darwin, natural selection and other mechanisms that cause change, evolutionary medicine, how life began, and selected examples of animal evolution and adaptation. Three-hour lecture per week. Note: This course may not be taken for credit by students who have completed BIOL 131.

BIOL 232
Sex, Evolution and Behavior
Three Credits LA
This course is designed for the non-science major and will examine how natural selection in uences the evolution of social behavior in animals (including humans). Topics will include: the physiological basis of behavior, the adaptive value of behavior, learning and instinct, mate selection, parental investment, altruism, infanticide, primate behavior, and human sociobiology. Three-hour lecture per week. Note: This course may not be taken by students who have completed BIOL 305.

BIOL 237
Human Biology
Three Credits LA
This is a course in human physiology designed for the non-science major. Students will study how the body works and what causes disease. The class will also examine how current medical research approaches the problem of how to treat or cure a speci c illness. Topics will include: the nervous system and brain, the respiratory system, the cardiovascular system, exercise physiology, the digestive system, and the reproductive system. Three-hour lecture per week. Note: This course may not be taken by students who have completed BIOL 201, BIOL 202, BIOL 340, and / or BIOL 440.

BIOL 305
Animal Behavior
Three Credits LA
A study of animal behavior from the ethological perspective. Topics include how behavior evolves, behavior genetics, sexual selection, mate selection, nepotism and inclusive tness theory, parental behavior, reciprocal altruism, communication, foraging, antipredator strategies, territoriality, homing and navigation, and the history of the study of animal behavior including a review of interactions between learning and instinct. Three-hour lecture per week. Typically offered every spring.
Prerequisites: CHEM 111, 112, 115, 116 or equivalent and grade of C or higher in BIOL 130 and 131

BIOL 312
Microbiology
Four Credits LA
An introduction to the vast world of bacteria, fungi, protists, and viruses. Topics include microbial morphology, metabolism, and genetics, along with the roles of microorganisms in disease, the environment, and industry. The laboratory is an integral part of this course. The emphasis is on perfecting microbiological techniques and on the isolation and characterization of microorganisms. Three-hour lecture, three-hour lab per week. Typically offered every semester.
Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 315
Immunology
Three Credits LA
A study of the basic principles of the immune response. The cellular and humoral systems will be analyzed. Topic areas to be covered will include: the biology and chemistry of the immune response, complement xation, immunodiagnoses, immunoassay, immunopathology, autoimmunity, transplant and cancer immunology. Three-hour lecture per week. Typically offered every spring.
Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 320
Genetics
Four Credits LA
A study of transmission, population, molecular, and cytogenetics. Both in the classroom and the laboratory, the emphasis is on reinforcing basic concepts through a study of the classic experiments in genetics as well as current research. Three-hour lecture, three-hour laboratory per week. Typically offered every semester.
Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 321
Evolution
Three Credits LA
An examination of the unifying theory of all biology. Topics include the history of evolutionary thought, microevolution, population genetics, speciation, macroevolution, the origin of life, critical periods in the evolution of life, phyl3.7294 Tm (GeneD 16273.4930 ds)14.9 D3<</LC BT ET EMC /Span n-US

a public seminar on campus at the end-of-semester Biology Student Research Symposium.
Prerequisite: Permission of the Biology Chairperson

BIOL 493
Molecular Biology
Four Credits LA
This course is designed to introduce students to the behavior of molecules in cellular systems as well as diversity in gene expression via the processes of DNA, RNA, and protein synthesis. Students will participate in an intense weekly analysis of research papers from the current molecular literature. Three-hour lecture, three-hour laboratory per week
Prerequisites: BIOL 320, and either CHEM 201-202 OR CHEM 212 and 216, and junior/senior status, or permission of instructor.

BIOL 494-498
Biology Internship
One – Three Credits
The internship is designed to be a pre-professional work-related experience at an off-campus location. The student intern will be supervised by an on-site professional and by the Biology and Biomedical Sciences Internship Coordinator. Internships must be approved by the Internship Coordinator and Career Services prior to their commencement. Forty- ve hours per credit and completion of a journal.
Prerequisites: Second semester sophomore standing, a minimum science GPA of 2.7, CHEM 111, 112, 115, 116 or equivalent, and a grade of C or higher in BIOL 130 and 131.

BUSINESS ADMINISTRATION

BUS 100
Introduction to Business and Management
Three Credits
This course introduces students to the world of business and the practice of management. It is designed to be an interactive and lively experience that provides the student a basic understanding of organizations, managers, business, and themselves. Students will learn to see and analyze an organization as a complete and integrated system. We will cover the dynamic world of business, the nature of managerial work, the history of managerial thought, planning and decision making, organization structure and design, individual responsibility, and the nature of careers in today's business environment. Students will be challenged to think critically and discuss the implications of organizational action. Offered every semester.

BUS 120
Financial Literacy
One credit
This course is intended to make basic nancial topics accessible to non- nance majors. It focuses on bank accounts, borrowing, budgeting, planning, investing, saving for retirement and taxes. At the end of the course, the student will have a working knowledge of these nancial components. Offered every semester.

BUS 202
Global Business & Society
Three Credits
This course introduces the student to the global business environment, with particular attention given to the advantages and disadvantages of the corporate form of organization. A major emphasis will be on social, political, and cultural forces in uencing global business decisions and operations; ethical challenges in the global marketplace; and other current issues such as diversity, technology, and concern for the physical environment. Offered every semester.

BUS 301
Human Resource Management
Three Credits
This course encompasses the recruitment, selection, development, and utilization of any organization's most costly resource: its employees. In addition, organization rewards systems, health and safety, and labor relations will be covered as they affect employees in organizations. The purpose of this course is to introduce the student to the eld, and help the student understand the importance of human-resource management in reaching organizational goals. Offered every semester.
Prerequisite: BUS 100 or ACCT 202

BUS 302
Organizational Behavior
Three Credits
This course provides a foundation for understanding organizational behavior of the individual, group, and organizational level. The course will familiarize

CAST 201
Catholic Studies II: The Catholic Church in Modern Times
Three Credits LA
Dual listed as HIST 255
See HIST 255 for course description.

CAST 202
Catholic Thought and Spirituality
Three Credits LA
Dual listed as REST 243
See REST 243 for course description.

CHEMISTRY

CHEM 101
Introduction to Chemistry
Three Credits LA
A basic introduction to chemistry emphasizing the language of chemistry, its fundamental concepts, and development of problem-solving skills. This course provides appropriate background for students with insufficient preparation in high school chemistry who may wish to take General Chemistry I. Two lectures per week.

CHEM 102
Introduction to Chemistry Laboratory
One Credit LA
One-credit course designed to inculcate accepted laboratory procedures with regard to safety, techniques, measurement, and reporting of results. One three-hour laboratory per week
Co-requisite: CHEM 101

CHEM 111
General Chemistry I: Introduction to In 522.729C>903.72 17wT 0.139 Tw c8-9o90 >>BDC BT /T1_1 1 Tf 8 0 0 8 35.9987 444.7294 Tm (CHEM 1

organometallic compounds can be used in organic synthesis. In the process, a variety of advanced laboratory techniques will be explored and hands-on experience with modern instrumentation will be obtained. One four-hour laboratory per week.
Prerequisites: CHEM 365-366

CHEM 440
Advanced Organic Chemistry
Three Credits LA
This course is designed to give students in-depth experience with a variety of selected topics in organic chemistry, building off a solid foundation gained in CHEM 211-212. The focus will be on organic synthesis (modern methodology, multistep synthesis, and retrosynthetic analysis), reaction mechanisms, and structure determination by spectroscopic methods. Two lectures per week
Prerequisites: CHEM 211-212

CHEM 460
Polymer Chemistry
Three Credits LA
This course demonstrates to the student how to apply the basic principles of organic and physical chemistry to the understanding of the physical properties of polymers. This involves impressing upon the student the role that statistics and conformations of polymers plays in the correlation of molecular architecture and physical properties. Two lectures per week
Prerequisites: CHEM 211-212
Pre- or Corequisite: CHEM 361

CHEM 474
Research Methods in Chemistry I (Capping)
Four credits LA
This course serves as the capping course for all chemistry and biochemistry majors. The course is an introduction to chemical research and the tools required for successfully conceiving, planning, and conducting a research project. Class sessions alternate between traditional classes and a group meeting format. Assignments emphasize writing, critical thinking and presentation skills as well as literature search strategies, critical evaluation of literature, experimental design, research ethics, and statistical data treatment. Two lectures plus one three-hour laboratory per week.
Prerequisites: CHEM 212, CHEM 216, and CHEM 355

CHEM 475
Research Methods in Chemistry II
Two Credits LA
During this course the student will perform independent research under the direction of faculty mentor(s). The preliminary proposal will be prepared and approved in CHEM 474. Part of the preparation will be an agreement with a faculty member to serve as mentor, a plan to obtain equipment and supplies, and a reasonable timetable for completion of work.
Prerequisite: CHEM 474

CHEM 476
Research Methods in Chemistry III
One Credit LA
During this course the student will write a paper and orally present the results from the independent research performed in CHEM 475. Each student will present the paper at Marist with the other course participants, and subject to available funds, will also be expected to present either a talk or a poster at an external undergraduate research forum.
Prerequisite: CHEM 475

CHINESE

CHIN 101-102
Elementary Chinese I & II
Three Credits each LA
The elements of basic Chinese (Mandarin) pronunciation, reading, and writing with an emphasis on communication. Through the language study, the student is introduced to the Chinese culture. Mastery of the tonal aspect of the language requires regular practice with audio and video materials through the Language Center. This practice is a mandatory part of the homework. Closed to students from countries where Chinese is the of cial language. Offered annually.

CHIN 105-106
Intermediate Chinese I & II
Three Credits each LA
These courses provide further intermediate-level communication skills in spoken and written Mandarin while preparing students to function and communicate more effectively in Modern Standard Mandarin-speaking environments. Students also study strategies for decoding the Chinese language with linguistic overview of more structures and characteristics of Mandarin Chinese. The study of authentic texts and various aspects of Chinese society and culture will also be included. Closed to students from countries where Chinese is the of cial language. Offered annually when there is suf cient student interest.

COMMUNICATION

COM 101
Public Presentation
Three Credits LA
An introduction to the preparation, presentation, and evaluation of basic speech experiences for small groups, meetings, and mass audiences. The integration of content, physical performance, and presentation technology is stressed. This course employs peer and, ultimately, instructor evaluations that are based on organization of ideas, development and support of a thesis, verbal and visual aesthetics, and platform performance. Offered in fall and spring.

COM 102
Introduction to Communication
Three Credits LA
This course surveys the theories of communication relevant to all contexts – from conversations between friends and family to presidential town halls on the Internet. It introduces students to essential concepts and fundamental theories that describe the process, function, natures, and effects of communication. Offered in fall and spring.

COM 103
Digital Toolbox
Three Credits LA
Dual listed as MDIA 103
This course provides essential skills in digital media applications including developing text, still and moving images, information graphics, and audio les for Web-based presentation for a wide range of communication professions and serves as a foundation for more advanced courses involving Web-based production. Offered in fall and spring.

COM 107, COM 207, COM 307, COM 407
Special Topics in Communication
Three Credits each LA
Identi es and explores a topic or theme in communication not included in the regular course offerings. The speci c content is indicated when the course is listed in the schedule of classes. Offered as and when necessary.

COM 200
Communication Research: Strategies and Methods
Three Credits LA
This course introduces students to the practice of communication research in academic and applied settings. The emphasis will be on how to identify, evaluate,

the effects of communication upon relationships, and the environmental and cultural conditions that affect communication. Intrapersonal and interpersonal communication are studied to help the student improve his or her own skills and to provide a foundation in basic communication theory. Offered in fall.
Prerequisite:Sophomore standing

COM 204
Argumentation and Debate
Three Credits LA
A student enrolled in this class will learn how to formulate and analyze propositions, develop and conduct strategies for research, organize and analyze arguments, prepare cases, and evaluate support for arguments. Students will also learn techniques for the presentation of arguments in formal contexts and techniques for cross-examination. Offered as and when necessary.

COM 211
Fundamentals of Public Relations Theory & Practice
Three Credits LA
This course is designed to help students develop an understanding of public relations from a theoretical and a strategic management perspective. Speci cally, the course will help students trace the history and development of the eld; critically assess the role of public relations in modern societies; develop an understanding of theoretical concepts and practical techniques of public relations in interpersonal and organizationn undfo44.9 ;TJ ET EMC /Span <</Lang (enlml techniques 9tMC /Span <</Lang (en-US)/MCID 17333 >>BDC 4

of persuasive artifacts, learn how to detect deception, and learn how to construct effective persuasive messages. Offered in spring.
Prerequisite: ENG 120 or ENG 117

COM 304, COM 402
Seminar in Communication
Three Credits each LA
Advanced study in communication. Offered as and when necessary.

COM 305, COM 403
Independent Research in Communication
Three Credits each LA
Directed independent study and research under the supervision of a faculty member. Offered as and when necessary.
Prerequisites: Permission of instructor and Dean

COM 306, COM 308, COM 309
Internship in Communication
One, Three, or Six Credits each
Designed to be a professional work-related experience. Provides the student with a practical, hands-on opportunity to apply theory in a professional work setting. Seminar meetings afford students a chance to critically examine the relationship between theory and practice. Successful students will enhance their knowledge of communication theory and skills in a real-life atmosphere under the supervision of practicing professionals in advertising, journalism, multimedia, public relations, radio, television, and lm. Offered in fall, spring, and summer.
NOTE: Internships carry general elective credit and may not be used to ful ll communication elective requirements.
Prerequisites: Junior standing and permission of Internship Director; CRDV 100N

COM 314
Media Strategy
Three Credits LA
This course will focus on using traditional and new media to develop successful media strategies for all stages of the customer relationship cycle. Students explore media usage habits — what media consumers are using and how they use it — to provide guidance on the best ways to reach and dialogue with new and existing customers. Students learn techniques for developing, measuring and improving multi- touch communications strategies for acquiring new customers, retaining existing customers, encouraging repeat purchases and building long-term, pro table relationships. Offered in fall and spring.
Prerequisite: COM 102, and either COM 324 or COM 333

COM 322
Newswriting
Three Credits LA
This course will expand student skills in news reporting and writing. Assignments will provide practice in gathering news, evaluating information, and reporting on more complex issues. Newswriting in this course will move beyond the inverted pyramid style. Students will develop an understanding of the beat system and will practice writing a variety of news feature and analysis stories across multi-media platforms. Offered in fall.
Prerequisites: COM 242, COM 103, and sophomore standing

COM 323
Public Affairs Reporting
Three Credits LA
This course will focus on advanced and specialized public affairs and issues news reporting. Employing sophisticated methods, including public records searches, computer-assisted reporting and archival research, students will develop and polish their reporting and gain a greater understanding of how news is constructed in relation to institutions and people in public life. Offered in spring.
Prerequisites: COM 236, COM 322, and sophomore standing

COM 324
Research and Consumer Insight
Three Credits LA
This course educates students about the function of agency Account Planners. Students learn to uncover and utilize signi cant consumer insights to develop effective marketing and integrated communication strategies. Students will delve beyond consumer functional needs to understand the consumer's deeper needs. They will learn research techniques that will allow them to probe deeply into consumer motivations and desires. The student will learn how to probe and better understand consumer behavior, using relevant theories in this study of decision making. By the conclusion of class, each student will create and administer an original piece of consumer research, progressing from development through evaluation transforming researching consumer insights into consumer-focused strategy. Offered in fall and spring.
Prerequisite: COM102 and COM 220

COM 325
Intercultural Communication
Three Credits LA
Intercultural Communication provides an overview of the study of communication and culture. Both intracultural (i.e., communication between members of the same culture) and intercultural (i.e., communication between members of different cultures) aspects of communication will be examined. The focus will be upon isolating similarities and differences in intracultural and intercultural communication. Areas studied will include increasing understanding of the relationship between communication and culture; explaining the role of cultural patterns; verbal and nonverbal codes in the development of intercultural relationships; and explaining obstacles. Offered in fall and spring.
Prerequisite: Junior standing

COM 327
Magazine writing
Three Credits LA
This course will explore the techniques used in writing feature articles for magazines. Students will read and write extensively, and practice such writing concepts as voice, tone, character building, dialog, and pacing. Emphasis will be placed on writing for a speci c audience and the skills of idea generation and pitch writing, with attention to journalistic ethics. Offered in fall.
Prerequisites: COM 242, COM 103, and sophomore standing

COM 328
Magazine Layout and Design
Three Credits
Students will focus on the graphic design and typography issues involved in magazine layout. Students will explore the skills needed to create continuity and variety across a range of pages, present different kinds of inforT EMC /taxten

areas of the sports communication industry, the functions of the different media personnel, and the societal effects and impact of sports media and ethics on the industry. Offered in spring.
Prerequisites: COM 260, and sophomore standing

COM 400
Gender, Culture and Communication
Three Credits LA
This course explores the dynamics between gender, communication, and culture in today's society. Areas studied will include the following: how communication creates and perpetuates gender roles; how human behavior re ects socially created gender roles; how people can act and communicate to improve the individual and collective lives in terms of gender roles. This is an experiential course in which students will connect theory and research with their own lives. Offered in fall and spring.
Prerequisite: Junior standing

COM 401
Communication Capping
Three Credits LA
A capping course required of all Senior Communication Majors. The capping course brings coherence to a student's experience in the major by creating connections among the various sub- elds in which students have specialized, and it reinforces connections between the communication major, the student's cognate, and the student's experience in the Core. Offered in fall and spring.
Prerequisite: Senior standing, COM 200

COM 406, COM 408, COM 409
Advanced Internship in Communication
Nine, Twelve, or Fourteen Credits each
A professionally oriented seminar in which the student spends a part- or full-time apprenticeship learning and contributing to the operation of a communication-related facility. Completion of major requirements, course prerequisites, departmental screening, and clearance by the facility involved are necessary for participation in the seminar. The student is evaluated at the end of the semester by a facility supervisor and a faculty member who periodically visits the newspaper, radio or TV station, advertising agency, industrial or educational complex, or any other related facility where the student spends the senior seminar. Offered in fall, spring, and summer.
NOTE: Internships carry general elective credit and may not be used to ful l requirements for the major.
Prerequisites: Permission of internship director, CRDV 100N

COM 410
Advanced Copywriting
Three Credits LA
A professionally oriented class designed to build on the knowledge and skills already acquired in introductory courses in advertising. A prerequisite for this course is a working knowledge of both marketing and advertising strategies. In this course the emphasis will be on the advanced problem-solving processes, techniques, and copywriting skills necessary for creating superior advertising campaigns. Students in this course participate in theoretical, as well as practical, illustrative solutions to complex problems typical in the world of advertising. A portfolio of advertising campaigns is prepared by each student. Offered in fall and spring.
Prerequisites: COM 110, COM 210, and COM 310

COM 412
Advertising Research
Three Credits LA
This course explains the basic concepts of media research. It includes the planning of advertising measurement and methodologies for measuring advertising campaigns and messages. Recognition tests, recall and association tests, opinion and attitude ratings, projectile methods, laboratory testing, and analysis of content are each explained and studied. Research applications focus mainly, but not entirely, on audiences of the mass media including electronic and print media. Theme Research, Selected Target Audiences, Copy Research, Advertising Frequency Studies, Media Research, and Budget Research are topics considered in the course. Offered as and when necessary.
Prerequisites: COM 110, and COM 210

COM 358
Digital, Direct & Database Advertising
Three Credits LA
This course is designed to educate students on the critical components of digital, direct, and database advertising in order to develop successful advertising campaigns that will lead to ongoing product purchases and long-term, pro table customer relationships. Speci cally, the course covers using data to develop effective one-to-one advertising campaigns that reach the “right person,” at the “right time” with the “right message” and in the “right way.” It includes customer segmentation analysis, customized value propositions, offers, messaging, media strategy, metrics/measurement and campaign response and budget analysis. Offered in fall and spring.
Prerequisite: COM 329 (Creative Problem Solving) and COM 314 (Media Strategy)

COM 418
Communication Campaign Management
Three Credits LA
This course requires students to develop and apply research-based strategic planning to communication campaigns. This includes conducting research; setting appropriate goals and objectives; identifying relevant publics; constructing messages, tactics, and communication channels that are appropriate for each public; and using measurement and evaluation criteria to assess campaign outcomes. Students will also demonstrate pro ciency in writing strategic communication campaign proposals. Offered in fall and spring.
Prerequisites: COM 211, COM 212, and COM 333

COM 419
Case Studies in Public Relations Management
Three Credits LA
This course employs research and analysis of contemporary cases to expose students to the theory and practice of public relations management. Students will learn how to recognize, understand and deliver on various target audience needs as well as apply lessons learned to various public relations scenarios. Offered in spring.
Prerequisites: COM 211, COM 212, and COM 333

COM 420
Advanced Public Presentations
Three Credits LA
This course builds on the basic public presentation skills students have already acquired. It is designed to facilitate an advanced understanding of techniques (e.g., defusing a hostile audience, advanced delivery aspects, etc.), strategies (advanced persuasion formats), and tools (e.g., humor, PowerPoint, video-assisted feedback, etc.) that are often used in professional communication situations. Offered in fall.
Prerequisite:

COM 488
Comparative Communication Systems
Three Credits LA
Foreign press, broadcasting and lm, control and support; re ection of political systems, economic and social development; their function in formulating public opinion and national policy. Offered biennially.
Prerequisite:Junior standing

COMPUTING TECHNOLOGY

CMPT 103
Technology for the 21st Century
Three Credits LA
This hands-on course will provide students with an overview of the types of information resources found in libraries and with a working knowledge of the electronic resources available in the Marist College Library. In addition, information available via the Internet and the World Wide Web will be explored. Search techniques will be demonstrated and practiced. Critical thinking and evaluation of information resources will be emphasized throughout the course. The impact of the use and availability of information locally, nationally, and globally will be discussed. MLA and APA citation style will be used. Students will learn “when” and “why” to use computer skills as well as “how.” Students will develop information and computer literacy by applying various computer skills as part of the learning process.

CMPT 105
MS Excel
One Credit
An in-depth, primarily hands-on lab course during which students will learn to create and use spreadsheets. Building spreadsheets, using graphics, text enhancement, fonts, creating fonts and graphics, using built-in formulas, creating formulas, incorporating statistics, and a wide variety of other functions will be covered. Database and report generation will also be included.

CMPT 111
Game Studies Seminar
One Credit LA
The Game Studies Seminar is a one-credit course that surveys various topics related to video games and video game development. Different individuals including faculty and guest speakers deliver lectures on a variety of game topics including (but not necessarily limited to) computer science, physics, psychology, communications, art, multimedia, and business.

CMPT 120
Introduction to Programming
Four Credits LA
This course introduces students to problem solving with computer programming. Students will study some historical context for problem solving with programming while mastering introductory programming skills including but not limited to user interaction design, procedures, functions, scope, alternation, repetition, collections, and real-world modeling.

CMPT 130
Information Technology and Systems Concepts
Three Credits LA
This course establishes a foundation for the understanding of information systems in organizations. Applications and technologies are studied in relation to organization objectives. The student studies different types of systems such as MIS, DSS, EIS and basic applications such as Manufacturing, Finance, and Marketing. The student studies an overview of technology including hardware, software, Internet, World Wide Web, e-Commerce, database, and objects.

CMPT 220
Software Development I
Four Credits LA
This course builds on CMPT 120 to introduce our students to the art and science of software development. Students will study software development history while mastering SD skills including but not limited to real-world modeling and multi-language software development.
Prerequisite CMPT 120

CMPT 221
Software Development II
Four Credits LA
This course builds on CMPT 220 to continue our students’ progress towards true software craftsmanship. Students will study advanced concepts in software design and testing while developing skills including but not limited to the areas of advanced client-side programming, server-side programming, data integration, and thinking with portals.
Prerequisite:CMPT 220

CMPT 230
Software Systems and Analysis
Four Credits LA
This course establishes a foundation for the understanding of information systems in organizations and the methods used to analyze an organization’s information needs. Students who complete the course will have a working understanding of techniques for identifying requirements, clarifying and re ning requirements, and process modeling, all within an object-oriented framework. Students will gain an understanding of the system development life cycle, systems analysts’ roles and responsibilities, and the interpersonal skills necessary to analyze business problems.

CMPT 300
Management Information Systems
Three Credits LA
This course establishes a foundation for the understanding of information systems in organizations. An identi cation and basic explanation of the systems point of view, the organization of a system, information ows, and the nature of information systems in organizations. The relationship between systems and information to organizational objectives is exam5 ((mation to or)17.8 (g)5

CMPT 307
Internetworking
Four Credits
This course provides students with hands-on experience in setting up,

CMPT 335

E-Commerce Development and Design

Three Credits

This course is an in-depth study of the design and implementation of e-commerce applications and solutions. Conducting business over the Internet—whether between a consumer and a business, two businesses, or among a consortia of businesses—reveals a diverse range of requirements. In this course we will examine state-of-the-art techniques to address e-commerce from the perspective of applications-systems architecture, application-programming models, system platforms, Web and Internet standards, the underlying technologies, and leading e-commerce application solution-development environments. Students will develop an e-commerce application solution as a term project.
Prerequisite:CMPT 221

CMPT 404

Arti cial Intelligence

Three Credits LA

This course is an introduction to the major problems, techniques, and issues of arti cial intelligence. Emphasis is placed upon the topics of knowledge representation and problem solving. The languages LISP or PROLOG will be used to illustrate various AI techniques. Offered every fall.
Prerequisite:CMPT 435

CMPT 410

System Administration and Management

Four Credits

This course is a survey of tools and techniques used in the administration of an internetworking computing environment. Included will be system installation, le systems and le and directory-permission structures, device con guration and management, and user-account administration. Also included will be service administration and security and privacy issues. Students completing this course have experience in administering an internetwork of computers with a variety of services, including le service, print service, remote-access service, application

CRJU 301
Criminal Justice Organization and Administration
Three Credits
A study of organizational principles and theory: applications to criminal justice organizations, motivation, productivity, leadership principles, and psychological aspects of management/supervision. Planning processes, decision making, staf ng, and budget preparation are covered in depth.
Prerequisite:CRJU 101

CRJU 305
Juvenile Justice System and Delinquency
Three Credits LA
Dual listed as PRLG 106
The juvenile justice system is different in philosophy, logic, and practice from the adult criminal justice system. Different laws and different attitudes guide its ability to process juvenile offenders. These differences de ne this course and the socio-legal and nonlegal procedures that have been created to handle juvenile delinquents and pre-delinquents by police, courts, and corrections.
Prerequisites:CRJU 101

CRJU 306
Criminal Law and Procedure
Three Credits LA
A study of the general nature, development, and principles of criminal conduct, including a review of the New York State Penal Code and other selected state penal codes. The course will challenge the student to apply concepts learned from these codes to current, real-life situations.
Prerequisite:CRJU 101

CRJU 310
Criminal Justice Ethics
Three Credits LA
Relying on ethical theories of utilitarianism, Kantian and virtue ethics, this

CULTURE STUDIES/CIVILIZATIONS

Core/Liberal Studies Curriculum: Foreign-Language Option. Students may substitute one course in foreign culture for the second course in either history or literature.

CSAR 150
Arabic Cultures and Perspectives
Three Credits LA
Dual listed as ARAB 150
See ARAB 150 for course description.

CSCU 101
World Cultures through Feature Films I
Three Credits LA
Readings and viewing of feature lms on the cultures of North America, Central America, South America, Europe, Southwest Asia, and the Middle East. Offered in the fall, when there is suf cient student interest.
Prerequisite:ENG 120

CSCU 102
World Cultures through Feature Films II
Three Credits LA
Readings and viewing of feature lms on the cultures of North and sub-Saharan Africa, Southeast Asia, the Far East, and the Paci c world. Offered in the spring, when there is sufficient student interest.
Prerequisite:ENG 120

CSCU 103
Introduction to Global Issues
Three Credits LA

DATA 440
Machine Learning
Four Credits LA
This course provides a broad introduction to automated learning from data. Machine learning is the name given to the collection of techniques that allow computational systems to adaptively improve their performance by learning from past observed data. The course introduces the theoretical underpinnings of learning from data, the study of learning algorithms, as well as machine learning applications. Topics include: supervised learning (linear models, SVMs, MLPs) and unsupervised learning (K-means, GMMs), learning theory (generalization theory, bias/variance tradeoffs; Vapnik - Chervonenkis dimension); regularization methods, validation and models selection.
Prerequisite:MATH 330, MATH 210, CMPT 435

DATA 450
Data Mining & Predictive Analytics
Three Credits LA
Data Mining & Predictive Analytics is the name given to a group of disciplines, technologies, applications and practices for analyzing data and building models based on data. This course introduces basic concepts, tasks, methods, and techniques in data mining, including data exploration and pre-processing, classi cation, statistical modeling, association rules, clustering, text mining and web mining, social network analysis. A software package like R or IBM SPSS Modeler will be used.
Prerequisite:DATA 220 (Introduction to Data Analysis)

DATA 477
Data Science Project (CAPSTONE)
Three Credits LA
A project base course for the application of statistical modeling, data mining and machine learning techniques to large data sets. This course is intended only for data science majors.
Prerequisite:DATA 300 (Data Visualization), DATA 440 (Machine Learning), DATA 450 (Data Mining & Predictive Analytics)

ECONOMICS

ECON 103
Principles of Microeconomics
Three Credits LA
A course dealing with the analysis of supply and demand. Topics covered include the basic functioning of a free-enterprise economy; the evolution of markets and institutions; price behavior under both competitive and monopolistic conditions; demand and utility; equilibrium of the rm; marginal analysis and production theory; returns to the factors of production. [Formerly ECON 102.] Offered primarily in the fall.

ECON 104
Principles of Macroeconomics
Three Credits LA
Topics covered include analysis of the determination of national income through the investigation of consumption, investment, government expenditures and net exports; analysis of the determinants of in ation and unemployment; the role of government in the economy including scal and monetary policies, market failures and public goods. [Formerly ECON 101.] Offered primarily in the spring.
Prerequisite:ECON 103

ECON 150
Economics of Social Issues
Three Credits LA
This is an issues-oriented course that introduces essential economic principles and applies them to an array of important social questions. The course is designed to reveal how economics enables us to understand the analysis behind headlines and news stories about current events and policy questions as they arise in a global context. Concepts and issues from both microeconomics and macroeconomics will be addressed. This course is designed as a one-semester overview of economic principles for students in majors other than business, economics, and accounting. Offered every semester. Majors in Accounting, Business Administration, or Economics do not earn credit for taking this course.

ECON 200
Economics of Gender
Three Credits LA
The course will analyze the principal foundations of the political economic structure of Western Civilization from a gender perspecti /Span <</La7 94.]TJ ET E

unemployment, and discrimination. The emphasis is on a theoretical analysis of empirical phenomena.
Prerequisites: ECON 103, ECON 104

ECON 315
Money and Banking
Three Credits LA
This course studies the nature and function of money and banking in a market economy. Topics covered include the nature and role of money, the commercial banking industry, the Federal Reserve, money supply determination, the conduct of monetary policy, the demand for money, and the monetary transmission mechanism.
Prerequisites: ECON 103, ECON 104

ECON 320
Quantitative Methods in Economics and Business
Three Credits LA
Quantitative methods involve quantifying, measuring, and analyzing actual economic and business phenomena. After reviewing basic statistical theory that provides a foundation for the analytical techniques, the course explores the theoretical development of linear regression models as a basis for the understanding of econometric methodologies and their empirical application in economic data analysis, business forecasting, and decision making.
Prerequisite: MATH 130
Recommended: ECON 103, ECON 104, ECON 150; BUS 100 or BUS 202

ECON 321 Topic3ee 4clud5131ng (en-US)A hstuys]TJ 5 (pedicip<l 5 o5 ieU]TJ 5 (peoductan <f 0.dii rib)- courupan << f<economic44.9987 495.7294 Tm (ECON 3
Three Credits LA
Analysis of the theory and practice of government expenditure, taxation, and debt management. Topics include public goods, the budget process, scal policy, intergovernmental and local es:

curriculum in the secondary school, unit and lesson planning, recent trends in language-arts instruction, test construction, evaluation.
Corequisite:EDUC 410

EDUC 440
Early Childhood Education (Birth – Grade 2) Student Teaching
Three Credits
Student teaching is a capstone requirement for those candidates seeking Birth – Grade 2 certi cation. Student teaching serves as a rich clinical experience to apply the theory and practical knowledge, skills and dispositions gained from pre-requisite coursework. A candidate shall complete a twenty day supervised instructional experience in a Birth – Grade 2 setting. Candidates observe, teach lessons based upon assessment of learner needs, re ect on their impact on student achievement, support a classroom management plan consistent with the expectations of the school and cooperating teacher, participate in the day-to-day routines of the classroom and school, experience the school's culture, communicate with parents and school personnel, and maintain pupil records as requested.

This course will be offered as an attachment to the spring semester. Candidates will attend class sessions in preparation for their student teaching. The student teaching experience will follow Finals Week on a schedule developed in consultation with the Instructor. Student teaching requires a full time commitment. No other courses may be taken concurrently with student teaching unless the student obtains written permission from the Associate Dean for Teacher Education.

During the student teaching semester, candidates are REQUIRED to attend Student Teaching Seminar established by the Instructor.
Prerequisites:EDUC 101, EDUC 150, PSYC 208, EDUC 340, EDUC 341

EDUC 462
Student Teaching Practicum:
Childhood Education 1–6/Students with Disabilities 1–6

aboriginal varieties. The course allows the student to pursue questions of interest, e.g., the origin of language, language and gender, child language acquisition, and slang. Offered every year.

ENG 202
The Art of Poetry
Three Credits LA
An introduction to poetry with a focus on practical criticism: analysis of poems, acquisition of working vocabulary in description of poetic techniques, forms and effects. Allied readings in the theory of poetry and the nature of the creative process.

ENG 205
Modern Speculative Fiction
Three Credits LA
Readings in a wide range of 20th-century science fiction and fantasy writers.

ENG 207-208-209
Mini Courses in Literature
One Credit each LA
These three one-credit, five-week courses in literature are designed especially for the non-English major. Subject matter will be different for each offering. It may introduce students to an author (e.g., Chekhov, Wordsworth, Frost), or literary work (e.g., Gulliver's Travels, Huckleberry Finn, King Lear), or theme (e.g., the immigrant experience in American literature, the idea of initiation in the short story, the idea of love in modern poetry). Three courses are scheduled during the term consecutively in the same slot so that at registration the student may select one, two, or all three of the minis.

ENG 210
American Literature I
Three Credits LA
Introduces students to a number of New World writers, from 1620 to the Civil War, placing these in the context of significant historical and intellectual movements. The course begins with Colonial writers such as Bradford, Taylor, Rowlandson, and Bradstreet, moves to the 18th-century figures such as Edwards and Franklin, and culminates with writers of the American Renaissance: Emerson, Poe, Hawthorne, Thoreau, Melville. Offered every year.

ENG 211
American Literature II
Three Credits LA
Introduces students to a number of significant American writers from the Civil War to the mid-20th century. The course begins with Whitman and includes late 19th-century writers such as Dickinson, Twain, James, Freeman, Jewett, and Adams. Readings from a variety of early 20th-century novelists, essayists, poets, and playwrights will be selected, e.g., from Chopin, Lewis, Faulkner, Gilman, Wharton, Fitzgerald, Hemingway, Cather, Anderson, Eliot, Williams, O'Neill, Baldwin. Offered every year.

ENG 212
English Literature I
Three Credits LA
A broad survey of English Literature, represented by significant texts produced from the Medieval period through the Renaissance, by authors such as the Beowulf poet, Margery Kempe, Geoffrey Chaucer, Edmund Spenser, William Shakespeare, John Milton, and Aphra Behn. Offered every year.

ENG 213
English Literature II
Three Credits LA
A broad survey of English Literature, represented by significant texts produced from the Restoration through the early 20th century, including the work of such authors as Pope, Swift, Wordsworth, Dickens, Tennyson, Yeats, and Eliot. Offered every year.

ENG 214
Religious Themes in Literature
Three Credits LA
Dual listed as REST 214
An interdisciplinary study of significant religious and theological themes in contemporary literature as they illuminate the human quest for meaning. Offered every year.

ENG 218
Grammar, Style and Editing
Three Credits LA
A foundation course for the writing major and minor. This course has two primary objectives. First, it helps students produce texts free of grammatical and mechanical errors. Next, it shows students how to manipulate sentential and textual structures for stylistic and rhetorical effects in a variety of contexts. These objectives are fulfilled through exercises and editing assignments covering the students' own writing, peer samples, and works by writers from various periods and disciplines. Offered every year.
Prerequisite: Completion of ENG 185 or permission of instructor or chairperson

ENG 220
Literature and Gender
Three Credits LA
This course will examine literary texts with special emphasis on gender issues. Questions may be raised, for instance, about gender definitions and roles, gender and language, gender as a locus of economic, political, social, or literary power. Topics will vary from semester to semester. The course may be organized around a group of writers, a historical period or movement, a genre, a theme, or a combination of these. Offered every year.

ENG 221
Themes in Shakespeare
Three Credits LA
This course focuses on the plays (and, to some extent, on the nondramatic works) of Shakespeare. It seeks to increase the students' ability to understand, enjoy, and appreciate Shakespeare's writings, and to give students greater confidence in their ability independently to assign meaning to the plays.

ENG 222
Introduction to Professional Writing
Three Credits LA
This course will introduce you to professional writing genres such as reports, proposals, presentations, letters, and memos; to professional writing style; and to research approaches and methods useful for professional writers, including logic and the effective use of quantitative information. The course will focus on equipping you with strategies to edit and revise your work to meet the standards of professional communication. Given the nature of professional writing, the course will involve both individual and collaborative work.

ENG 231

Literature of the Hudson River Valley

Three Credits LA

This course introduces students to the work of authors who lived and wrote in the Hudson River Valley from the early 19th century through the present. Offering intriguing perspectives on regional landscape, culture, and social history, the work of these writers takes us from the rural magic of the Catskill mountains (Irving's Rip Van Winkle) to the urban poverty of Albany (Kennedy's Ironweed). Students may be surprised to learn just how many notable American writers spent

ENG 303
Screenwriting for Film and Television
Three Credits LA
Dual listed as MDIA 301
See MDIA 301 for course description.

ENG 306
Media Performance
Three Credits LA
Dual listed as MDIA 306
See MDIA 306 for course description.

ENG 308
Literary Critical Theory
Three Credits LA
The course examines the principal movements in critical theory. Starting with Plato, Aristotle, Horace, and Longinus, it follows the development of mimetic, formal, pragmatic, and expressive theories. The last section of the course will touch on some of the new directions in criticism since 1966: feminism, deconstruction, reader response, semiotics, psychoanalysis. Offered in alternate years. (Ful lls the Theory requirement for English Literature and Writing majors.)

ENG 310
Workshop in Playwriting
Three Credits LA
Designed to help the writer explore the special nature of writing for the stage. The student-playwright will experiment with shorter and longer forms, from the scene to the full-length play. In a preliminary attempt to discover a personal voice and style, the student will examine representational and non-representational approaches to dramatic writing. Scenes will be acted out and critiqued in the classroom, with special attention paid to suitability for production. Offered every fall.
Prerequisite:

ENG 329
Seventeenth-Century Literature
Three Credits LA
A detailed examination of poetry and prose of the century. The course focuses on important schools, such as Metaphysical and Cavalier; genres, such as elegies and country house poems; authors, such as Donne, Jonson, Milton, Marvell, Dryden; and periods, such as the Commonwealth and Restoration. Offered in alternate years. (Ful lls the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 331 or ENG 336.)

ENG 330
Medieval Literature
Three Credits LA
A study of literature written in the British Isles from the earliest records through the Old- and Middle-English periods up to the Renaissance, exploring the in uences of history, politics, national cultures, literary traditions, and social classes upon the development of that literature. Offered in alternate years. (Ful lls the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 361 or ENG 331.)

ENG 331
Renaissance Literature
Three Credits LA
A study of the prose and poetry of the English Renaissance, exclusive of Shakespeare, and the in uence upon the literature of intellectual, literary, political, historical, and cultural movements of the period. Major authors include Wyatt, Sidney, Spenser, Marlowe, Donne. Offered in alternate years. (Ful lls the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 330 or ENG 329.)

ENG 334
The Romantics
Three Credits LA
Focuses on the major works of Wordsworth, Coleridge, Byron, Shelley, and Keats, along with the revolution in poetry they helped to bring about in the early 19th century. Attention will be given to the political, cultural, and intellectual climate of the period. Offered in alternate years. (Ful lls the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 336 or ENG 335.)

ENG 335
Victorian Prose and Poetry
Three Credits LA
Poetry and non ctional prose of the years 1830–1880 with emphasis on selected works by such authors as Tennyson, Browning, Arnold, Carlyle, Mill, Ruskin, and the Rosettis. Attention is given to the intellectual and cultural climate in which these writers worked. Offered in alternate years. (Ful lls the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 334.)

ENG 336
Eighteenth-Century England and the Colonies
Three Credits LA
A study of the representative themes and gures of both England and the New World from the late Restoration through the turmoil of the Revolutionary period. Examination of the satiric mode through writers such as Swift, Gay, Pope, and Franklin; the meditative mode, through writers such as Edwards, Thomson, Wheatley, Gray, and Cowper; the critical/biographical mode, through writers such as Johnson, Boswell, Burke, Jefferson, Paine; the dramatic mode, through writers such as Sheridan, Goldsmith, Burney, and Tyler; and the narrative mode, through writers such as Fielding, Richardson, Rowson, and Equiano. Offered in alternate years. (Ful lls the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 329.)

ENG 339
Film and Literature
Three Credits LA
Dual listed as MDIA 339
See MDIA 339 for course description.

ENG 340
American Drama I
Three Credits LA
An exploration of the origins of theater in the American colonies and its development throughout the 19th and early 20th centuries. Types of drama such as the comedy of manners, farce, melodrama, and realism will be studied in relationship to the emerging American nation and to the status of drama in both the New World and in Europe. Playwrights studied will include, as examples, Mercy Otis Warren, Royall Tyler, William Dunlap, James Kirke Paulding, Dion Boucicault, Clyde Fitch, David Belasco, and Eugene O'Neill. Offered in alternate years. (Ful lls the Genre requirement for English Literature majors.)

ENG 341
American Drama II
Three Credits LA
An examination of dramatic literature and theatrical innovation in America from roughly the Great Depression to the present. Along with developments in dramatic realism, the emergence of sub-genres such as expressionism, surrealism, and the absurd will be studied in relationship to both their European counterparts and the social and cultural climate of America in the last two-thirds of the 20th century. Playwrights under investigation will include, as examples, Rice, Odets, Wilder, Barry, Hellman, Miller, Williams, Albee, Hansberry, Simon, Mamet, and Shepard. Offered in alternate years. (Ful lls the Genre requirement for English Literature majors.)

ENG 342
Contemporary English and American Poetry
Three Credits LA
Reading and discussion of poets who have come into prominence since World War II: Brooks, Lowell, Bishop, Plath, Hughes, Rich, Tomlinson, and others. Attention is given to developments in form and to important postwar movements, such as the Beats and the Confessionals, as well as to attitudes and themes that give signi cance to the term "contemporary." Offered in alternate years. (Ful lls the Genre requirement for English Literature majors.)

ENG 345
Modern Irish Literature
Three Credits LA
Reading and discussion of Irish literature written in the English language from the beginning of the Irish Literary Revival (late 19th century) to the present:

Contiguous Course requirement for English Literature majors when paired with ENG 346 and ENG 348.)

ENG 348
American Modernism
Three Credits LA
A study of American literature in the rst half of the 20th century, emphasizing contributions of American writers to Modernism. Readings drawn from a variety of genres will illustrate the richness and diversity of the era, which

religious faith, cultural traditions, and the pull of modernity. The reading list for the class will include works by Franz Kafka, Isaac Bashevis Singer, Cynthia Ozick, Philip Roth, and others. Offered in alternate years. (Ful lls Comparative/Ethnic/National requirement for English Literature majors.)

ENG 371
The Hebrew Bible as Literary Classic
Three Credits LA
Dual listed as REST 371
This course examines the range and variety of literary forms contained in the Bible. It seeks to identify those qualities, stylistic and conceptual, which unify this collection of ancient Hebrew writings as well as those qualities which have made the Bible an all-time best seller. Attention will be given to the historical and cultural background, but the emphasis will be upon literary and aesthetic considerations. Offered in alternate years. (Ful lls Comparative/Ethnic/National requirement for English Literature majors.)

ENG 373
Literature of the Holocaust
Three Credits LA
The focus is on signi cant works of modern literature in ction, drama, poetry, and autobiography which present the Nazi Holocaust as the experience of individuals: victims, perpetrators, bystanders. Themes, motifs, and images in these works will be considered, along with fundamental questions raised about man and human life. The readings should offer a deeper understanding of a uniquely tragic event of the 20th century, one which has in uenced the lives of all of us. Offered in alternate years. (Ful lls Comparative/Ethnic/National requirement for English Literature majors.)

ENG 380
Workshop in Non ction
Three Credits LA
Study of, and guided practice in, a variety of contemporary non ctional forms and modes, e.g., the feature article and familiar essay, satirical and humorous writing, autobiography. More extended attention to rhetorical considerations of style, tone, and persona or voice. Offered every year.
Prerequisite:ENG 180 or ENG 280, or by permission of instructor

ENG 382
Workshop in Fiction
Three Credits LA
The student is given the freedom to explore individual potential in the writing of short ction. Course includes workshop sessions, discussion of student work, and readings on the craft of ction. Offered every year.
Prerequisite:ENG 180 or ENG 280, or by permission of instructor

ENG 392
Special Topics in English
Three Credits LA
Identi es and explores a literary, linguistic, theatre, or writing topic, usually more specialized than regular offerings. Previous topics have included Language and the Mind, D. H. Lawrence, American Women Poets, the Prose Poem, and Acting Shakespeare, among others. Offered at least once every three years.

ENG 403
Advanced Screenwriting
Three Credits LA
Dual listed as MDIA 401
See MDIA 401 for course description.

ENG 427
Seminar in English Literature
Three Credits LA
Advanced study of a British intellectual and aesthetic movement, or of a literary problem, theme, topic, or writer. Offered every three years.

ENG 428
Junior/Senior Research Seminar
Three Credits LA
The seminar offers in-depth treatment of topics In genre, historical periods, critical theory, tropes or themes, single authors, and other areas of literary study, with an emphasis on archival and bibliographic research methods. The seminar model allows for greater classroom participation by each student and more extensive research projects, culminating in a substantial nal essay. Topics vary by semester. May be repeated for credit, provided topics are different.

ENG 429
Independent Research: English Literature
Three Credits LA
Offered upon request. Permission of instructor required.

ENG 435
Theatre in the Round
Three Credits LA
The course is intended for playwrights, actors, directors, and production persons who wish to meet the artistic and logistical challenges presented by performance in which the playing area is surrounded by the audience. Through a series of exercises, students will produce short scenes and one-act plays based upon original material generated by those in the class. After preparing them via workshop activities, these works will eventually be presented in appropriate spaces to an external audience. (Ful lls either upper-level writing credit for the English Writing major or Theatre Arts credit for the English Theatre major.)

ENG 440
Senior Research Methods in Literature
Three Credits LA
This course introduces students to advanced literary research methods, both those in traditional print and those in new electronic forms. In addition to becoming familiar with the essential methods of research and research tools in the eld of literature, students will develop and undertake a research project that will serve as a senior thesis, in effect completing their literature specialization.

ENG 442
Independent Research: American Literature
Three Credits LA
Offered upon request. Permission of instructor required.

ENG 443
Seminar in American Literature
Three Credits LA
Advanced study of an American intellectual and aesthetic movement, or of a literary problem, theme, topic, or writer. Offered every two to three years.

ENG 451
Theatre Workshop
Three Credits LA
This workshop offers the student an opportunity to study and experience one or more of the roles of writer, actor, and/or director. The student's projects for the semester are arranged by an individual contract between the student and the instructor. Offered every year.
Prerequisite:ENG 350 or permission of instructor

ENG 477
Capping Course
Three Credits LA
A capping course required for all Senior English majors. Topics vary. Offered every year.

ENG 490
Independent Writing Project
Three Credits LA
This course is mainly for English Writing Concentration majors and minors. Students will prepare a written proposal prior to the start of class and submit it to the professor. The proposal will outline the student's writing project for the semester including expected goals and outcomes. Upon approval, the student will produce a signi cant portfolio of work under the tutelage of the professor. The

aim of this course is to have students graduate from the program with a signi cant body of written work. This course may be taken instead of an internship.

ENG 497-498-499
Internship in English
Three-Six-Nine Credits
The Internship in English is highly recommended for juniors and seniors. The English Department offers three different internships that correlate well with the three concentrations in the major: Writing, Theater, and Literary Research. Each is designed to provide experience leading to a professional career, offering practical training related to the student's concentration or interests. Recent placements include advertising rms, PR consultancies, theater companies, news media, TV shows, and the college's Writing Center. The Research internship allows advanced students the opportunity to work directly with English faculty as research assistants, learning the skills necessary for graduate study, research, and teaching. Each intern compiles a portfolio of works from the assignment. The intern's training is supervised by the employer on site as well as by the internship coordinator on campus. Internships in writing ful ll part of the upper-level writing major and minor requirements. Available every semester.
Prerequisite:Permission of internship coordinator

ENVIRONMENTAL SCIENCE & POLICY (ES&P) COURSES

ENSC 101
Introduction to Environmental Issues
Three Credits LA
Examines natural systems, adverse impacts of human activities upon these systems, and how society deals with these impacts. Topics may include ecology; biodiversity; forests and deforestation; human population growth and control; food production and world hunger; energy resources; and water and air pollution. In addition to the science of these topics, related politics, economics, and ethics are discussed. Offered each semester.

ENSC 125
Field and Lab Experience
One Credit LA
A diversity of experiences will complement and add to topics covered in ENSC 101 lecture. These will provide tangible examples of the scope of environmental science and policy, ranging from developing observation skills in the natural world, eld and lab measurements and experimentation, and practical applications in utilities and other organizations.

ENSC 202
Environmental Politics and Policy
Three Credits LA
Dual listed as POSC 202
The nature, composition, and organization of parties and pressure groups; the role played by these two forces in the political process; history and programs of parties and pressure groups will be analyzed. Also the nature of contemporary voting behavior is examined.
(Does not ful ll Core/LS Natural Science requirement.)
Prerequisites:ENSC 101, POSC 110

ENSC 210
Introduction to Geology
Three Credits
This course focuses on Earth's geologic resources and how they in uence man's use of the physical world. Topics include plate tectonics; earthquakes; rock and mineral formation; weathering and erosion; groundwater and surface water; stratigraphy and energy resources; glaciation and geologic history. Students make observations and measurements and translate them into meaningful data from which inferences can be drawn. Through hands-on experience, students gain skills of map reading, identi cation of minerals and rocks, interpretation of geologic and topographic maps.
Prerequisite:ENSC 101

ENSC 212
Introduction to Geology Laboratory
One Credit LA
Laboratory to accompany ENSC 210.
Corequisite:ENSC 210

ENSC 230
Introduction to Geographic Information Systems
Three Credits LA
This course will provide an introduction to Geographic Information Systems. A Geographic Information System is a series of tools to create, edit, maintain, and analyze maps and data about features that occur over a speci c geographic area. The course will detail the terminology, concepts, and applications that are commonly used with GIS. Hands-on training will be provided in the labs for input and edit functions, ad hoc query and analysis functions, and facilities-management functions.
(Does not ful ll Core/LS Natural Science requirement.)
Prerequisite:ENSC 101

ENSC 305
Environmental Economics
Three Credits LA
Dual listed as ECON 305
A policy-oriented examination of the relationship between the economy and the natural environment. Topics include the environmental consequences of economic growth and development; the labor market impacts of environmental legislation; and the economic theories of "public goods" and "social costs."
(Does not ful ll Core/LS Natural Science requirement.)
Prerequisite:ECON 103

ENSC 306
Environmental Health
Three Credits LA
This course explores the relationship between the environment and human health, and what people can do to protect and enhance their physical well-being while, at the same time, have a positive in uence on the quality of the environment. The course is designed to familiarize students with the eld of environmental health, the common problems encountered by people in this profession, and the basic scienti c and technical reasoning used in addressing those problems. Emphasis is on providing a general understanding of how environmental factors are involved in the transmission of communicable diseases and the health hazards resulting from exposure to chemical and physical materials in our environment.
Prerequisite:BIOL 130 or BIOL 101 or ENSC 101

ENSC 308
Introduction to Occupational Safety and Health
Three Credits LA
In 1970 the federal Occupational Safety and Health Act (OSHA) was passed. Employers have been required since then to provide a safe and healthy workplace for their employees. Knowledge of these standards is important when applying for employment in science and business. This course will provide knowledge of those standards including hazard communication, laboratory safety, safety and health management, blood-borne pathogens, and personal protective equipment. Upon completion of this course, students will receive the OSHA 30-hour training certi cate for General Industry.

ENSC 309
Environmental Chemistry Laboratory
One Credit LA
This course is designed to provide the student with an understanding of the reactions, transports and effects of naturally occurring chemical systems. The major modern anthropogenic pollutants and their effects upon the environment will also be studied. Students will become acquainted with facilities such as; the on-campus River Laboratory, the Mobile Aquatic Laboratory, the Hudson River monitoring station (HRECOS), and analytical instrumentation including: ICP, portable GCMS, handheld XRF, and HPLC. Instrumental techniques used will include UV/Visible spectrophotometry, ame and furnace atomic absorption spectrophotometry, and gas chromatography.
Prerequisites:CHEM 111, CHEM 115, and CHEM 202 or CHEM 215

Corequisite:ENSC 310

ENSC 310
Environmental Chemistry
Three Credits LA
This course is designed to provide students with an understanding of the reactions, transport, and effects of naturally occurring chemical systems. The course will include procedures of collection and analysis of soil, water and air environmental samples. The science of nanotechnology and related environmental concerns will be considered. The major anthropogenic pollutants and their effects upon the environment will also be studied. Safety procedures and regulations will be included.
Prerequisites:

ENSC 415
Environmental Science & Policy Seminar
One Credit LA
This discussion-based course serves as a forum for students from the Science

FASH 200
Textiles: Studies & Applications
Three Credits
A comprehensive overview of the textile industry. Students develop a basic knowledge of bers, yarns, cloth construction, nishes, and textile terminology. Theoretical knowledge is applied to fabric selection for appropriate end uses.
Prerequisite: FASH 100

FASH 210
Design Studio Techniques
Three Credits
This course is an introduction to professional construction techniques and terminology used in the apparel industry. Hand and machine sewing will be addressed as well as proper use of industrial equipment and tools. Pattern layout, cutting and creation of rst sample spec sheets will also be introduced. FD Majors Only. Minimum grade of C required to take the next course in Design sequence, FASH 230.

FASH 230
Apparel Development I
Three Credits
This course is an introduction to patternmaking and draping for apparel design. Students will learn the fundamentals of two dimensional patternmaking and three dimensional draping. The relationship between the two methods is emphasized. Fit, silhouette, proportion, fabrication, customer pro le and trend analysis will also be introduced. Offered in Fall semester only.
Prerequisite: FASH 210 with minimum grade of C

FASH 231
Apparel Development II
Three Credits
This course is a continuation FASH 230. Advanced patternmaking and draping techniques are covered with a focus on body contouring and soft silhouettes. Advanced construction and tting techniques are also covered. Offered in Spring semester only. This course is a co-requisite with FASH 240.
Prerequisite: FASH 140 & 230 with minimum grade of C

FASH 235
Fashion Trend Forecasting & Analysis
Three Credits
In this course students will learn the mechanics of trend and its function in the business of fashion. This course addresses the identi cation, gathering, communication and presentation of trends as the responsibility and procedures of the fashion forecaster. Students will use consumer-insight techniques to understand and track trends and use them to inform their research, design and product development.
Prerequisite: FASH 100

FASH 240
Fashion Design II: Presentation
Three Credits
Students develop advanced drawing techniques by rendering various fabric textures, colorations, prints, and weights. Students begin to design themed collections from inspiration to nal presentation. Students also prepare technical ats and supporting materials to help communicate their designs. The ability to professionally present their work is emphasized. Offered in Spring semester only. This course is a co-requisite with FASH 231.
Prerequisite: FASH 140 & 230 with minimum grade of C

FASH 245
Digital Fashion Design I
Three Credits LA
This course is an introduction to basic tools and techniques of digital media design as related to the contemporary fashion industry. Adobe® Illustrator and Photoshop, as universal platforms, are examined in depth. Projects and weekly assignments are designed to give the student an understanding of the differences between these two interfaces and the distinction of their uses as an object/vector oriented program (Illustrator) and an image/raster oriented program (Photoshop). FD & FM majors or minors.

FASH 261
Event Planning
Three Credits
This course introduces students to special event planning processes and techniques. Emphasis is on creating, organizing, identifying sponsors for, marketing and implementing large-scale events for the community or businesses. Topics to be explored include vendor interaction, contracts, fundraising, budgeting, ethics and other aspects. When possible, students will organize an actual event.
Prerequisite: FASH 100

FASH 265
Retailing Principles & Practice
Three Credits
This course is designed to provide an introduction and overview of the various types of retail organizations. The buying cycle is analyzed as a series of strategic decisions made by retail managers in order to communicate more effectively with their customers through the utilization of multi-channel retailing opportunities and the identi cation of potential target markets through the analysis of demographics and psychographics. SWOT is introduced as a tool for understanding and positioning retailers in today's competitive marketplace.
Prerequisite: FASH 100

FASH 266
Writing for Fashion
Three Credits LA
This course combines instruction in the unique nature of fashion writing with the fundamentals of fashion magazine production. Emphasis is placed on identifying audience, choosing powerful content and telling the story of the Marist Fashion Program through both written and visual means. Students can elect to specialize in writing, art direction or layout. Permission of instructor required.

FASH 267
Textile Design
Three Credits
This course will encompass the hand printing techniques for textile design with an emphasis on silk screening for ready-to-wear fabrics. Techniques covered will include: batik, hand painting, stenciling, block and placement printing. Special techniques for appliqué, devoré, embroidery, pleating and smocking will also be covered.
Prerequisite: FASH 200

FASH 268

budgeting, ethics and other aspects. When possible, students will organize an actual event.
Prerequisite:FASH 100

FASH 295
Fashion Show Production
Three Credits
This course provides hands-on experience in the functions and procedures of professional fashion show production. It analyzes the promotional and selling

that occurred as an action or reaction to that environment, the student will gain fundamental knowledge of the mechanics and dynamics of cycles, trends and fads that constantly initiate change in the contemporary world of fashion.

FASH 377, 386, 387, 393, 394, 396, 397, 398, 399, 482
Fashion Internship
One to Fifteen Credits
Students are offered opportunities for professional internships during their junior and senior years. Internships are possible in designer rms, apparel manufacturing companies, textile companies, and retail organizations both locally and in New York City. Each intern has an on-site supervisor as well as a faculty supervisor. Allowable credits are determined by the internship coordinator.
Prerequisite: Permission of the Internship Coordinator and Program Director

FASH 400
Employment Seminar
One Credit
This course helps graduating students to identify and pursue a ful lling career. Topics include networking, resume guidelines, company research, and interviewing skills.
Prerequisite: FASH 100

FASH 415
Advanced PDM Software
Three Credits LA
Students learn the apparel product development process via a web based product data management solution called Web PDM. This solution will shorten cycle time and reduce development cost of apparel companies by streamlining the tasks involved and using just Gerber WebPDM to de ne all of the technical aspects. Students will de ne a concept company and develop a small line catered to a target market and process all tasks related to creating the product using various tools that will all be used in conjunction with Web PDM. The student will be responsible for developing a market calendar around key dates. These key dates will include: Initial Concept, Brand/Season Strategy, Design Review.

Students will utilize clothing vocabulary and terminology as it pertains to current and historical references of different garments, silhouettes, and their parts. It also examines the elements and principles of design, emphasizing proportion and pleasing balance.
Prerequisites: FASH 245, FASH 300

FASH 455
Global Merchandising Strategies
Three Credits
Explores the global aspects of retail strategies through the examination of the economic, geopolitical, cultural and other factors governing the basic tenets of today's globalized marketplace. Various international regions are analyzed in terms of their market characteristics and current retail environment. U.S. retailers operating globally are also discussed and analyzed in detail. Topics include fair trade, free trade, sustainability, and the expansion of the globalized marketing system through multi-channel retailing.
Prerequisite: FASH 265

FASH 477
Fashion Merchandising Capping
Three Credits LA
A capping course required for all Senior Merchandising Majors. The Capstone project requires the student to relate his/her knowledge of fashion merchandising related courses and the core to a research project. Offered Fall and Spring Semesters
Prerequisites: By concentration

FASH 478
Fashion Design Capping I: Portfolio Development
Three Credits LA
In this course students develop a professional portfolio exhibiting their individual style and specialization in the design eld. Through individual discussions and critiques of design work, each student creates a portfolio demonstrating the broadest range of their designs, illustrations, technical ability, and garment knowledge. Offered in Fall semester only. Ful lls Part I of the capstone

FREN 440
French for Current Affairs
Three Credits LA
An advanced translation course aimed at developing specialized vocabulary and reading skills in elds relevant to current affairs and to students' customized elds of study (politics, science, business, cultural analysis, law, arts, etc.). Course material is drawn almost entirely from Internet resources to illustrate the principal syntactic, lexical and cultural challenges of professional translation. Special attention is paid to the use and limits of online machine translation and to the distinct demands of simultaneous interpretation. Offered on campus every two years, and may also be taken abroad.

FREN 477
Capping Course
Three Credits LA
A capping course required for all senior French majors. It is an independent-study program based on a one-to-one teacher-student relationship. The student researches and completes a semester-long project on a subject agreed upon with the supervising professor. With the objective of developing a professionally focused uency, double majors coordinate their chosen thesis topic with their second eld of study. The Capping project incorporates eld work; a written report with an accompanying media product; and a professional oral presentation at the annual Capping Conference of the Department of Modern Languages and Cultures.

GAMES AND EMERGING MEDIA AN8an <</Lang

GAME 101
Introduction to Games
Three Credits LA
This course is an introduction to games and emerging media. It will focus on the (e0.5 (inoBT /T1_2 1 Eia.5 (media.)0.6 (It)0hv)14p(inoBT AeES)85 ra.)0.6 (It)0.5 (wildin5 (th, and eir) and (ewTm (FREN 477tion)]TJ E2o6 (wildin5 (th, and eir)

GERMAN

GERM 101-102
Elementary German I–II
Three Credits each LA
Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading, and writing. Through the language study, the student is introduced to the German culture. Closed to heritage speakers of German. Offered annually.

GERM 105-106
Intermediate German I–II
Three Credits each LA
A continuation of the elementary course. The basic language skills are pursued more intensively and thoroughly. A better understanding of German culture

HLTH 211

Sport and Exercise Psychology

Three Credits LA

Dual listed as PSYC 211. See PSYC 211 for course description.

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Topics in Nutrition

Three Credits

This course is designed for non-science majors to learn scienti cally supported as well as traditional approaches to nourishing and healing the body which can be incorporated into personal, daily, good health practices. An emphasis is placed on multicultural, political, and ecological dimensions of dietary choices. The concept of f0:S edcinet concept of cmponienS

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Revolution, the emergence of the state as the nation's leading economic power, and the economic, political, and cultural importance of New York City in the 20th century.

HIST 223
American Military History 1607–Present
Three Credits LA
This course examines the historical evolution of warfare with emphasis on the American military experience from the colonial era to the end of the Gulf War. During the course we will focus on leadership in battle, activities at the three levels of war, the relationship of the military establishment to its society, and continuity and change in warfare.

HIST 226
American History to 1877
[illegible]
This course traces the evolution of American society from the period of European colonization through the Civil War era. It surveys major social, economic, and political developments that shaped the individual colonies and regions of the New World, led to the movement for independence, formed the basic structure of the new nation, underlay expansion and rapid social change, and contributed to the coming, ghting, and consequences of the Civil War.

music from its rebel roots in the margins of America to its explosion as a mass commercial and cultural phenomenon, we consider the complex dynamics of race, class, and gender difference in the twentieth century. A serious commitment to history, and a matching commitment to take music seriously, is a must for this course.
Prerequisite: Six credits in history

HIST 309
American Colonial Experience
Three Credits LA
This course focuses on the pre-revolutionary era. It examines the transit of European cultures to the New World and the subsequent evolution and modi cation of these cultures. Particular emphasis is given to the development of a provincial society and the coalescence of the movement for political independence. Offered biennially.
Prerequisite: Six credits in history

HIST 310
American Revolution
Three Credits LA
This course explores the history of North America in the era of the American Revolution, approximately 1760–1800. This period witnessed a colonial war for independence and signi cant changes in American ideas on politics, law, and the role of the citizen in society. In addition, this course will examine the social discontent that characterized this period. Offered biennially.
Prerequisite: Six credits in history

HIST 312
History of the American Presidency
Three Credits LA
Dual listed as POSC 312
See POSC 312 for course description.
Prerequisites: Six credits in history

HIST 313
The Vietnam War
Three Credits LA
This course takes a global history approach to the American war in Vietnam. As such, the focus will be on Vietnam itself, the development of American involvement in Vietnam, and the global context. We will focus on the military, political, cultural and social history of the war, and trace the complexity of its origins, impact, and legacy for both sides in the con ict. We will also critically analyze the basis and value of comparisons between the Vietnam War and current con icts.
Prerequisite: Six credits in history

HIST 314
Witchcraft and Sorcery in Pre-Modern Europe
Three Credits LA
The early modern [illegible] phenomena. [illegible] with when considering the preoccupation with witchcraft in the fteenth-eighteenth centuries. Main topics of discussion include “popular” versus “learned” religion; issues of gender in the witch hunts; geographical comparisons

HIST 364
Civil War and Reconstruction
Three Credits LA
A study of America from 1848–1877, emphasizing the causes, the course, and the aftermath of the Civil War, with a consideration of the lingering effects of the con ict on American society, North and South. Offered biennially.
Prerequisite:Six credits in history

HIST 375
Race in Latin American History
Three Credits LA
An examination of the signi cance of race in Latin America from contact through the present. Emphasis will be placed on: the signi cance of race in the construction of social hierarchy; the meanings and uses of race among both elites and subalterns; and the relationships between racial and national identity. Offered when there is suf cient student interest.
Prerequisite:Six credits in history

HIST 381
Film & History
Three Credits LA
Dual listed as MDIA 323
See MDIA 323 for course description.
Prerequisite:Six credits in history

HIST 292, 293, 294
Special Topics in History I–II–III
Three Credits each LA
“Special topics” courses serve as a vehicle by which historians may offer a topical or thematic class not included in the regular course offerings. The speci c content is indicatw 8 0 0 8 35.9987 475.7294 la

HONR 340-343

Honors Seminar in Global Engagement

Three Credits LA

This course focuses on the legal, cultural, ethical, religious, and social, economic, and political frameworks that exist in countries outside of the United States. The purpose of this course is to discuss how these cultural norms impact social and economic conditions in the rest of the world, as well as relationships between

HONR 420

Honors Thesis Project

Three Credits LA

This is a student-designed independent study for Honors students. The Honors project is overseen by a faculty mentor and the Honors Director and Honors Council. Projects encourage students to explore and develop their own various talents and interests.

Prerequisite:Senior standing

HONR 495

Honors Senior Seminar

Three Credits LA

This course provides a culminating experience for Honors students by asking them to re ect on their education at Marist College and by assisting their transition into the world beyond the College and the Honors Program.

Prerequisite:Senior standing

PROFESSIONAL STUDIES

would be practical for persons in business and travelers. Taught in English. Offered every year.

LATIN

LAT 101-102
Elementary Latin I–II
Three Credits each LA
A basic introduction to the study of Latin grammar, vocabulary, and Roman culture. No previous knowledge of Latin required. Latin 102 may be used to ful ll the foreign-language option of Core/LS. Offered annually.

LAT 105-106
Intermediate Latin I–II
Three Credits each LA
Advanced study of grammar, stressing forms and syntax, with readings from classical authors, and a continuation of the study of Roman culture. Offered when there is suf cient student interest.

LEARNING CENTER

LERN 104
Self Development
Three Credits LA
This course is designed to introduce students to theories which promote self-development. Topics include: values clari cation, goal setting, motivation, multiple intelligences, assertiveness, time management and self-esteem. Students will apply these theories to their individual goals in order to enhance their self-management skills, thus enabling them to be more successful in their personal, educational and professional lives. Offered every semester.

LERN 105
Critical Reading and Thinking
One Credit LA
This course is designed to develop the critical and inferential reading skills required in all college work. Using college-level reading materials in various genres and disciplines, the student will practice principles of analysis as well as comprehension of content. This course meets once a week.

LERN 119LEARNING CENTER948RNING CENTER

specialized statistical techniques. Appropriate technology will be selected by the instructor. This course is offered upon suf cient student demand.
Prerequisite:MATH 130

MATH 205
Discrete Mathematics
Four Credits LA
This course introduces the algebraic concepts, methods, and techniques that form

function and a homeomorphism. Subspace, product, and quotient topologies are introduced, and the fundamental topological features of connectedness, compactness, and the Hausdorff separation property are studied. Additional topics in point-set, geometric, or algebraic topology may be included according to the interests of the instructor and the class. Offered upon sufficient student demand.
Corequisite: MATH 410 or 420

MATH 452
Foundations of Mathematics
Three Credits LA
This course considers mathematical systems, mathematical logic and proof, the real number system, and topics in the philosophy of mathematics. Offered upon sufficient student demand.
Prerequisites: MATH 210, MATH 343, or permission of the instructor

MATH 470-471
Advanced Topics in Mathematics I–II
Three Credits each LA
These courses are designed for upper-level mathematics students. The course format is flexible and will be chosen to respond to the needs of the students participating and the nature of the subject being studied. The topics considered must have upper-level prerequisites, but may otherwise be chosen to satisfy student and faculty interests. Offered upon sufficient student demand.
Prerequisite: Permission of instructor

MATH 477
Capping Course
Three Credits LA
This course helps students to unify and integrate their mathematical education and to place it in a broader context of scientific, philosophical, and social issues. Each student selects a topic, makes two presentations to the seminar, and prepares a major paper. When appropriate, there may be presentations by faculty and outside speakers, but the focus will be on student activity. Topics for consideration will be chosen from the areas of philosophy, foundations, history, and applications. Offered every spring.
Prerequisite: Senior standing or permission of the instructor

MEDIA STUDIES AND PRODUCTION

MDIA 101
Introduction to Media Studies
Three Credits LA
This course introduces students to theories, history, production practices, research, and writing associated with media studies. Students will critically examine various media such as film, television, games, websites, social media, and radio. Media convergence, ethics, storytelling, culture, and creativity will be explored throughout the course. Offered every year.

MDIA 103
Digital Toolbox
Three Credits LA
Dual listed as COM 103
This course provides essential skills in digital media applications including developing text, still and moving images, information graphics, and audio files for Web-based presentation for a wide range of communication professions and serves as a foundation for more advanced courses involving Web-based production. Offered in fall and spring.

MDIA 110
Introduction to Design
Three Credits LA
This course will help students use media to more effectively communicate ideas, perspectives, and knowledge. Students will be introduced to the aesthetic principles of designing interactive media, including composition, color, navigation, typography, layout, texture, interactivity, iconography, and imagery. There will be hands-on practice in character sketching and storyboarding, visual research, paper prototyping, web design, and basic animation. Topics include visual signification, the social and aesthetic functions of the image, DIY, and the language of emerging media. The focus will be on digital, interactive and screen media, such as games, apps, websites, and mobile. Film, television, comics and print media will also be included. No prior knowledge or technical expertise is required. Offered every year.

MDIA 120
Art of Film
Three Credits LA
An introduction to the techniques, aesthetics, forms, functions, effects, and values at work in cinema. Students will learn to identify and analyze the techniques and methods used in a wide range of films with the goal of demonstrating how meaning is created. This course fulfills the Core Distribution Requirement in Fine Arts. Offered in fall and spring.

MDIA 201
Writing for Media
Three Credits LA
This course emphasizes writing style and mechanics, pre-writing techniques and idea generation, concept pitching, workshopping, storyboarding, and basic dramatic and comedic principles as students create professionally formatted scripts for a variety of common and emerging media. Projects include writing public service announcements, short films, podcasts, episodic television shows, video games, and interactive experiences. Offered in fall and spring.
Prerequisite: Sophomore standing

MDIA 203
Video Production
Three Credits LA
An introduction to the major areas of video production: practical camera operation, audio production, lighting, Three Credit6J ET EMuti11_2 1jor areas of vid

develop concepts into treatments and step outlines for feature-length movies or hour-long television scripts. Offered in fall.
Prerequisites: ENG 117, junior standing

MDIA 302
Editing
Three Credits
This course seeks to develop both technical skills and aesthetic sensibilities necessary for video editing. Students will become familiar with Avid, learning tools and time-saving techniques of nonlinear editing work ow. Approaches to editing speci c types of programs such as interviews, dramatic narratives, and music videos will be explored. Graphics creation and audio enhancement will also be covered. Offered in fall and as necessary.
Prerequisite: MDIA 203 or instructor's permission

MDIA 304
Audio Production
Three Credits
Fundamentals of audio recording, editing, mixing, and processing are addressed in a broad range of applications, including radio, lm, television, music production, and audio for the Internet. Also includes theoretical concepts about the nature of sound and psychoacoustics. Offered in fall and spring.
Prerequisite: Junior standing or instructor's permission

MDIA 305
Lighting and Cinematography
Three Credits
In this course students will study the artistic, aesthetic and technical elements of cinematography and lighting as they relate to single camera lm and video production. The artistic elements include the use of color, diffusion, framing, depth of eld and shot composition. The technical elements include the physical tools and accessories used in lm and video production such as lights and cameras. Offered as and when necessary.
Prerequisite: MDIA 203 or instructor's permission

MDIA 306
Media Performance
Three Credits LA
Dual listed as ENG 306
This course provides the student who is serious about a career in front of the camera or mic with an opportunity to analyze, synthesize, and re ne their media performance skills in a number of key areas, including that of electronic journalism, dramatic and comedic acting, documentary and corporate video narrative, and radio deejay performance. Offered as and when necessary.
Prerequisite: Junior standing or instructor's permission

MDIA 310
Interactive Media II
Three Credits LA
This course builds on earlier courses and continues to develop students' understanding of the design process, iterative design, information architecture, user testing and prototyping. Students will focus on the formative and summative assessment of their design practice, using a variety of research methods and techniques, such as surveys, focus groups, observation, interviews, and usability testing. Students will also conduct a series of rapid prototyping and design exercises that will support the creation of a robust portfolio. Case studies, reading, discussion and weekly critiques will help students hone their practice. Students will be required to present their work regularly in a variety of written, visual, and digital formats. No programming experience is necessary. Offered in spring.
Prerequisite: MDIA 210

MDIA 311
Media Theory and Methods
Three Credits LA
This course is an upper-level seminar in media and its social, theoretical, and creative implications. Students will learn theoretical and critical perspectives on the economic, legal, cultural, social, and political implications of media formats from a variety of perspectives and disciplines. Students will identify, evaluate and apply research ndings in the development of an original research project. Research methods taught include textual analysis, content analysis, ethnography, survey and quantitative analysis, case studies, and user testing. Topics include digital culture, convergence, narrative, the cyborg, semiotics, digital art, representation and remediation, as well as the expansion of media infrastructures and the development of global and mass mediated technologies. Offered in spring.

MDIA 321
Television Theory and Criticism
Three Credits LA
This courses introduces students to the study of television from theoretical and critical perspectives and to the practice of academic research in television studies. Students will learn to identify, evaluate, and apply research findings in the development of an original research project. This course will provide the student with the tools to critically study television both as an art and as a cultural barometer. The student will learn various critical methodologies drawn from other arts – film, literature, drama, and other performing arts. The methodologies will include criticism from socioeconomic, historical, mythological, psychological, semiotic, quantitative, and sociological perspectives. Offered in fall and as necessary.
Prerequisite: MDIA 120

MDIA 322
Film Theory and Criticism
Three Credits LA
This course introduces students to the major early and contemporary film theories and theorists, and to the practice of academic research in film studies. Students will learn to identify, evaluate, and apply research findings in the development of an original research project. Critical methodologies will include criticism from sociological, socioeconomic, psychological, and semiotic perspectives. Topics and theories covered may include: the language of film; realism and formalism; film acting, costume, and sound; film genre; class, race, and ethnicity; feminism; psychoanalytic theory; queer theory; ecocriticism; and theories of spectatorship. Offered in fall and spring.
Prerequisite: MDIA 120

MDIA 323
Film and History
Three Credits LA
Dual listed as HIST 381
An interdisciplinary examination of the relationship between history and its representation on film – how filmmakers use, modify, and even interpret historical periods, figures, and events for their purposes. The course will, at the same time, examine how filmic modifications are dictated by the demands of the medium and by the historical and cultural contexts under which the films are made. The course may focus on a particular historical period, event, culture, or theme. Offered as and when necessary.
Prerequisites: HIST 101, junior standing, and one HIST or one MDIA or COM course

MDIA 324
Experimental Film and Video
Three Credits LA
Examines the theory and practice of a major 20th-century art movement from its origins in Dada and surrealism to more recent abstract expressionist, minimalist, and structuralist works. The course focuses on how experimental film and video differ in form, technique, and content from the more traditional narrative and documentary movements. The course examines the works of Marcel Duchamp, Luis Buñuel, Man Ray, Maya Deren, Kenneth Anger, James Broughton, the Whitney Brothers, Stan Brakhage, Michael Snow, and others. Offered as and when necessary.
Prerequisite: Junior standing

MDIA 325
Documentary Film
Three Credits LA
This course is an examination of documentary film and video, both as a film movement and as a record of history. The course surveys the historical development of the documentary, to recent trends in documentary. Various aspects of the documentary will be explored, such as: documentary as social advocate, Cinéma Vérité, propaganda, and ethnographic uses. The impact of the documentary movement on society will be explored. Offered as and when necessary.
Prerequisite: Junior standing

MDIA 326
Race and Ethnicity in Film
Three Credits LA
An investigation of the representation of race and difference in cinema. The course focuses on analyzing how racism is articulated in Hollywood films and also considers the question of difference in the cinema of other selected countries. Methods of resistance and subversion will be explored and assessed. Students will examine depictions of race and ethnicity in film from such perspectives as historical, psychoanalytic, semiotic, feminist, cultural, and ideological. This course fulfills a requirement for the African Diaspora Studies Minor and the Cinema Studies Minor. Offered as and when necessary.
Prerequisite: Junior standing

MDIA 331
Current Issues in Television
Three Credits LA
This course examines contemporary issues affecting television today, as a medium, industry, and art form. Through readings, viewings and producing research papers, students will analyze in depth such topics as: children and television, violence, sports, emerging genres, reality TV, and effects of FCC regulations. May be taken up to three times under different topics. Offered as and when necessary.
Prerequisite: Junior standing

MDIA 332
Current Issues in Film
Three Credits LA
This course examines contemporary issues in film studies. Through reading, viewing and producing research papers, students will analyze in depth such topics as: recent morphs of the horror genre, postmodern film, film spectatorship, independent filmmaking, film in the digital age, 3D films, Queer Cinema, Dogme 95, Mumblecore, and sequels. May be taken up to three times under different topics. Offered as and when necessary.
Prerequisite: Junior standing

MDIA 335
Gender and Media
Three Credits LA
Dual listed as WMST 385
An examination of gender differences as reflected in media. The course will focus on how gender is constructed in domestic and international films, television, video games, etc. Topics include the “gaze,” the patriarchal structure of the entertainment industry, the psychological positions of the male and female spectator, and theoretical approaches to feminist and masculinist analysis of texts. Readings will draw from feminist, psychoanalytic, semiotic, and sociological perspectives. Offered as and when necessary.
Prerequisite: Junior standing

MDIA 339
Film and Literature
Three Credits LA
Dual Listed as ENG 339
This interdisciplinary course examines the working relationship between literary texts and cinema. The course may explore the ways filmmakers interpret and modify the literary text, how those modifications are dictated by the demands of the medium, and how they help illuminate the original piece of literature and its contexts. Alternatively, the course may also explore the expression and representation of particular themes in literary and cinematic works. This exploration will draw upon structural elements such as plot, setting, characterization, and point of view that are common to both creative forms, highlighting similarities and analyzing the differences that emerge. This course is designed to be taught by a faculty member in each discipline. Fulfills the Core Distribution Requirement in Literature. Offered as and when necessary.
Prerequisites: Junior standing and at least three credits of Core literature.

MDIA 350
Directing
Three Credits LA
Dual listed as ENG 350
See ENG 350 for course description.

MDIA 360, 361, 362
Media Internship
One, Three, or Six Credits each
Designed to be a professional work-related experience. Provides the student with a practical, hands-on opportunity to apply theory in a professional work setting. Seminar meetings afford students a chance to critically examine the relationship between theory and practice. Successful students will enhance their knowledge of communication and media theory and skills in a real-life atmosphere under the supervision of practicing professionals in the media industry. Offered in fall, spring, and summer.
NOTE: Internships carry general elective credit and may not be used to ful l media arts elective requirements.
Prerequisites: Junior standing, permission of Internship Director, and CRDV 100N

MDIA 390, 490
Independent Research in Media Studies
Three Credits each LA
Directed independent study and research under the supervision of a faculty member. Offered as and when necessary.
Prerequisites: Permission of instructor and Dean

MDIA 401
Advanced Screenwriting
Dual listed as ENG 403
Three Credits LA
This workshop course will guide students through the drafting and rewriting process as they complete and polish a full-length lm or television screenplay. In addition to creating their own scripts and workshopping those of their classmates, students will learn to analyze stories for the screen and to write professional-quality coverage for produced and unproduced screenplays. Students will also learn how to enter scripts in competitions and festivals, how to attain representation, and how other careers in the entertainment industry are related to script writing and development. Offered as and when necessary.
Prerequisite: MDIA 301

MDIA 402
Advanced Post Production
Three Credits
Advanced Post Production expands upon foundational skills learned in MDIA 302, exposing students to advanced concepts of rhythm and pacing as well as techniques particular to editing sequences of action, comedy, dialogue, and documentary. Students will learn advanced features of Avid Media Composer including multi-layer effects and compositing, animation, time effects, and color correction in preparation for the Avid Certi cation Examination. Applications such as the Adobe Creative suite will be used in conjunction with Media Composer. Offered as and when necessary.
Prerequisite: MDIA 302

MDIA 403
Multi-Camera Production
Three Credits
Multi-Camera Production builds upon the skills from MDIA 203 and applies them to a multicamera environment, giving students practical experience producing programs in studio and in the eld. Students learn procedures and the responsibilities of each crew member, with emphasis on the roles of director, assistant director, and oor manager. The challenges of live production, precise timing for broadcast, commercial breaks and multiple roll-ins are explored. Offered every year.
Prerequisite: MDIA 203

MDIA 405
Digital Filmmaking
Three Credits LA
This lab-intensive course provides an environment for groups of students to produce short documentary or narrative digital lms. It is designed as a culmination of the student's production experience and involves pre-production, production, and post-production of original screenplays. Students have exibility in choosing material, locations, talent, and aesthetic emphases, and are encouraged to enter lms in lm and media festivals. Offered every year.
Prerequisites: MDIA 203 and MDIA 302

MDIA 410
Game Design II
Three Credits LA
This course exposes students to advanced game design and level design techniques. The course will introduce a set of tools, platforms, mods, and engines, which will change from year to year at the discretion of the instructor. Possible platforms include Unity, Construct 2, GameStar Mechanic, Game Salad, and Gary's Mod. Depending on the chosen tools, students will design two-dimensional games, advancing to the develof5.19.7 (ms, mods, and)]TJ ET EMC /S

evaluation of the diagnostic signi cance of results. Testing and evaluation of hemostatic function are included. Offered every summer/fall.
Prerequisite:MEDT 315

MEDT 440
Clinical Immunology/Immunohematology II
Four Credits
Advanced study of immunology and immunohematology. Supervised hospital and classroom instruction in testing for antigen-antibody reactions resulting from blood group and tissue incompatibility and infectious disease; review of blood processing, antibody identi cation, and component therapy. Offered every summer/fall.
Prerequisite:MEDT 340

MEDT 445
Clinical Microscopy II
One Credit
Advanced study of body uids. Supervised hospital and classroom instruction in diagnostic procedures used to evaluate all types of body uids. Offered every summer/fall.
Prerequisite:MEDT 345

MEDT 477
Topics in Medical Technology
Three Credits
A lecture and discussion-oriented study of current topics in medical technology. Advanced topics in medical technology, medical technology education, biomedical ethics and laboratory management are included. Case studies and problem solving emphasized. Offered every spring. Three-hour lecture per week.
Prerequisites:MEDT 401, MEDT 405, MEDT 410, MEDT 440, MEDT 445

MUSIC

VOCAL COURSES

MUS 112
Beginning Vocal Skills I
Three Credits LA
This elementary voice class is designed to introduce the student to the fundamentals of singing and performance preparation, including singing diction in Italian, IPA, and song interpretation. Singing with a natural sound and a relaxed feeling is encouraged. Class participation is essential and the student is expected to perform in a recital at the end of the semester. Offered every fall. Participation in Marist College Singers twice per week is strongly encouraged.

MUS 113
Beginning Vocal Skills II
Three Credits LA
In this class, growth and development in the fundamentals of singing are fostered. Theories of vocal production and preparation are studied, including diction, song interpretation, and presentation. Class participation is essential and the student is expected to perform in a recital of two foreign-language pieces at the end of the semester. Offered every spring. Participation in Marist College Singers twice per week is strongly encouraged.
Prerequisite:MUS 112 or permission of the instructor

MUS 212
Intermediate Vocal Skills I
Three Credits
The goal of this level of voice instruction is to establish a sound vocal technique and a thorough understanding of the singing voice, and to begin the process of artistic singing. Participation in Marist College Singers twice per week is strongly encouraged. Offered every fall.
Prerequisite:MUS 113 or permission of the instructor

MUS 213
Intermediate Vocal Skills II
Three Credits
The goal of this level of voice instruction is to reinforce the fundamentals of singing while continuing the process of artistic singing. Students at this level are expected to participate in the Marist College Singers twice per week. Offered every spring.
Prerequisite:MUS 212 or permission of the instructor

MUS 351
Independent Vocal Study
Three Credits LA
Independent Vocal Study is designed to deal more speci cally with the natural gifts of the singer and methods of handling particular vocal strengths and weaknesses. Students must take extra initiative in learning and memorizing songs to be performed in recital at the semester's end. This course may be taken for more than one semester for credit. Literature and pedagogy become more advanced with each semester of study. Offered when there is suf cient student interest.
Prerequisite:MUS 213 or permission of the instructor

CHORAL COURSES

MUS 110
Choral Singing I
Three Credits
If you love to sing in a group, or if you have always wanted to try this medium, supported with teaching of basic skills, this course is for you. Offered when there is suf cient student interest.
No prerequisites

MUS 111
Choral Singing II
Three Credits
Using the skills of Choral Singing I, experience the joy of singing through performances of music ranging from Bach to Broadway. This course stresses singing in choral parts. Offered when there is suf cient student interest.
Prerequisite:MUS 110 or permission of the instructor

MUS 301
Choral Singing III
Three Credits
This course provides an opportunity for the student with some choral experience to listen, study, and perform the more advanced contrapuntal choral music from all periods and in several foreign languages. Offered when there is suf cient student interest.
Prerequisite:MUS 111 or permission of the instructor

MUS 302
Choral Singing IV
Three Credits
This level of instruction offers opportunities for performance with orchestral accompaniment, singing with other community choirs and, on occasion, performing in foreign countries. Offered when there is suf cient student interest.
Prerequisite:MUS 301 or permission of the instructor

CHORAL ENSEMBLES

Each of the Choral Ensembles may be taken for one credit per semester, although credit is optional. Any of the Choral Ensembles may also be repeated for credit, not to exceed eight credits in four years.

MARIST COLLEGE SINGERS is an organization to which every member brings special talent. The blending of these gifts with hard work results in individual growth along with group distinction in artistic expression. This group sings with other college choral groups away and at home, for campus events and community celebrations, and tours both nationally and internationally. Offered every semester. Repeatable for credit.

through the rehearsal and performance of a wide range of music written or arranged for ute ensemble. Offered every semester.
No prerequisites

MUS 233
Woodwind Ensemble
One Credit
The purpose of the Woodwind Ensemble is to provide a continuing musical performance experience for clarinet and saxophone players. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written or arranged for clarinet and saxophone choir. Offered every semester.
No prerequisites

MUS 234
Orchestra
One Credit
The purpose of the Orchestra is to provide a continuing musical performance experience for string players. Students with suf cient ability on winds and brass will also be encouraged to participate. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written or arranged for orchestra. Offered every semester.
No prerequisites

MUS 235
Handbell Choir
One Credit
The purpose of the Handbell Choir is to provide a continuing musical performance experience for handbell players. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written for Handbell Choir. Offered every semester.
No prerequisites

MUS 236
Symphonic Band and Wind Symphony
One Credit
The two organizations (rocs309uc) of a wide Chair Coll Tfue pu455me94 Tm [(brass will also be encouraged to par)52 perform a continuance of a wind-US

MUS 106
Jazz and Sound
Three Credits LA
The study of the roots of jazz from its early European and African heritage to the present will be achieved by examination of the diverse styles. Dixieland, Blues,

PARALEGAL

PRLG 101
Introduction to Law
Three Credits LA
Dual Listed as POSC 102
Introduction to Law is an introduction to the study of the law and the legal system. The course introduces students to the methodology of legal studies, to an

PRLG 422
Civil Litigation and Practice
Three Credits
Civil Litigation and Practice reviews the theory and application of procedures in civil litigation in both state and federal courts. Trial strategies, rules of evidence, pleadings, trial preparation, jury selection, settlements, and investigation are reviewed. Offered annually.
Corequisite: PRLG 101

PRLG 430
Law Of ce Management
Three Credits
Procedures, tools, and techniques for recordkeeping, diarying, work allocation, billing, and structuring of legal-service delivery in modern legal practice. Offered upon suf cient enrollment.
Corequisite: PRLG 101

PRLG 440
Labor Relations Law
Three Credits
A survey of the substantive and procedural aspects of the laws governing employer-employee relations. Emphasis is placed on the federal laws regulating union organizing, collective bargaining, and arbitral processes. Topics covered include the new pension law (ERISA), Occupational Health and Safety Act, Equal Employment Opportunity Act, and New York State Public Sector Labor Relations. Students role-play in mock collective-bargaining and arbitration exercises. Offered upon suf cient enrollment.
Corequisite: PRLG 101

PRLG 496-498
Work Experience or Legal Internship
Three Credits each
Paralegal students engage in work experience in law of ces and government agencies. Work in the agency, readings, and a seminar project constitute the basis of the experience. Permission of the faculty supervisor is required for entrance to the course. Offered every semester.
Corequisite: PRLG 101

PHILOSOPHY

PHIL 101
Philosophical Perspectives
Three Credits LA
This course will introduce students to the nature and scope of philosophical inquiry. Students will examine some of the basic philosophical questions concerning knowledge (epistemology), reality (metaphysics), and human values (ethics, political philosophy, aesthetics) that underlie all other disciplines in the college curriculum. During their examination of these questions, students will gain an appreciation of some of the broad theoretical perspectives from which they can view other disciplines. They will also develop skills that are common to all disciplines: critical thinking and logical reasoning skills, as well as skills in clear speaking and writing. This course is taken by all Marist students and constitutes part of the rst-year common academic experience.

PHIL 103
World Views and Values
Three Credits LA
This course will help students to ask basic questions about the ultimate meaning of life, to take a comprehensive and holistic world view, and to articulate a coherent values system. The basic methodology for teaching the course is comparative and socio-analytic. Offered every semester.

PHIL 200
Ethics
Three Credits LA
The question of ethics or moral philosophy is: What is the good? The eld deals with such important sub-questions as: What is the source of moral law – that is, of right and wrong? Who should be the primary bene ciary of the fruits gained through the pursuit of moral values: oneself or others? What are the character traits – the virtues – by means of which human beings achieve values? This course will study answers to these questions provided by great moral philosophers of history such as Plato, Aristotle, and Kant, and it will examine how these answers can be applied to moral issues relevant today – such as stem cell research, gay marriage and adoption, capital punishment, and torture of terrorists. Offered every semester.
Prerequisite: PHIL 101

PHIL 203
Introduction to Logic
Three Credits LA
This course will introduce the student to “applied” logic. It will deal with formal structures of thought only insofar as these can be readily applied to the organization of thought in written and spoken language. It will also identify the logical errors or fallacies that are most frequently made in written and oral discourse. Offered annually.

PHIL 210
Ancient Philosophy
Three Credits LA
This course will study the movement of philosophic thought from its rise with Thales on the coast of Asia Minor about six hundred years before the birth of Christ, through Socrates and the great systems of Plato and Aristotle, to its decline during the later Roman Empire. Offered annually.
Prerequisite: PHIL 101

PHIL 211
Modern Philosophy
Three Credits LA
Modern Philosophy begins in the 17th century as a revolt against the centuries-long orthodoxy of Scholasticism, Thomas Aquinas's synthesis of Christianity and Aristotle. This course will study the new beginning that philosophers wanted to make. These philosophers fall into two groups. One is the Rationalists, whose main gures are Descartes, Spinoza, and Leibniz; the other is the Empiricists, whose main gures are Locke, Berkeley, and Hume. Both groups are mainly concerned with the same problems: [1] The nature and source of knowledge and [2] the nature of reality. The answers they give, however, are very different. With regard to knowledge, the Rationalists argue that some ideas are innate and that certainty can be acquired only by means of reasoning on the basis of those ideas; information acquired through the senses is unreliable. As for reality, it is not the

PHIL 233

Philosophy of Education

Three Credits LA

This course will analyze philosophical issues underlying the realm of education. What is the purpose of education? What are schools for? What is

are supposed to stand for? The course will pay special attention to the two leading thinkers of the age, Augustine and Thomas Aquinas. Offered every three years.
Prerequisite:PHIL 101

PHIL 323
19th Century Philosophy
Three Credits LA
This course will focus on the history of modern philosophy from the late 18th through the end of the 19th century. It will begin by examining how Immanuel Kant attempts to save philosophy from the excesses of Rationalism and the skepticism implied in Hume's radical Empiricism. It will then examine the series of critical responses that Kant's philosophy itself engendered. Speci cally, it will examine how philosophers such as Hegel, Marx, Kierkegaard, and Nietzsche responded to Kant's philosophy or its revised or developed versions. PHIL 211 is recommended but not required for this course. Offered every two years.
Prerequisite:PHIL 101

PHIL 324
Contemporary Analytic Philosophy
Three Credits LA
This course will explore the origins and development of analytic philosophy, the dominant approach to doing philosophy in the Anglophone world today. It will trace its development from its early origins in Germany, Austria, and the U.K., which led to the formation of the Vienna Circle and the rise and fall of logical empiricism, and conclude with ordinary language philosophy and the advent of eclecticism in the 1960s. As we proceed, we will consider how analytic philosophy emerged in the late 19th century as a movement in philosophy associated with developments in logic and the philosophy of language, how it became conceived as a research project, and nally how it came to be concei

PHED 134
Fencing
One Credit
An introductory course designed to teach fundamentals of the foil. Basic skills of positioning and movement along with the appropriate terminology will be covered. Some competition will be included.

PHED 137
Sailing
One Credit
Designed to develop basic seamanship and sailing techniques in the use of sailboats. Students are expected to develop skills in sailing which they can use for participation during and after their college years.
Prerequisite:Ability to swim at least 100 yards

PHED 139
Beginning Swimming (Non-Swimmers)
One Credit
An activity course designed to give students the opportunity to develop necessary survival techniques. Brief introduction to understanding of basic mechanical and kinesiological principles and their application to swimming. Skills in swimming and lifesaving techniques will be developed. Coed.

PHED 146
Karate I
One Credit
Self-defense course in the art of Okinawan Karate. Student will learn blocks and attacks to major target areas.

PHED 147
Yoga
One Credit
A survey of principles and practices of Hatha Yoga for beginners. The class will consist of warm-up and stretching exercises designed to relax and lengthen muscles. Each lesson will include postures and asanas in conjunction with natural breathing. The group will start with basic postures and progress to the advanced and more-complex activities.

PHED 148
Springboard Diving
One Credit
This course will teach the fundamentals of springboard diving. The student will receive instruction covering the ve required dives and will also learn how to judge and calculate diving competitions.

PHED 160
Fly Fishing
One Credit
An introductory-level course for those interested in getting started in this enjoyable pastime. In lecture and workshop formats, the course will cover topics such as basic equipment needs and selection criteria, casting techniques, knots, y selection, aquatic entomology, and reading the water. The course will also discuss the habits and habitats of trout and smallmouth bass, wading skills, stream etiquette, and the importance of the catch-and-release philosophy. The course will culminate in an optional day-long excursion to a NYS trout stream. All equipment will be provided.

PHED 238
Skin and Scuba Diving
One Credit
Subject areas that will be covered in the lectures are: applied science, diving equipment, diving environment, medical problems, and diving activities. Water skills that will be covered in the pool and on the open-water dive will be swimming skills, skin-, and scuba-diving skills. An additional fee of up to $350.00 will be charged for this course.
Prerequisites:

of skilled performance. Includes the use of lms and videotape as well as observation and mechanical guidance in improving movement.

PHED 410
PHYS 108
Principles and Problems of Coaching
Three Credits
An introduction to the role of the coach in high school coaching. Emphasis will be placed on his or her functions as a teacher and administrator in the area of coaching. Speci c sports will not be dealt with. Focus will be put on general guidelines and relationships, administrative problems, and personal values. Emphasis will be placed on New York State Public High School Rules.

PHYSICS

PHYS 108
Introduction to Cosmology
Three Credits LA
This course provides an introduction to our modern understanding of a dynamic, expanding universe. Topics to be covered include stars, galaxies, pulsars, black holes, the expansion of the universe, the Big Bang, and the future of the universe. Three-hour lecture per week.

PHYS 193
Physics of Modern Technology
Three Credits LA
This course is a tour of Physics. Its purpose is to expose the student to the history of physics starting with the Greeks up to today. This is done by selecting the major contributions of scientists through the years and describing these in layman's terms and showing how they contributed to the evolution of physics. The second part of the semester is used to study the physics of nuclear radiation and power. This is followed by an in-depth presentation on the physics of modern hi-tech medical technology including MRI, X-rays, CAT Scans, Positron Emission Tomography, Las/Sp 252Physicrpulsars, ears and des6 e, ran No of ysics.

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Approaches to Civil Society; Late and Contemporary Approaches to Civil Society; and Critiques of Civil Society. Offered annually.

POSC 113
International Relations
Three Credits LA
This course provides a general introduction to the study of international relations. The goals of the course are to provide students with the intellectual tools necessary to analyze developments in international relations critically and creatively, and generally to expand students' factual knowledge of major world events past and present. The first part of this course will focus on the history and nature of the international system, international relations theories, conceptual frameworks and major events of the Cold War and the post-Cold War era. The second part will explore some of the major issues in international relations including: nationalism, arms control, nuclear nonproliferation, transnational crime, terrorism, ethnic conflict, international political economy, development

POSC 214
Gender and the Law
Three Credits LA
This course examines the relationship between gender and the law, by exploring a variety of issues ranging from work and family to women and bodily autonomy. The course focuses on the conceptual assumptions underlying legal doctrines and precedents while paying close attention to the effects of gender-conscious laws on women and men of different races, classes, and sexualities. This course also addresses the constraints of law and considers the extent to which law is an appropriate vehicle for social change.
Prerequisite:POSC 110

POSC 217
Catholics in the U.S.
Three Credits LA
Triple listed as HIST 217 and REST 217
See HIST 217 for course description.
Prerequisite:POSC 110

POSC 218
American Political Thought
Three Credits LA
This course takes a chronological and thematic approach to the study of American political thought. The course begins by examining the theories upon which the nation is founded. These foundational theories include an examination of the social contract and separation of powers traditions. We consider the experience of the puritans and their quest to establish a city upon a hill as well as analyze the ideas that led to a revolution and the creation of a new government. In the second part of the course, we explore the tensions that arise as a consequence of national development. These tensions occur as the federal government moves to consolidate national power, industrialize, democratize, and pursue greater equality. The course ends by discussing ideas and institutions during times of crisis as well as considering America's place in the world. Thematically, the course focuses on the relationship between the individual and the community, the sources of legitimate political authority, the proper ends of government, the relationship between the economy and politics, and the role of diversity in our polity.
PrerequisitesPOSC 110 and POSC 112

POSC 221
Law and Society
Three Credits LA
Triple listed as CRJU 221 BT 8 r ET E (riplet trab 50Span <</Lang (en-US)/MC3D 25546 >>S 0 8 Tm [(T)for Tm [(eqdes033p14.9.8 0 0 8 45 375.728 Tm (POSC

parliamentary system, post-Gaullist France, and the German Federal Republic. This course also studies the emergence of the newly democratic, free-market economies in Eastern Europe in the post-Cold War Era. Finally, it concludes by examining the EU's institutions and issues related to its future development. Offered biennially.
Prerequisite:POSC 111 or 113

POSC 252
Comparative Politics of Russia/Eastern Europe
Three Credits LA
This course is intended as an introduction to the politics and history of Russia and Eastern Europe from the communist to the post-communist period when countries in this region have been engaged in an historic transformation from Communism. Attention will be given to roles of ideology, political institutions and participation, political economy, as well as the challenges facing these countries in their unprecedented transitions to democracy and free-market economies.
Prerequisite:POSC 111

POSC 266

basic human rights which were/are aided by government sponsoring, encouraging, or selectively ignoring manifestations of prejudice. The course will explore anti-Semitism, anti-Catholicism, oppression of blacks, "gay bashing," suppression of women, and "ethnic cleansing" with particular emphasis on the roles of political actors, processes, and institutions. Attention will be paid to groups who sought to in uence political actors and institutions to resist or to dismantle manifestations of prejudice.
Prerequisite: one 200-level class from any sub eld

POSC 304
Public Administration
Three Credits LA
This course will look at the implementing arm of government(s). Policy making also happens as laws get implemented and enforced. The constitutional aims and values that administrators are charged with upholding in a liberal democracy will be explored. Besides looking at the theory and practice of federalism, also explored will be intergovernmental relations, decision making, civil service, budgeting, and implementation of laws – administrative discretion and objectivity – to administrative regulations and the interface with public, politicians, clients, taxpayers, and media. This course is reading, writing and thinking intensive.
Prerequisite: one 200-level class from any sub eld or permission of the instructor

POSC 310
Race and Political Thought
Three Credits LA
Dual listed as HIST 216
This course is designed to explore some important themes concerning race in the American context. We focus primarily on African-American political thought, exploring different ideas, arguments, and concepts about race and society from a multi-disciplinary perspective. We read arguments from journalists, novelists, essayists, academics theorists, and religious and political leaders. The course is organized around four general issues or questions. The rst question considers whether race is a biological category or a social construct. The second explores whether racial hierarchy is embedded in the structure of American politics or is a aw in an essentially fair system. The third topic analyzes two differing approaches to equality: separation and integration. This third section considers arguments about whether integration or separation is the best political strategy for gaining full citizenship rights for African-Americans and other racial minorities. The last issue addresses diversity within the African-American community and considers whether inequality exists within the African-American community itself. We will examine each of these issues mainly through the writings of African-American social and political thinkers.
Prerequisite: one 200-level class from any sub eld

POSC 312
History of the American Presidency
Three Credits LA
Dual listed as HIST 312
This course surveys the evolution of the Of ce of the President from the Constitutional Convention of 1787 to contemporary America. By using selected case studies attention is focused on the personalities and the forces which shaped the of ce during the history of the Republic. Offered triennially.
Prerequisite: one 200-level class from any sub eld

POSC 320
Feminist Political Thought
Three Credits LA
This course will provide a grounding in feminist political theories and will include reading selected modern political theorists' works through a feminist theoretical perspective. Particular attention will be given to key liberal democracy tenets: equality, political participation, and liberty as they relate to inclusive citizenship.
Prerequisite: one 200-level class from any sub eld

POSC 321
Contemporary Political Theory
Three Credits LA
This class covers the key 20th century and beyond political theories that color our thinking about how best to govern, organize political life and live in community. We will engage with primary source material surveying the most in uential political theorists of our time as they engage with the issues which de ne and shape contemporary politics such as extremism, genocide, justice, democratic engagement, economics, citizenship, sovereignty, the role of religion and power in our pluralistic and interdependent modern world.
Prerequisite: one 200-level class from any sub eld

POSC 322
Policy Implementation
Three Credits LA
This course aims at developing student awareness and understanding of key methods and types of program planning and evaluation in the public sector. Students should develop familiarity with the functions of planning and evaluation in policy development, implementation, revision, and/or termination. Developing awareness of American intergovernmental relations and providing familiarity with grant opportunities and procedures are other important outcomes sought in this course. Offered biennially.
Prerequisite: one 200-level class from any sub eld

POSC 325
International Political Economy
Three Credits LA
International political economy (IPE) analyzes the intersection between economics and politics on both the national and international levels. IPE is concerned with the ways in which political forces (states, institutions, individual actors, etc.) shape the systems through which economic interactions are expressed. Topics covered include the evolution of the modern IPE, global trade and trade politics, World Trade Organization, development and economic reforms, and international monetary system. IPE has never been more relevant than it is now, as globalization is rapidly changing how the global economy functions, a number of states are plagued by stagnant economies, unemployment, and record high de cits, and the rich-poor gap is further widening globally.
Prerequisites: Either POSC 113 or 111, or the permission of the instructor

POSC 338
Political Communication and Politics
Three Credits LA
The purpose of this course is to provide students with an understanding of how information about politics is communicated to the public using both mainstream media (MSM) and new media. Students will also receive hands-on experience and a practical knowledge of organizational communication as a result of their work in The Marist Poll's media unit. The course will examine media coverage of political campaigns; the technology used to release political information; and organizing and implementing campaign strategies. This course analyzes how media coverage of campaigns has evolved over the last six decades, how the emergence of new media and technology has played a role in that evolution, and how these journalistic and technological changes impact candidates' campaigns.
Prerequisite: one 200-level class from any sub eld or permission of the instructor

POSC 340
Marx and Marxism
Three Credits LA
Dual listed as PHIL 340
See PHIL 340 for course description.
Prerequisite: one 200-level class from any sub eld

POSC 342
Survey Research & Political Data Analysis
Three Credits LA
This course takes students behind the scenes of the Marist Poll. Students taking the course learn: how to understand and use polling data; how respondents are selected to be interviewed; how pollsters develop their questions; how the results are analyzed and how to make polling data newsworthy. Students learn about career choices in public opinion, campaigns, and market research.
Prerequisite: one 200-level class from any sub eld or permission of the instructor

POSC 350
Latin American Politics
Three Credits LA
Focusing on the key components in Latin American political systems, the course analyzes various aspects of politics, including functional elites, the military, the

middle class, labor, peasant movements, and the church. Comparative political opposition, and political adaptation and integration. Offered triennially.
Prerequisite:one 200-level class from any sub eld

POSC 351
African Politics
Three Credits LA
This course provides an overview and critical analysis of the diversity of politics among the one billion people living in the more than 50 states of sub-Saharan Africa, tackling problems crucial to the future of Africa and the world. Topics include the diverse sources of political identity on the continent (e.g., ethnicity, religion, gender); the legacies of colonialism, independence, and liberation movements; the nature and powers of African states; the expansion of multiparty elections and democracy; civil wars and ethnic con icts; economic development; and the causes, effects, and policy responses to health issues including the HIV epidemic. The course will provide students both with concrete knowledge of African politics and with tools for thinking about analytic ideas in political science.
Prerequisite:one 200-level class from any sub eld

POSC 355
The History and Politics of the Modern Middle East
Three Credits LA
Dual listed as HIST 355
This course examines the signi cant developments in modern Middle Eastern history. These include the attempts to reform the Ottoman Empire in the 19th Century; the Empire's destruction and the establishment of the successor states in the early 20th century; the emergence of Turkish, Arab, and Palestinian national-ism and Zionism; the impact of the Western P/MCID 2tiac 508 Tw 8 0 0 8 36 473.728 Tm [(ism)0.5 (and)0.6 ()c473.7(7 (n)0.5 Tw 8 0 0c.5 (the)0.5

Course Descriptions 280

PSYC 201
Personality Development
Three Credits LA
This course includes the study of the typical changes in personality during the stages of infancy, childhood, adolescence, and adulthood. It includes analysis of the physical, social, emotional, and intellectual elements related to healthy human personality development. These are evaluated from theoretical, cultural, historical and practical points of view. This course stresses the students' re ections upon their own personality development. Offered periodically.
Prerequisite:PSYC 101

PSYC 202
Abnormal Psychology
Three Credits LA
This course involves the study of psychological disorders with particular attention to the description and causes of disorders and the various therapies for them. The causes of these problems are viewed from a perspective that integrates multiple interactive factors, namely: biological, psychological, and social in uences. Cultural and developmental dimensions are also examined. Offered every semester.
Prerequisite:PSYC 101

PSYC 203
Theories of Personality
Three Credits LA
This course focuses on the study of some of the more signi cant theories of personality as proposed by psychologists of the three major schools of thought: psychoanalytic, behavioral, and phenomenological-existential. Emphasis is placed on an in-depth understanding of the assumptions underlying each theory. Offered every semester.
Prerequisite:PSYC 101

PSYC 206
Psycho-Biological Sex Differences
Three Credits LA
This course focuses on the study of sexual differences in human behavior through an examination of the empirical evidence supportive of both biological and cultural explanations for their development. It also includes a survey of how genes, sex hormones, developmental history, and current cultural and interpersonal environments contribute to sex differences. Offered periodically.
Prerequisite:PSYC 101

PSYC 207
The Exceptional Child
Three Credits LA
This course provides an introduction to and study of various special needs populations, such as disability groups and the gifted. Emphasis is placed upon social-psychological and educational perspectives. Priority to students in Special Education and Secondary Education. Offered every semester.
Prerequisite:PSYC 101

PSYC 208
Educational Psychology
Three Credits LA
This course explores the physical, emotional, intellectual, and social development of the student with special emphasis on the relevance of these processes to learn programs and procedures of schools. Priority to students in Special Education and Secondary Education. Offered every semester.
Prerequisite:PSYC 101

PSYC 210
The Psychology of Sleep
Three Credits LA
This course includes a survey of the history and major elds of research on human and animal sleep. It includes an in-depth study of several current areas of behavioral research in human sleep and dreaming. It also includes such topics as research methods, sleep length, sleep deprivation, sleep problems, drug use, and dreaming. Offered periodically.
Prerequisite:PSYC 101

PSYC 211
Sports and Exercise Psychology
Three Credits LA
Dual listed as HLTH 211
The study of various aspects of sports and exercise psychology, including stress, anxiety, motivation, imagery, goal setting, and self-perception and how these relate to physical activity and participation. Offered periodically.
Prerequisite:PSYC 101

PSYC 215
Psychology of Interpersonal Communication
Three Credits LA
This course covers the principles and techniques of human communication, with an emphasis on those skills useful to persons planning to enter the helping professions. In addition to discussions of theory, students will practice methods of self-disclosure, active listening, confrontation, con ict resolution, and values clari cation. It includes opportunities for students to investigate related topics such as family and marital communication processes, nonverbal communication, transactional analysis, and constructive patterns of communication in work settings. Offered periodically.
Prerequisite:PSYC 101

PSYC 220
Social Psychology
Three Credits LA
This course includes the study of how the behaviors, thoughts, and feelings of the individual are in uenced by the presence of other persons. Topics such as social cognition; attitude formation and change; altruism and aggression; interpersonal attraction and love; prejudice; and group behavior will be discussed. In addition, various empirical research methods will be examined and applied to these topics. Offered every semester.
Prerequisite:PSYC 101

PSYC 222
Community Psychology
Three Credits LA
This course provides an overview of the applied discipline of Community Psychology, its history, its relationship to other social sciences, the types of problems that this eld addresses, and a range of interventions to resolve community problems. Students will explore the ecological perspective and learn about prevention and other broad-scale approaches to problems in living. The praxis component allows students to observe and to re ect on the principles of community psychology in action. Offered periodically.
Prerequisite:PSYC 101

PSYC 301
Psychobiology and Lab
Four Credits LA
This course explores the biological bases of behavior, including the roles of the nervous, endocrine, and immune systems. The course begins at the level of neurons and nishes by considering complex behavioral manifestations of brain functioning. Offered every semester.
Prerequisite:PSYC 101, PSYC 350

PSYC 302
Neurobiology of Learning and Memory and Lab
Four Credits LA
The focus of this course is the neurobiology of learning and memory. Its primary focus is on how neural structures and circuits give rise to learned behavior. It emphasizes such topics as encoding, consolidation, storage, retrieval, and underlying brain bases. Offered periodically.
Prerequisites:PSYC 101, PSYC 350

PSYC 303
Developmental Neuropsychology and Lab
Four Credits LA
This course is an introduction to the effects of the nervous system on human behavior from a developmental perspective. The course covers two major themes:

the neuropsychological development of the normal child and the neuroscience of aging. Offered periodically.
Prerequisites: PSYC 101, PSYC 350

PSYC 304
Psychopharmacology and Lab
Four Credits LA
This course provides an introduction to the fundamentals of psychopharmacology in relation to behavior. It examines the basic mechanisms of several types of pharmacological agents, which alter mood and behavior. Drugs that have abuse potential and drugs that are used as medication for the treatment of psychological/psychiatric disorders are a special focus. Offered periodically.
Prerequisites: PSYC 101, PSYC 350

PSYC 305
Neurobiology and Neuropsychology of Learning Disabilities and Lab
Four Credits LA
This course synthesizes current knowledge regarding the biological bases of developmental disorders such as autism, learning and language disabilities, attention de cits, and the effects of social stress and maltreatment on brain development. The course considers speci c areas of the brain implicated in disorders and neuropsychological assessment and diagnosis of these disorders. Offered periodically.
Prerequisites: PSYC 101, PSYC 350

PSYC 306
Cognitive Neuroscience & Neuropsychology + Lab
Four Credits LA
This course will begin with an overview of the structure of the nervous system and how communication happens within it; introduce students to methods of cognitive neuroscience and neuropsychology, and goes on to investigate topics such as sensation and perception, attention, memory, language and executive function using these methods. In the lab portion of this course, students will participate in behavioral and psychophysiological tasks related to these topics. Offered periodically.
Prerequisites: PSYC 101, PSYC 350

PSYC 309
Ethics and Professional Issues
One Credit LA
The course introduces students to the ethical standards of the American Psychological Association. Case studies illustrating these principles will be discussed. A range of current and relevant professional issues will be featured each semester. Offered periodically.
Prerequisites: PSYC 101 and at least sophomore standing

PSYC 311
Principles of Psychological Testing
Three Credits LA
This course reviews the principles of test construction, administration, scoring, and interpretation of both group and individual tests; studies the major theories and techniques of intelligence, aptitude, and pro ciency testing; surveys tests that measure interests as well as personality tests; and provides an overview of behavior assessment. Offered periodically.
Prerequisites: PSYC 101, MATH 130

PSYC 315
Human Factors Psychology
Three Credits LA
This course overviews the application of psychological principles to the design of human environment. It also provides a review of the basic human capabilities for attention, perception, memory, information processing, and decision making. It focuses on how these processes in uence the design and use of equipment, computer software, and other aspects of of ces and homes. Offered periodically.
Prerequisite: PSYC 101

PSYC 317
Child Development
Three Credits LA
This course examines the physical, intellectual, emotional, and social aspects in the development of the child from conception through the early adolescent period. Offered every semester.
Prerequisite: PSYC 101

PSYC 318
Psychology of the Adolescent
Three Credits LA
This course provides a general review of normal adolescent development as well as some common adolescent psychopathology (i.e., substance abuse, eating disorders, depression). The course is appropriate for anyone interested in working with adolescents. Current knowledge of biological, social, sexual, and cognitive development debunks many misconceptions about adolescents.
Prerequisite: PSYC 101

PSYC 321
Adult Development

PSYC 332
Fundamentals of Counseling
Three Credits LA
This course introduces students to the nature of counseling and the role of the counselor as a helping professional. Students will become acquainted with interviewing and counseling skills for use in both professional and paraprofessional settings. In addition, they will be exposed to a number of theoretical approaches to counseling such as Rogerian, behavioral, and cognitive, as well as others. Clinical and ethical issues related to the counseling field also will be addressed. Offered periodically.
Prerequisite: PSYC 101

PSYC 340
Attraction and Romantic Relationships
Three Credits LA
This course explores many dimensions of human "meeting and mating" behaviors from a social psychology perspective as students critically examine recent research and theories. Students examine the biological, psychological and social determinants of romantic behavior as they explore why couples are attracted to one another, what romantic love is, why couples become attached to one another, ways couples strengthen their relationships, and how the quality of mate choice may affect partnering, marriage, and relationship satisfaction. Offered periodically.
Prerequisite: PSYC 101

PSYC 342
Cognitive Psychology
Three Credits LA
This course provides a survey of traditional and current theories and research in perception, attention, learning, memory, language, problem solving, concept formation, reasoning, and decision making. Offered periodically.
Prerequisite: PSYC 101

PSYC 348
Psychological Perspectives on Criminal Behavior
Three Credits LA
Dual listed as CRJU 348
This course focuses on particular psychological aspects of the criminal justice system including what the criminal knows about himself/herself and how this affects his/her behavior. This topic is considered in the context of alternative answers to one question: What does society want from its convicts? That is, once people are caught and are serving a sentence, what goals would society set for them and what psychological obstacles stand in the way of their doing what society wants them to do? Answers to these questions will be presented in discussions on such issues as forensic assessment, the insanity defense, and civil commitment. Offered periodically.
Prerequisite: PSYC 101 or CRJU 101

PSYC 350
Psychological Research Methodology and Lab I
Four Credits LA
This course provides an introduction to nonexperimental, correlational, and experimental methods of research. Topics include ethics in research, statistics for behavioral sciences, and the use of computers for data analysis. Class discussion and student projects are designed to teach students how to read and to evaluate critically popular and professional literature in psychology. Students plan, carry out, evaluate, and write APA-style reports on research projects. Offered every semester.
Prerequisites: PSYC 101, MATH 130 and CMPT 103 or EDUC 150

PSYC 351
Psychological Research Methodology and Lab II
Four Credits LA
This course provides an emphasis on experimental and quasi-experimental methods of research in psychology. It continues the study of statistical methods including analysis of variance, and use of computers to analyze data. Students plan, carry out, evaluate, and write APA-style reports on research projects. Offered every semester.
Prerequisite: PSYC 350

PSYC 362
Measurement and Evaluation
Three Credits LA
In this course, students examine the role of measurement and evaluation in general and in special education. Proceeding from an understanding of the essential

Its intent is to help the student gain perspective on contemporary psychology by appreciating the problems psychology has confronted over the years and its interrelationships with other disciplines. Required for all senior Psychology Majors. Offered every semester.
Prerequisites: PSYC 101, PSYC 350, and one course from PSYC 301, 302, 303, 304, 305 or 306

PSYC 479
Educational Psychology Seminar
One Credit LA
This is a required course for psychology/education certi cation students to integrate educational psychology theory as part of the pre student teaching experience. The course reinforces the understanding of key concepts of psychology content by examining this content through peer teaching and eld experiences. Speci c implications and application of learning theories will be discussed using examples drawn from educational situations and educational programs. Emphasis is on behavioral, social, cognitive, information processing, and constructivist theories. The theme will be focused on “re ective practice.”
Corequisite: EDUC 462

PSYC 485
Supervised Research
Three Credits LA
This is a culminating experience designed for interested senior majors in Psychology. It consists of the student’s designing and executing a research proposal under the direction of one of the members of the department.
Prerequisite: Permission of Chairperson

PSYC 487-491
Fieldwork/Internship: I, II, III, IVenctned for interesBDC BT 0.133 pan <</Lang (1n-US)/MCID 26491 >>BDC BT /T1_2 1 55 8 0 0 8 36 533.728 T

Course Descriptions 284

REST 219
Sociology of Religion
Three Credits LA
Dual listed as SOC 220
See SOC 220 for course description.

REST 230
Religion and Politics
Three Credits LA
A study of the interrelationship between religion and politics. Of particular importance is an examination of the roles of those who are in positions of authority in these two realms. Offered triennially.

REST 231
Social Ethics and Economics
Three Credits LA
Economic policies and socio-ethical views (especially those rooted in religious thought) are studied as interrelated parts of a total cultural system. Of particular interest to this course are the ways that these systems relate to human values and human needs, including those of marginalized peoples in the Third World countries and elsewhere. Offered annually or according to student interest.

REST 232
Religion and Culture
Three Credits LA
Dual listed as ANTH 232
A dimension of cultural anthropology, with focus on religion as a cultural universal. The study of cultural differences and determinants suggests new understandings of religious differences and functions in the human family. Offered when there is suf cient student interest.

REST 243
Catholic Thought and Spirituality
Three Credits LA
Dual listed as CAST 202
This course helps students understand the Catholic tradition in an academic, objective, non-confessional, and critical manner. Through theological readings and class discussions, it considers historical development, doctrinal positions, spiritual dimensions, and contemporary issues in Roman Catholicism. Offered annually.

REST 244
Prison, Praxis and Prisoners
Three Credits LA
What values are informing present prison structures? How does the stated purpose of prisons as de ned by both federal and state mission statements compare to the actual experience of the imprisoned and the systematic administrations of that purpose? We will be engaging in a critical re ection of the experience of

SOCIOLOGY

SOC 101
Introduction to Sociology
Three Credits LA
Students are introduced to three major sociological theories, con ict functionalism, and symbolic interactionism, within an ongoing holistic analysis of contemporary society. Emphasis is on how the major social institutions, the economy, government, education, religion, and the family, profoundly shape individuals' personal identities and everyday lives.

SOC 202
Social Problems
Three Credits LA
An analysis of persistent and developing problem areas in an American or global context: family, education, politics, economics, ethnic, and gender issues.
Prerequisite:SOC 101

SOC 211
Social Deviance
Three Credits LA
Formal and informal de nitions of deviance and deviants, differentiation of deviant populations, and the organization of social-control activities and people-processing institutions. Special emphasis is placed on analyzing deviance in relation to con ict theory and social-learning theory.
Prerequisite:SOC 101

SOC 220
Sociology of Religion
Three Credits LA
Dual Listed as REST 219
An introduction to the speci c study of religion which is anthropological, psychological, and sociological. A study of how cultural systems, human individuals, and social structures in uence religion, and how religion in turn in uences them.
Prerequisite:SOC 101

SOC 223
Juvenile Delinquency
Three Credits LA
De nitions of delinquent behavior and contributing social problems. Adolescence as a subculture. The philosophy and practice of the adjudication process for juveniles as well as treatment procedures.
Prerequisite:SOC 101

SOCW 326
Domestic Violence Prevention
Three Credits LA
This course is dual listed with SOC326.
See SOCW 326 for course description.

SOC 336
Social Inequality
Three Credits LA
This course investigates those processes whereby members of society are placed into higher and lower status based on differential access to wealth, power, and prestige. Emphasis is on the historic and contemporary institutional organization and reproduction of social inequality according to social class, gender, ethnicity, age, and perceived handicap in America within the global context of the modern world system. Functionalist, con ict, and interval explanations of these processes are fully considered. The integration of theories of social inequality with direct experience through the classroom simulation of the social-class structure in American society is a major dimension of the course. Opportunities for involvement aimed at lessening social inequality in community-based sites are also available.

SOC 341
Social Change
Three Credits LA
This course reviews the history and sociology of social inequality in America within the global context of the modern world system. But its major emphasis is on how political, economic, and technological processes transform the family, religion, and individual character, as well as on forms of collective and individual resistance to such transformations. The nature of historic and contemporary social movements such as the labor movement, the civil rights movement, the women's movement, and the "new right" as collectively organized activity that encourages or discourages social change are prominently considered. Students form "social

SOC 450
Qualitative Social Research Methods
Three Credits LA
This course introduces qualitative research methods in the context of students' carrying out a eld study to the point of a working document. Issues of access to

SPAN 410-411
Spanish Composition I–II
Three Credits each LA
Designed particularly for Spanish majors, minors, and bilingual students who wish to perfect their written Spanish, this course offers intense written practice in Spanish. Offered when there is suf cient student interest.
Prerequisite:Suf cient background in Spanish

SPAN 412-413
Advanced Conversational Spanish I–II
Three Credits each LA
Designed particularly for Spanish majors, minors, and bilingual students, the topics of conversation will center around the culture, history, and literature of the Hispanic world. Offered when there is suf cient student interest.
Prerequisite:Suf cient background in Spanish

SPAN 415
Spanish Translation Techniques
Three Credits LA
In our modern global environment, the ability to communicate accurately across linguistic barriers has become a necessity. Translating from one language to another is a precise skill. In this course the process of translation is discussed from initial inquiry to delivery of the nished product. The course focuses on

FINANCING YOUR EDUCATION

STATEMENT OF FEES

These are 2017-2018 fees. (Subject to change in 2018-19.)

TUITION
Full-Time Semester. . . . . $ 18,080.00

Supporting documents such as parents' death certi cates, letters from government agencies, lawyers, and/or social workers may be required. The responsibility is on the student to prove his or her independent status.

STATE AID PROGRAMS

ELIGIBILITY REQUIREMENTS FOR NEW YORK STATE SCHOLARSHIPS AND AWARDS

Speci c eligibility requirements are explained in detail on the Higher Education Services Corporation website at http://www.hesc.ny.gov (see Student TAP Coach). It is the student's responsibility to be familiar with and to meet the eligibility requirements each term. Generally, to be eligible for a New York State Award, a student must meet the following criteria; however, some scholarships have additional requirements. The general requirements include:

- be a matriculated full-time (at least 12 credits applicable to the program) student. This provision limits the number of general electives a student may take and still be eligible for the scholarship;
- be a legal resident of New York State;
- be a United States citizen or eligible noncitizen;
- not be in default on any State or federal student loan or on any repayment of state awards
- meet income eligibility limitations
- have graduated from a high school in the United States, physical proof of high school completion is required to be on le at Marist College, earned a GED or passed a federally approved "Ability to Bene t" test.

First-time state aid recipients entering as freshman students, or continuing students in the 2006-07 academic year and thereafter with a non-U.S. high school transcript, are required to pass an Ability to Bene t exam. Students must meet the Ability to Bene t requirement before the rst day of classes for the term for which they are seeking aid. Please Note: Marist College does not administer Ability to Bene t exams.

Homeschooled students do not receive a high school diplomas that is acceptable for state nancial aid purposes as only public and registered nonpublic schools in New York State are permitted by Education Law to award diplomas. Therefore, homeschooled students must demonstrate their eligibility for State student nancial aid by completing one of the following:

- obtaining a letter from local school district of cials con rming that the student has received an education "substantially equivalent" to instruction given to students graduating high school in the public school system;
- take and pass a Test Assessing Secondary Completion (TASC) formerly known as a GED and receive a NYS Hechool inI systeE]TJ ET EMC /Span <</LTw 8apfo not receive a high school diplomas that is

of the two consecutive semesters (one-time requirement), for a minimum total of 24 credits earned, and maintain a minimum of a “C” average. In addition, the student must be a United States citizen or eligible noncitizen, be a legal resident of New York State, have graduated from high school in the United States, or earned a GED, or passed a federally approved “Ability to Bene t” test as de ned

2. Survivors of the terrorist attacks who are severely and permanently disabled as a result of injuries sustained in the attacks or rescue and recovery operations.

Additionally students must:

- Study at an approved postsecondary institution in New York State
- Be enrolled as a full-time student taking at least 12 credits applicable to the program of study. This provision limits the number of general electives a student may take and still be eligible for the scholarship
- Be matriculated in an approved program of study
- Be in good academic standing and be making satisfactory progress as de ned above
- Not be in default on a State or federal student loan or on any repayment of state awards
- Have graduated from high school in the United States, earned a GED, or passed a federally approved "Ability to Bene t" test as de ned by the Commissioner of the State Education Department. First-time state aid recipients entering as freshman students, or continuing students in the 2006-07 academic year and thereafter with a non-U.S. high school transcript, are required to pass an Ability to Bene t exam. Students must meet the Ability to Bene t requirement before the rst day of classes for the term for which they are seeking aid. Please Note: Marist College does not administer Ability to Bene t exams.

How to Apply:
Please refer to

(b) A student may be allowed up to 10 years to repay the loan. Low-income individuals may be eligible for an additional 10-year repayment period with the approval of the Department of Education.

(c) A loan may be cancelled in the following situations and at the designated rates. (Please Note, the borrower must notify the college of a situation wherein the borrower becomes eligible for deferment of payment or cancellation of the loan obligation:

Explanation of Cancellations:

You are eligible to apply for partial cancellation of loan principal and accrued interest on your Federal Perkins, National Direct, or National Defense student loan if you meet one of the eligibility criteria described below, and regardless of the provisions listed in your promissory note. However, if the service or employment for which you are claiming partial loan cancellation is not included in your promissory note, then the service or employment must start October 7, 1998 or after. In this case, teachers employed in a year-around program may qualify if the school year began on or after 7/1/98.

Teacher Cancellation Bene ts:

Borrowers performing teaching services might be eligible for a cancellation credit that can be applied toward payments of loan principal and accrued interest. A teacher is de ned as one who is a professional employee of a school system working on a full-time basis and is devoted to providing classroom instruction or related services in support of the educational program.

Handicapped Students– Teachers working in classes where the majority of the students are handicapped and in an institution providing elementary or secondary education as determined by state law.

Low Income– Teachers or staff members serving in public or nonpro t private elementary or secondary schools having high concentrations of students from low-income families. However, the school in which teaching service is performed must be included in the listing of schools having High Concentrations of Students from Low-Income Families, which is published in the Federal Register. (The High Concentrations of Students from Low-Income Families is a document compiled each year by the federal government from lists submitted by the individual states of schools designated by those states to have a high concentration of students from low-income families. Each state, however, is given a quota of schools to be listed and not all schools having high concentrations of students from low-income families will be listed. Only those schools listed will be considered for special cancellation bene ts.)

complete the new hire paperwork packet in Student Financial Services, which includes the Federal Form I-9, W-4 Federal Tax Withholding Form, IT-2104 State Tax Withholding Form, and Direct Deposit Agreement. In addition, students must present original identi cation documentation as outlines on the last page of the Federal Form I-9 to Student Financial Services when submitting this paperwork.

6. Once a student is hired, their supervisor must submit an ePAF (Electronic Personnel Action Form), which creates the student's work assignment and online timeshPCsT

the term and the fact that the student has maintained the necessary GPA requirement.

MID-HUDSON RIVER VALLEY COMMUTER GRANT

The Mid-Hudson River Valley Commuter Grant will be awarded to undergraduate freshmen who commute to campus. The $5,000 grant will be in addition to a merit scholarship, should one be awarded, and allocated evenly in the fall and spring semesters ($2,500 each).

To be eligible, students must be undergraduate freshmen commuting from their permanent residence in the Mid-Hudson River Valley or its surrounding areas, a U.S. citizen or permanent resident, and enrolled full-time.

The Mid-Hudson River Valley Commuter Grant is renewable for up to eight academic-year semesters (fall and spring) for students who continue to commute from their permanent residence and maintain satisfactory academic progress toward their degree.

Students who change their housing status after the May 1 deposit deadline or move off campus will not be eligible for this grant. Students receiving additional aid from the college (athletic scholarship, employee tuition bene ts, etc.) will be evaluated on a case-by-case basis..

MARIST COLLEGE TRANSFER SCHOLARSHIP

Each year Marist College awards merit-based scholarships to academically talented transfer students. The Marist College Transfer Scholarships are granted upon the recommendation of the Admissions Review Committee to transfer students who have excelled at the college(s) from which they are transferring. The scholarships are renewable each semester provided the recipient maintains the necessary cumulative GPA. New students at Marist are given their initial term as a grace period to achieve the necessary cumulative 2.850 GPA.

MARIST COLLEGE GRANT

Students who possess a good academic record and demonstrate nancial need may qualify for a Marist Grant.

1. The Marist Grant-In-Aid is awarded only to full-time students for the current academic year. This grant is not guaranteed each year and is based upon nancial need, which could change each year.
2. The grant is awarded to students on the basis of nancial need, good academic performance, nancial need, other nancial aid resources available to students, and the funds available for the grant program.
3. Payment of the award is made in two equal payments in the fall and spring, unless otherwise noted. The amount will be directly applied to the student's account upon verifying the student's full-time enrollment.
4. Marist undergraduate institutional aid is awarded for up to four years of full-time enrollment. Students requesting additional aid beyond this timeframe are required to provide a reconsideration letter with supporting documentation and will be evaluated on a case by case basis.

OTHER SCHOLARSHIPS

NCAA ATHLETIC SCHOLARSHIPS

dedicated and inspiring service as a master teacher, academic leader, and Marist Brother. This scholarship will be awarded annually to a full-time undergraduate student who is beyond the freshman year and because of unforeseen nancial circumstances needs additional aid to complete his or her degree at Marist. Recipients must have documented nancial need. The award may be renewed at the discretion of the Of ce of Student Financial Services.

CATHERINE REGAN HANIFIN MEMORIAL SCHOLARSHIP
Established by John Hani n, an IBM executive and member of Marist's Board of Trustees, in memory of his grandmother. Awards are made to students who have demonstrated academic excellence and have signi cant nancial need. The scholarship is not limited to upperclassmen and is renewable.

CHARLES E. CONKLIN AND MABEL E. CONKLIN SCHOLARSHIP
The Charles E. Conklin and Mabel E. Conklin Scholarship fund has been established at Marist College by two prominent members of the local community. The Charles E. Conklin and Mabel E. Conklin Scholarship will be awarded to graduates of Dutchess Community College who transfer to Marist to complete their undergraduate degrees. Preference will be given to recipients of The Charles E. and Mabel E. Conklin Scholarship for Academic Excellence at Dutchess Community College.

DR. ARMAND HAMMER SCHOLARSHIP
The Dr. Armand Hammer Scholarship is awarded annually to students who demonstrate academic excellence and the potential to become outstanding Marist graduates.

GREGORY J. SALAMONE '01 MEMORIAL SCHOLARSHIP
The Gregory J. Salamone '01 Memorial Scholarship has been established at Marist College by Michael and Rosemary Salamone in memory of their son. The Gregory J. Salamone '01 Memorial Scholarship provides nancial assistance to full-time students in their junior year who are members of Marist's Men's Cross Country or Track teams. Applicants must also be academically strong. Preference is given to student-athletes who excel as long distance runners. Scholarship awards may be renewable if the recipient's continue to meet the awarding criteria and remain in good academic standing.

H. CLIFTON & JOYCE WILSON MEMORIAL SCHOLARSHIP
This scholarship was established in memory of a former chairman and long-time member of the Marist College Board of Trustees. It is awarded annually to a student who has demonstrated a commitment to community involvement as exempli ed by the scholarship's namesake. Financial need and good academic standing are among the criteria.

JACK NEWMAN SCHOLARSHIP
Established by a long-time Trustee and former Chairman of the Board of Marist College, the Jack Newman Scholarship is awarded to academically talented upper-class students who are confronted with unexpected nancial problems that may jeopardize the completion of their education. Determination of eligibility and awarding of the scholarship are made by the Director of Student Financial Services.

JOHN J. DOUGHERTY MEMORIAL SCHOLARSHIP
Named in memory of John "Jack" Dougherty, long-time Director of Development at Marist College, this award was established from the estate of Jack's loving wife, Margaret. Awards will be made to students with nancial need.

MARY LOU GANTERT SCHOLARSHIP
The Mary Lou Gantert Scholarship, named for a former science student at Marist, is awarded to Marist students who possess superior academic potential.

PATRICK J. DONAGHY SCHOLARSHIP
Established by [illegible] these scholarships are awarded to young men or women of high character with leadership potential who would otherwise be unable to afford a Marist education. Recipients must be academically accomplished and have demonstrated nancial need.

PETER AND VIRGINIA FOY SCHOLARSHIP
The rst endowed scholarship to be established at Marist College, The Peter and Virginia Foy Scholarship was founded by Peter Foy and his wife, Eileen,

DAVID ALEXANDER MEMORIAL SCHOLARSHIP
The David Alexander Memorial Scholarship, established in 1993, is awarded to upper-class students who need nancial assistance to complete their studies at Marist. The scholarship is renewable provided that students remain in good academic standing. Preference is given to students from the Mid-Hudson Region.

DR. EDWIN A. ULRICH MEMORIAL SCHOLARSHIP
Named for a prominent area businessman who was a patron of the arts, the Dr. Edwin A. Ulrich Scholarship is awarded to students from the Hudson Valley who major in business or ne arts at Marist. Recipients will be noti ed in October

DR. STEVEN & MRS. ESTELLE DOBO SCHOLARSHIP
Established in honor of Dr. Steven Dobo and his loving wife, Estelle. The Dr. Steven and Mrs. Estelle Dobo Scholarship award will be made to students who qualify for nancial aid. Preference will be given to students who have graduated from a Hudson Valley area high school.

FRANCIS U. & MARY F. RITZ SCHOLARSHIP
Established by long-time friends of the College and community leaders, Francis U. and Mary F. Ritz, this scholarship will be awarded to young men and women from the Hudson Valley who have leadership potential at the highest level of their intended professions, as demonstrated by their academic accomplishments and campus activities that serve others.

FRANCIS X. & ELIZABETH H. TUCKER MEMORIAL SCHOLARSHIP
The Francis X. & Elizabeth H. Tucker Memorial Scholarship was established with a generous gift from the estate of Dr. Elizabeth Tucker. The Tuckers were long-time friends of Marist, who resided in Kingston, New York and strongly believed in the importance of education and the College's mission. A prominent attorney, Mr. Tucker served on the Marist Board of Trustees. Dr. Tucker taught at Columbia University. This scholarship is awarded to full-time traditional undergraduate students residing In the Hudson River Valley. Academic merit and nancial need are also award criteria.

HAROLD D. SPENCER SCHOLARSHIP
The Harold D. Spencer Scholarship is awarded annually to young men and women from Poughkeepsie, New York or Racine, Wisconsin who attend Marist College.

HELEN SCHATZ AND GEORGE BENNETT, JR. SCHOLARSHIP
The Helen Schatz and George Bennett, Jr. Scholarship is awarded upon recommendation of the Vice President of Admission and Enrollment to students from the Fairview area of Poughkeepsie, New York or from Dutchess County, New York.

HERB AND SUE REDL SCHOLARSHIP
The Herb and Sue Redl Scholarship is awarded to upper-class students who reside in the Mid-Hudson Region and need nancial assistance to complete their education at Marist. Recipients will be academically accomplished.

JOHN AND NANCY O'SHEA SCHOLARSHIP
The John and Nancy O'Shea Scholarship has been established at Marist College by two prominent community leaders. John P. O'Shea, a long-time member of the Marist Board of Trustees, and his wife Nancy have created this scholarship endowment to assist traditional-age commuter students. Scholarships will be awarded annually to students from the Hudson Valley who choose to live at home and commute to classes to help ease the nancial burden of pursuing their undergraduate degree at Marist. Financial need is a criterion. Awards will be renewed provided the recipient continues to meet awarding criteria.

JOHN J. GARTLAND, JR. MEMORIAL SCHOLARSHIP
The John J. Gartland, Jr. Memorial Scholarship was established at Marist with a generous gift from the James J. McCann Charitable Trust in memory of John J. Gartland, Jr., a former member and longtime Chair of the Marist College Board of Trustees. This scholarship is awarded to students from Dutchess County who are academically strong and have demonstrated a commitment to community service as epitomized by its namesake. Financial need is a consideration, and preference is given to graduates of Our Lady of Lourdes High School in Poughkeepsie, New York.

JOHN M. AND PATRICE M. CIANCI SCHOLARSHIP
The John M. and Patrice M. Cianci Scholarship has been established at Marist College by the Cianci family and members of the IBM community. It will provide nancial assistance to traditional-age Hudson Valley students who transfer to Marist to pursue an undergraduate degree in Communications. This scholarship will be renewed for one additional year provided the recipient still quali es academically.

JUNE JOHNS MEMORIAL SCHOLARSHIP
In memory of June Johns, the estate of Rhys H. Johns has established this scholarship fund to assist students who have nancial need. Preference will be given to students who have graduated from a Mid-Hudson Region high school with rst consideration to candidates from Dutchess County.

KATHERINE CONNOR MEMORIAL SCHOLARSHIP
The Katherine Connor Memorial Scholarship is given to local students with nancial need. It is awarded on the basis of academic achievement and community involvement.

LOUIS GREENSPAN MEMORIAL SCHOLARSHIP
Named for a successful businessman and long-time friend of Marist College,

strong work ethic and exhibit involvement in community service. Preference is given to a student athlete from the Long Island Catholic League.

Southern Tier Region

MCENROE FAMILY MEMORIAL SCHOLARSHIP

PETER AND ALICE O'KEEFE FAMILY SCHOLARSHIP

The Peter and Alice O'Keefe Family Scholarship has been established at Marist College by Professor Emeritus of History, Dr. Peter O'Keefe, a Marist Heritage Professor and Alice O'Keefe to help high school graduates from disadvantaged socioeconomic backgrounds pursue a Marist education. The Peter and Alice O'Keefe Family Scholarship provides nancial assistance to traditional full-time freshmen with nancial need. Scholarship awards will be renewed for up to three years (for a total of four years) provided the recipients remain in good academic standing.

Criminal Justice

COLEMAN HAGADORN SCHOLARSHIP
The Coleman Hagadorn Memorial Scholarship was established in memory of Coleman Hagadorn ’05. The scholarship will be awarded annually to a deserving upper-classman majoring in criminal justice at Marist. Preference will be given to a student who is planning to pursue a career in law enforcement as Coleman was.

ROLAND L. MASSIE MEMORIAL SCHOLARSHIP
Established by his family to honor the memory of a highly respected City of Poughkeepsie police of cer, the Roland L. Massie Memorial Scholarship aids upper-class students majoring in criminal justice. Financial need is a criterion. Awards are renewable provided the student maintains a 2.5 or higher average. Preference will be given to children or grandchildren of active or retired police of cers, or to those residing in the Hudson Valley.

Fashion Design

CUTTY SARK SCHOLARSHIP
The Cutty Sark Scholarship is awarded annually to a deserving fashion design student upon recommendation of the Director of the Fashion Program.

KATE SPADE & COMPANY FOUNDATION SCHOLARSHIP
The Kate Spade & Company Foundation Scholarship is awarded to an upper-class student majoring in fashion design who has demonstrated exceptional talent in the eld. It is made upon the 60 (ashion Pro)24.9 (g)-19.7 (ram.)E3ijF

Daniel Hoover, Ed.D., Director, Student Conduct and Greek Affairs

Colin McCann, M.A., Associate Director, First Year Programs/Commuter Coordinator
Melissa Lulay, M.S., Assistant Director, First Year Programs
Marie Elena Castellano, M.Ed., Coordinator, First Year Programs
Samantha Prof tt, M.Ed., Coordinator, First Year Programs
Casey Trocino, M.S.Ed., Coordinator, First Year Programs
Sarah Tsang, M.S., Coordinator, First Year Programs

Mary L. Dunne, M.D., Director, Health Services
Kim Boral-Weinstein, M.S., Nurse Practitioner
Kristen Corkery, B.S.N., Registered Nurse
Eileen McDowell, M.S.N., Nurse Practitioner
Janice Poley, M.S.N., Nurse Practitioner
Lillian Saccoman, B.S.N., Registered Nurse
Raymond Santiago, B.S., Registered Nurse
Donna Yerry, B.A., Registered Nurse

Vacant, Director, Special Services
Deborah M. Reeves-Duncan, M.A., Assistant Director, Special Services
Krista Ackert, M.S., Learning Disability Specialist
Maryellen Guardino, M.A., Learning Disability Specialist
Judith Creedon, M.A., Learning Disability Specialist
Diane Hayes, M.S.Ed., Learning Disability Specialist
Susan Jenkins, M.Ed., Learning Disability Specialist
John Pinna, M.Ed., Learning Disability Specialist
Danielle Yaw, M.A., Learning Disability Specialist

Naomi Ferleger, Ph.D., Director, Counseling
Jenny Colman, M.D., Psychiatrist
Allison Friedman, M.S., Counselor
Andrea Pesavento, M.S., LCSW-R, Counselor
Matt Spitzer, M.S.W., Counselor

Gladys Negron-Collier, B.S., Director, Upward Bound
Ch5 >>BDC BT Uii.s und

FACULTY

Christopher Algozzine, 2015
Professional Lecturer of Computer Science
B.S., Marist College
M.S., Marist College

Matthew Andrews, 2000
Associate Professor of English
Acting Certi cate-Nat'l Shakespeare Conservatory
B.A., Massachusetts College of Liberal Arts
M.A., Oklahoma State University
M.F.A., University of Oklahoma

Kavous Ardalan, 1998
Professor of Finance
B.A., National University of Iran
M.A., University of California at Santa Barbara

Kuangnen Cheng, 2016
Assistant Professor of Operations and Management Sciences
B.A., Soochow University
M.A., Tamkang University
M.B.A. San Francisco State University
D.B.A. Golden Gate University

Ron Coleman, 2002
Professor of Computing Technology
B.S., City College of New York
Ph.D., Polytechnic University

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Senior Lecturer of Accounting
B.A., Vassar College
M.S., Pace University
M.B.A., Marist College

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B.A., Boston College
M.A., Southern Illinois University Carbondale
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Senior Professional Lecturer of Computing Technology
B.S., Rensselaer Polytechnic Institute
M.S., Rensselaer Polytechnic Institute

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Assistant Professor of Fashion
B.S., State University of New York, Empire State College

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Associate Professor of English
B.A., Grinnell College
M.A., Indiana University at Bloomington
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B.A., College of New Rochelle
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B.S., Gonzaga University
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B.A., Colgate University
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Ph.D., University of Virginia

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M.S., Penn State - University Park
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Ph.D., University of Massachusetts at Amherst

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Ph.D., Rensselaer Polytechnic Institute

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Associate Professor of Environmental Science
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B.S., University of Nicolaus Copernicus
M.S., University of Nicolaus Copernicus
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B.A., Colorado College
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B.A., University of California at Santa Cruz
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Ed.D., StM0.8 S. ->BDC BT -0.05 194 >>BDC BT /T1_1 1 Tf 0 Tw 7 0 0 7 310.5 65751 Tm [(As

Carla L. Hill, 2006
Teaching Associate of Mathematics
B.A., Lenoir Rhyne College
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A.A.S., Dutchess Community College
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C. Ryan Kinlaw, 2007
Associate Professor of Psychology
B.S., University of North Carolina at Chapel Hill
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