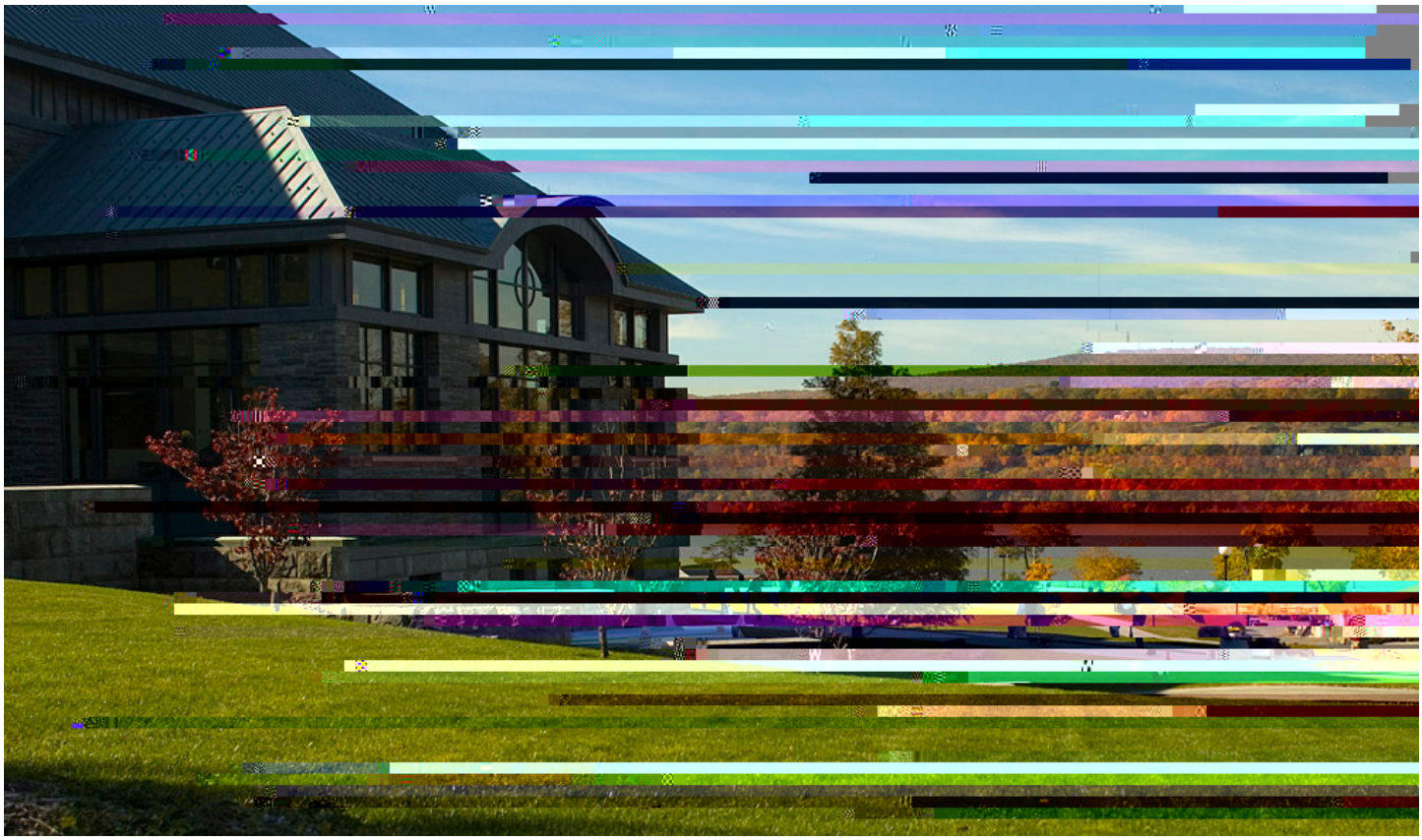
MARIST



Undergraduate Programs
2015–2016

MARIST COLLEGE

2015 – 2016 Undergraduate Programs

QUESTIONS regarding admissions and information about Marist College
may be directed to the Office of Admission, Marist College,
3399 North Road, Poughkeepsie, New York 12601.
The telephone number is (845) 575-3226.
E-mail: admission@marist.edu
WWW: http://www.marist.edu

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UNDERGRADUATE ACADEMIC CALENDAR 2015-2016

(TRADITIONAL 15-WEEK SEMESTER)

(*All other Sessions — see Registrar for Dates and Deadlines*)

FALL 2015

AUGUST

29 Saturday

DECEMBER

11	Friday	Last day of Fall 2015 classes.
14-18	Monday – Friday	Final Exam Period.
18	Friday	Residence Halls close at 5:00 P.M.
28	Monday	Final Grades due at 5:00 P.M.

WINTER SESSION 2016

Dates to be determined. When determined, the dates will be published on the Marist website at: http://www.marist.edu/academics/calendars.html

SPRING 2016

JANUARY

18	Monday	Residence Halls open at 10:00 A.M.
19	Tuesday	

With the naming of Dr. Dennis J. Murray in 1979 to the presidency of Marist College, another period of signi cant growth and development began. The campus now consists of 51 buildings and 37 student housing facilities, with a total estimated value of $607 million. Over the past two decades, Marist has expanded its course offerings and tripled its applicant pool. The College now

in attendance will be provided a statement of their FERPA rights in their registration materials.

FERPA Disclosure Exception:Marist College discloses education records without a student's prior written consent under the FERPA exception for disclosure to school of cials with legitimate educational interests. A school of cial is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or of cials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an of cial committee, such as a disciplinary or grievance committee, or assisting another school of cial in performing his or her tasks.

A school of cial has a legitimate educational interest if the of cial needs to review an education record in order to ful ll his or her professional responsibilities for the College. Marist College has designated the National Student Clearinghouse as a college of cial.

Under FERPA disclosure exceptions, Marist may release information from a student's education record without prior consent to appropriate parties including:

- Federal of cials in connection with federal program requirements;
- State and local of cials legally entitled to the information;
- Appropriate authorities in connection with nancial aid;
- Accrediting agencies, in connection with their accrediting functions;
- Courts or law enforcement in compliance with a lawfully issued judicial order, subpoena, or search warrant;
- Appropriate parties in a health or safety emergency, if necessary to protect the health or safety of the student or other individuals;
-

world. A vigorous collection development program keeps print, non-print, and

ALUMNI

Since 1946, more than 38,000 students have graduated from Marist College. They reside in all 50 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and many countries throughout the world.

The Marist College Alumni Association includes all undergraduate and graduate degree recipients of Marist. Its goals are to further the welfare of Marist and its alumni, to keep alumni informed about the College, to offer programs and 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 Of ce of Alumni Relations in strengthening the bond between the College and its graduates. Homecoming and Reunion Weekend is held each year, and chapters throughout the country provide opportunities for alumni to network professionally and socially.

In addition to participating in association governance, alumni provide career networking support to Marist undergraduates through the College's Center for Career Services, promote attendance at athletic events, and participate in organizing class reunions. The president of the Alumni Executive Board is a representative to the College's Board of Trustees.

Philanthropic support is essential to the College's future and graduates

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

enhances overall knowledge of computer science while enabling specialization in such important areas as arti cial intelligence, computer architecture, database, or systems software.

The Master of Education leads to New York State initial teaching certi cation in Adolescence Education (grades 7-12) for the following areas: Biology, Chemistry, English, French, Mathematics, Social Studies, and Spanish. This 36-credit program integrates theoretical knowledge into the curriculum along with practical skill-based learning and emphasizes multiple perspectives on contemporary educational problems. In addition, students will complete an electronic portfolio based on the Interstate New Teacher Assessment and Support.

The Master of Arts in Educational Psychology ful lls the New York State requirements for professional teaching certi cation in Childhood Education (grades 1-6). If you have initial teaching certi cation in Adolescence Education (grades 7-12), you can choose an alternative track and receive certi cation in the middle school extension (grades 5-6). This program is designed around a pedagogical core curriculum enabling teachers to develop the depth and breadth of knowledge needed to be effective.

The Master of Arts in Mental Health Counseling provides the academic preparation necessary to become a NY State Licensed Mental Health Counselor (LMHC). The program may meet or exceed the academic requirements for professional counselor licensing in other states as well. The 60-credit Mental Health Counseling Program emphasizes the personal and professional growth of its students, fostering self-awareness and a deeper understanding of others. Counselors-in-training gain the knowledge and skills necessary to provide quality mental health care to help their clients function effectively in all aspects of their lives.

The Master of Arts in School Psychology is designed to prepare professionals to meet the challenge of assisting today's students within the interactive contexts of their schools, families, and communities. The program provides instruction in the theory and skills associated with the ve roles regularly encountered by school psychologists: facilitator in understanding human behavior, counselor, psychological/educational examiner, consultant, and information specialist/ intervention strategist. Marist's program is NYSED approved and leads to initial certi cation as a school psychologist.

The Master of Arts in Communication is a graduate degree designed to serve those just emerging from baccalaureate studies in communication as well as seasoned professionals already in the workplace. This program focuses on the management of communication within and between organizations. It shows students how to become effective communicators and leaders with improved con ict-resolution and negotiation skills. It infuses the values and skill sets needed to build relationships and act as a catalyst for change, enabling graduates to transform their environments.

The Master of Arts in Museum Studies is offered in partnership with the Istituto Lorenzo de Medici in Florence, Italy. This 34 credit, one-year program exposes students to the principal aspects of museum management and public

CAMPUS LIFE

STUDENT ACTIVITIES

The primary focus of Student Activities is to encourage all students to develop their intellectual, spiritual, cultural, social, vocational, and physical capabilities. The Of ce of College Activities helps coordinate and promote leadership opportunities and a variety of programs and services to enhance community development at Marist. Organizations include student government, residence hall councils, co-curricular clubs, honoraries, social fraternities and sororities, publications, recreation, community service, and a variety of interest groups. These activities are an integral and vital part of the educational life of the College, sharing goals of academic and personal development.

RESIDENCE LIVING

Residing in College housing provides students the opportunity to experience living in a community dedicated to the academic and personal development of each member. College housing is guaranteed for the rst two years for

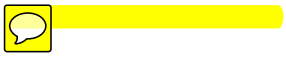
Participation Opportunities

Campus residence and class level determine which dining plan options are available to students. All resident freshmen are required to participate in the Carte Blanche Plan. Students returning as a sophomore, junior, or senior and residing in college housing are assigned to a campus dining plan based on their residence location. All residents housed as sophomores, excluding Marian and Mid-Rise halls, will be pre-enrolled in the Apartment 15 Meals Plus $150 Thrifty Cash for the semester and must remain at a minimum in this plan. Residents of Mid-Rise and Marian Halls are required to parare requir4cohquir4cohqui

Marist's spacious campus includes a number of athletic facilities. On the south end of campus is the James J. McCann Recreation Center. This recreational facility was opened in 1977 and is the focal point for the majority of our athletic teams. In September 2011, an 11,660 square-foot addition to the south end of the McCann

the community. The Gartland Athletic Fields are located behind the Gartland

the physical education programs as well as in the intercollegiate, intramural, and



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

Double majors, minors and certi cates must be completed by the time the four-year degree requirements have been satis ed. If a student has completed their four-year degree requirements, but wishes to delay their graduation conferral to complete their declared second majors, minors, or certi cates, they must notify the Registrar's Of ce in writing of their intention to postpone their degree 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. (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.) Forms to declare a minor are available in the Of ce of the Registrar. Minors must be completed by the time the four-year degree requirements have been satis ed. If a student has completed their four-year degree requirements, but wishes to delay their graduation conferral to complete their declared minor requirements, they must notify the Registrar's Of ce in writing of their intention to postpone their degree conferral. Students who choose this option will not be eligible for additional federal or state nancial aid to complete their minor.

ATTENDANCE POLICY

Attendance policies for each course are determined by the instructor and they are generally stated in writing in the course syllabus. Instructors usually announce and interpret their attendance policies during the rst class meeting. Students are responsible for familiarizing themselves with the attendance policy in each of their courses and for informing instructors if circumstances prevent their compliance. Instructors include contact information in the course syllabus for this purpose.

Students are encouraged to contact the Center for Advising and Academic Services (CAAS) when an illness or emergency arises which prevents attendance for four or more consecutive days. Conversely, faculty members are asked to discuss excessive absence with their students and report these situations to CAAS for further investigation.

GRADING SYSTEM

A student receives both midterm grades and nal grades. However, only the nal grades will appear on the academic record.

Grading is an objective measure of a student's mastery of a selected body of knowledge contained in a speci c course. This mastery involves the elements of memory, understanding, and expression. Memory refers to retention of certain items of information. Understanding implies insight into the interpretation of these facts. This insight would include the meaning of the thing itself, its relationship with other things or data, and the ability to apply this information or data to new situations and problems. Expression is the ability to convey this assimilated knowledge to others.

In assigning a grade to a student, the instructor must function as a judge in a courtroom: examine thoroughly all the evidence involved in the case, weigh the evidence, and make a decision on the basis of this evidence. In a similar way, the basis of the instructor's judgment is the concrete evidence the student himself provides. Formal examinations are only part of this evidence; questions asked by the student, recitation, term papers, book reports, written and oral quizzes, the student's participation in class discussion – each sheds light on the student's development in mastering a subject and is therefore pertinent to the instructor's grade evaluation of the student.

Viewed in the light of the preceding statement, the grading system is as follows:

C

To earn a C grade a student must be able to recall the basic elements of a course, understand the essential background and materials of a course, apply the basic principles involved, and express them intelligibly.

B

To earn a B grade a student must manifest all the qualities characteristic of a C student and in addition reveal a memory that encompasses more than the basic elements of a course; he or she has a more personal grasp of the principles of the course and perceives wider application of them. The student should be able to discuss the subject matter of the course with ease.

A

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College and the highest or second highest grade-point index in the class. Eligibility criteria for the Award of General Excellence include completion of at least 60 credits of study at Marist College and the next highest grade-point index in the class. Eligibility criteria for the Merit Award are completion of at least 60 credits of study at Marist College and the next highest grade-point index in the class. The award for Academic Distinction is presented to the graduating student who has completed fewer than 60 credits at Marist College and has achieved the highest grade-point index within this group. To be eligible for these awards, this must be the student's first baccalaureate degree and all requirements must be completed by the commencement ceremony in which the student intends to participate.

THE MARIST COLLEGE HONORS PROGRAM

The Marist Honors Program has as its mission developing scholars, leaders and global citizens. In keeping with the overall mission of the College, which espouses an ideal 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, Marist's Honors program will provide opportunities for academic excellence, leadership, cultural enrichment, and global engagement.

The Program offers outstanding students in all majors a variety of learning experiences in and outside the academic setting. Honors seminars and co-curricular activities, such as retreats and trips, bring together talented students who seek a more intensive and extensive educational experience. Promoting the adventure of intellectual pursuits, the Program challenges students to achieve their academic potential while they develop as responsible citizens and leaders in an increasingly culturally complex world.

ACADEMIC DISMISSAL

Students who fail to meet the minimum academic standards of the College may be dismissed. Every Marist student has one opportunity to appeal a rst time

ATHT	Athletic Training
BIOL	Biology
BUS	Business
CAST	Catholic Studies
CHEM	Chemistry
CHIN	Chinese
CLDM	Communication*
CMPT	Computing Technology
COM	Communication Arts
CONV	Conservation Studies*
CRDV	Career Development
CRJU	Criminal Justice
CSAR	Culture Studies - Arabic
CSCU	Culture Studies – Civilization
CSFR	Culture Studies – French
CSIT	Culture Studies – Italian
CSJP	Culture Studies – Japanese
CSSP	Culture Studies – Spanish
ECON	Economics
EDUC	Education
EFL	English as a Foreign Language
ENG	English
ENSC	Environmental Science
FASH	Fashion Design and Merchandising
FREN	French
FYS	First Year Seminar
GBST	Global Studies
GERM	German
GRAP	Graphic Arts*
GREK	Greek
HIST	History
HLTH	Health
HONR	Honors
HST	Historical Studies*
INTD	Liberal Studies
ITAL	Italian
ITDS	Interior Design*
JPN	Japanese
LAT	Latin
LERN	Learning Center
LIT	Literature*
MATH	Mathematics
MDIA	Media Studies and Production
MEDT	Medical Technology
MUS	Music
ORG	Organizational Administration
PHED	Physical Education
PHIL	Philosophy
PHRS	Philosophy and Religion*
PHYS	Physics
POLI	Politics and International Studies*
POSC	Political Science
PRLG	Paralegal
PSYC	Psychology
REST	Religious Studies
SOC	Sociology
SOCW	Social Work
SPAN	Spanish
STUD	Studio Arts*
WMST	Women's Studies

INDEX OF PROGRAMS

The following index lists approved programs offered by Marist College with the official title, degree, and New York State HEGIS code number. Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student financial aid awards.

Program	Degree	HEGIS Code
Undergraduate Programs:		
Accounting	BS	0502
American Studies	BA	0313
Applied Mathematics	BS	1703
Athletic Training	BS	1299.30
Biochemistry	BA	0414
Biology	BS	0401
Biology 7-12	BS	0401.01
Biomedical Sciences	BS	0499
Business Administration	BS	0502
Chemistry	BA	1905
Chemistry	BS	1905
Chemistry-Biochemistry	BS	1905
Chemistry 7-12	BS	1905.01
Childhood Education/Students with Disabilities (1-6)	BA	0808
Communication Arts	BA	0601
Computer Sci. Software – 5 Yr.	BS/MS	0701
Computer Science	BS	0701
Computer Science Info. Systems / Computer Sci. Info. Systems – 5 Yr. / English 7-12 BA – 1501	BS/MS	0702
Criminal Justice	BS	2105
Digital Media	BS	0605
Economics BA	BA	2204
English	BA	1501
English 7-12	BA	1501.01
Environmental Science & Policy	BS	0420
Fashion Design	BFA	1009
Fashion Merchandising	BS	1009
Fine Arts	BA	1001
French	BA	1102

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 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 teach research, and creative activities. The School is dedicated to serving students, the professions of communication and the arts, and the New York State Hudson 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.
- To help students critically and imaginatively analyze complex forms of communication, works of art, and performance.
- To help students make informed choices in an increasingly multicultural and media-centric society.
- To help students be engaged members of their community.
- To help students pursue rewarding careers in communication and the arts.
- To help students pursue graduate studies in communication and the arts.

DEPARTMENTS AND PROGRAMS

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Department of Art and Art History
Offers majors in:
Studio Art . . . 53
Art History . . . 53
Digital Media . . . 55
Offers minors in:
Photography . . . 60
Studio Art . . . 59
Art History . . . 59
Graphic Design . . . 60

Department of Communication
Offers major in:
Communication . . . 83
Offers minor in:
Communication . . . 87

Department of Media Arts
Offers major in:
Media Studies and Production . . . 150
Offers minors in:
Cinema Studies . . . 150
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Program in Fashion Design and Merchandising
Offers majors in:
Fashion Design . . . 116
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Offers minors in:
Fashion Merchandising . . . 119
Product Development . . . 119

Program in Music
Offers minor in:
Music . . . 159

SCHOOL OF COMPUTER SCIENCE AND MATHEMATICS

ROGER NORTON, Ph.D.,Dean
MARY ANN HOFMANN , M.A., M.S.,Assistant Dean

PROGRAMS OF STUDY
The School of Computer Science and Mathematics includes the following Departments: The Department of Computing Technology and The Department of Mathematic

The School offers the Bachelor of Science Degree with majors in Computer Science, Information Technology and Systems, and Applied Mathematics. Also offere is the Bachelor of Arts Degree with a major in Mathematics. In addition, the School offers Master of Science Degrees in Computer Science and in Information System (See the Graduate Catalog for information on these programs.)

MISSION:
The School of Computer Science and Mathematics prepares all Marist students to live and work in a technology-driven, rapidly changing world. The School provide a broad-based mathematical and technological education to its students within the context of a solid liberal arts foundation. Students receive in-depth instruction in t theoretical underpinnings of their chosen elds, which they can apply through a wide variety of practical experiences.

The School prepares students for careers of lifelong learning in which they can contribute at the technological frontier of a global community that is increasingly dependent on mathematical and technological expertise. In addition, the School provides students with an ethical framework for the responsible use of mathemat and technology.

GOALS:
- To educate students to think critically, communicate effectively, and create work of high quality.
- To stimulate intellectual curiosity and risk-taking so that students can become agents of change in their chosen elds.
- To teach students to become independent learners so that they will have the skills to continue learning throughout their lives.
- To provide students with the necessary theoretical and practical knowledge to prepare them for careers in mathematics, applied mathematics, computer scien information systems, and information technology.
- To prepare students for graduate study in mathematics, applied mathematics, computer science, information systems, and information technology.
- To provide mathematical and technical competency education to the entire Marist student community through a wide variety of courses in mathematics an computing.

The School of Computer Science and Mathematics is committed to providing its students with a broad range of educational opportunities both on and off the Maris College campus, including internships in the surrounding business community that provide many students with experience in their chosen elds. The School i dedicated to serving its students, the professions of mathematics and computing, and the community of which it is a part.

DEPARTMENTS AND PROGRAMS

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Department of Computing Technology
Offers majors in:
Computer Science 88
Concentration in Software Development 89
Concentration in Game and Design Programming 91
B.S. – M.S. Computer Science 92
Information Technology & Systems
Concentration in Information Technology 136
Concentration in Information Systems 137
B.S. – M.S. Information Systems 141
Offers minors in:
Computer Science 92
Information Technology 139
Information Systems 140
Offers certi cates in:
Data Center Technologies 134

Department of Mathematics
Offers majors in:
Applied Mathematics 50
Mathematics 148
Offers minor in:
Mathematics 147

SCHOOL OF LIBERAL ARTS

MARTIN SHAFFER , Ph.D.,Dean

PROGRAMS OF STUDY
The School of Liberal Arts includes the following Departments: The Department of English, The Department of History, The Department of Modern Languages and Cultures, The Department of Philosophy/Religious Studies, and The Department of Political Science.

The School offers the Bachelor of Arts Degree with majors in American Studies, English, History, French, Italian, Spanish, Philosophy, and Political Science.

Minors:
American Studies 49
Catholic Studies 74
Global Studies 127
Hudson River Valley Regional Studies 135
Jewish Studies 142
Latin American/Caribbean Studies 143
Women's Studies 183
Certi cate:
Paralegal 161
Concentrations:
Public Administration 173
Public History 173
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SCHOOL OF SCIENCE

JAMES DUMOND, 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 Chemistr
Biochemistry & Physics, The Department of Environmental Science & Policy, and The Department of Medical Laboratory Sciences.

The School offers the Bachelor of Science Degree with majors in Athletic Training, Biology, Biology Education, Biomedical Sciences, Chemistry, Chemistry wit
Biochemistry option, Environmental Science (Policy and Science tracks), and Medical Technology. The Bachelor of Arts Degree with majors in Biochemistry a
Chemistry is also offered.

MISSION:
The School of Science primarily addresses itself to meeting the needs of students majoring in the scienti c disciplines. These needs include a sound grasp of theor
principles and the ability to apply them. A strong emphasis on laboratory experiences and student research is designed to wed theory and practice. Our aim is to p
students for continuing education at the university level, including programs in the health professions and law, and for entry-level professional positions in the elds
which they have been trained. Consistent with this aim toward professional preparation, science programs stress the broader skills and competencies that form the

SCHOOL OF SOCIAL AND BEHAVIORAL SCIENCES

MARGARET R. CALISTA , M.S.W.,Dean

PROGRAMS OF STUDY

The School of Social and Behavioral Sciences includes the following Departments: The Department of Criminal Justice, The Department of Education, The Departme of Psychology, and The Department of Sociology and Social Work.

The School offers the Bachelor of Arts Degree with majors in Psychology, and Psychology with dual certi cation in Childhood Education and Students with Disabilities 1–6. Also offered is the Bachelor of Science Degree with majors in Criminal Justice and Social Work. In addition, the School offers the Master of Arts Degree in Psychology, Mental Health Counseling, Educational Psychology, School Psychology, and a Master's in Education. (See the Graduate Catalog for informatio on these programs.)

MISSION:

Study in each of the School's undergraduate majors provides students with professional preparation for entry into elds of work associated with the major. Concurrently students' learning prepares them for advanced study in career-oriented graduate programs.

The curriculum for each of the School's majors presents a highly integrated blend of the theoretical and applied aspects of the respective disciplines. This theoretic applied integration is enhanced by signi cant internship experiences. Internships are designed for students to continue their learning in real work situations and to ha the experience of making learning-based contributions to real problems in the work setting.

The School seeks to accomplish its mission by creating learning environments in which students are encouraged to develop their critical-thinking, problem-solving self-re ective, self-management, and creativity skills. This occurs in the context of studying course content, learning the methodologies of the discipline, learning skills associated with the discipline, and engaging in the values/ethical issues presented by the discipline. Drawing upon knowledge gained from their broad-based Co Liberal Arts curriculum, students work with faculty to integrate their professional and liberal arts studies. Faculty also seek to invigorate the learning environment through innovative uses of technology. Throughout the entire program students are given many opportunities to demonstrate progress in ful lling the requirements o their major.

From a professional perspective, faculty facilitate students' internalization of the discipline's code of ethics. The School's professional focus is also enhanced by th availability of accelerated, combined Bachelor's/Master's Degree programs for exceptional students in the B.A./M.A. in Psychology and the B.A./M.A. Psychology/ Educational Psychology with dual certi cation in Childhood Education and Students with Disabilities 1–6. These exceptional students begin to take graduate-leve courses during their undergraduate program. Similarly, graduates from the School's Social Work major may receive advanced standing in MSW programs throughou the country with signi cant saving of credits at the graduate level. Students in the Criminal Justice major may begin study in the Master's/Public Administration Program, and earn an M.P.A. with a concentration in Criminal Justice within one year after graduating with their Bachelor's Degree.

DEPARTMENTS AND PROGRAMS

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Department of Criminal Justice
- Offers majors in:
  - Criminal Justice 95
  - Double major with Psychology 95
- Offers minor in:
  - Criminal Justice 97

Department of Education
- Offers programs leading to initial certi cation in:
  - Childhood Education/Students with Disabilities 1-6 100
  - Adolescence Education Grades 7-12 102

SCHOOL OF PROFESSIONAL PROGRAMS

Vacant, Ph.D.,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 Bachelor of Science degrees for the Liberal 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 professi programs, on-site training, and related services for adults, career professionals, and businesses. Its mission is to be a leader in providing innovative, quality-d 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 academic programs:
Adult Bachelor's Degree Completion Programs (including the B.A./B.S. in Liberal Studies)
Executive Education
Center for Lifetime Study
Summer Session
Winter Intersession
Fishkill Executive Center

The goal of the School of Professional Programs has always been to emphasize quality in academic programs, teaching facilities, and support services for the student. This emphasis has built a true adult learning community offering the widest array of undergraduate and professional certi cate programs in the Hudson R Valley.

The School of Professional Programs is located on the main campus, just off Route 9 in Poughkeepsie, New York, (845) 575-3202. The Fishkill Executive Cent located at the intersection of Route 9 and I-84 in the town of Fishkill, (845) 897-9648.

DEPARTMENTS AND PROGRAMS

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Adult Bachelor's Degree Completion Program
Offers:
Liberal Studies

THE CORE/LIBERAL STUDIES CURRICULUM

MOIRA FITZGIBBONS , Ph.D., Core/LS Director

MISSION:
One enduring element of the mission of Marist College has been to provide students with an experience that blends career preparation with an education in the tradit of the liberal arts. The commitment of the faculty to providing students with a rounded education is evident in the Core/Liberal Studies Program which emphasizes th following goals:

- To assist and challenge students to become more aware of their own values and the ethical implications of the choices they face in their public and private worl
- To develop in students the capacity to synthesize and integrate methods and insights from a variety of intellectual disciplines.
- To introduce students to the essential ideas and skills that comprise the disciplines of the liberal arts and the sciences.
- To develop in students crucial 21st-century skills including critical thinking, written exposition, public presentation, information literacy, and technological competency.

To achieve these goals, students are exposed to a curriculum that is both integrative and distributive, blending courses that all students take as part of a sha educational experience with elective courses in the liberal arts and sciences.

The Foundation courses in the Core/Liberal Studies Program introduce students to the College as an intellectual community and instruct them in skills they will us throughout their undergraduate experience and beyond. The First Year Seminar introduces students to critical thinking, writing, public presentation, information literacy and interdisciplinary study through exploration of a focused topic. The other required Foundation course, Writing for College, enables students to develop their abilit to critically analyze and learn through writing. Students also learn methods of scholarly documentation and the organization and presentation of ideas. These skills a essential for success in academic and professional life. Each First Year Seminar and Writing for College course engages with one or more of the following themes cent to liberal learning: Civic Engagement, Cultural Diversity, Nature & the Environment, and Quantitative Reasoning.

The Core/LS Program's distribution requirements introduce students to a broad range of disciplines and develop their ability to approach problems in an integrativ manner. Breadth courses are content-based and emphasize an understanding of the skills, methodology, and ethical issues of each discipline. Philosophical Perspec a Breadth course taken by all students, enables students to examine basic philosophical questions concerning knowledge (epistemology), reality (metaphysics), a human values (ethics, political philosophy, aesthetics) essential to the College's curriculum as a whole. The 12-credit Pathway component of the distribution requiremen offers students the opportunity to explore disparate approaches to a focused interdisciplinary topic.

In order to build on the skill instruction provided in the Foundation courses, the Core/LS Program requires that each student complete an "intensive" course i the following skill areas: writing, public presentation, and technological competency. These courses may overlap with courses taken for the Core/LS Program or in th major eld of study.

The required Capping Course is a discipline-based experience that addresses the general concerns of the discipline within a wider context and further develops skills and values awareness developed throughout the Core/Liberal Studies Program.

The Core/Liberal Studies Program outlined below is in effect for all incoming freshmen in Fall 2013 and afterward except students in the Liberal Studies Major. Students who entered the College prior to Fall 2013 should consult earlier versions of the catalog. Students transferring to Marist may receive Core/Liberal Studi

Ethics, Applied Ethics, or Religious Studies	3 cr
Fine Arts	3 cr
History	3 cr
Literature	3 cr
Mathematics (see Mathematics placement recommendation)	3 cr

Literature, Fine Arts, Philosophy/Religious Studies)

- Elective course 3 cr
- Internship 0-6 cr**

Total 12-16 cr

* An individual study plan is arranged by each student with his/her academic advisor, according to the program selected, individual learning goals, and degre requirements.

** Credits earned for an internship depend on the internship program selected and internship length (number of hours worked).

ACCOUNTING

DELLA LEE SUE , Ph.D.,Chairperson

MISSION:

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 Related Fields			
	BUS 202 Global Business & Society	3 cr		
	BUS 302 Organizational Behavior	3 cr		
	BUS 320 Financial Management	3 cr		
	BUS 340 Marketing Principles	3 cr		
	BUS 380 Business Law I	3 cr		
	BUS 381 Business Law II	3 cr		
	Two ACCT or BUS courses	6 cr		
	CMPT 300 Management Information Systems	3 cr		
	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		
Credit Requirement in Related Fields			39-40 cr	
Total Credit Requirement for a Major in Accounting				72-73 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			10-11 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 websl rel sfution requirements.

REQUIREMENTS FOR A MINOR IN ACCOUNTING

Required Introductory-Level Courses

ACCT 203 Financial Accounting	3 cr
ACCT 204 Managerial Accounting	3 cr
BUS 100 Introduction to Business and Management	3 cr
ECON 150 Economics of Social Issues OR	

AMERICAN STUDIES

MARTIN SHAFFER , Ph.D.,Coordinator

SOPHOMORE YEAR

FALL		SPRING	
American Studies – Fine Arts	3 cr	American Studies – Political Science	3 cr
HIST 227 American History II	3 cr	CMPT 103 Technology for 21st Century	3 cr
REST 201 Religion in America	3 cr	PHIL 240 American Pragmatism	3 cr
Core/LS Elective	3 cr	Core/LS Elective	3 cr
Core/LS Elective	3 cr	Core/LS Elective	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
Core/LS Elective	3 cr	American Studies – POSC International	3 cr
American Studies – American Literature	3 cr	Core/LS Elective	3 cr
American Studies –American History Elective	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	
HIST 477 Capping	3 cr	American Studies – History (non-American)	3 cr
American Studies - Literature (non-American)	3 cr	PHIL 342 American Social Thought	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	2 cr	Elective	3 cr
	14 cr		15 cr

APPLIED MATHEMATICS

TRACEY MCGRAIL , Ph.D.,Chairperson

MISSION:
The Applied Mathematics major provides a strong foundation in traditional mathematics, but additionally is interdisciplinary in nature as it addresses the needs of thos students interested in scienti c or operational applications of mathematical techniques. Such applications can be found in the elds of physics, chemistry, biology medicine, computer science, nance, actuarial science, operations research, industrial mathematics, and many others. These applications require an understandin the appropriate eld, so students are expected to choose one of four sub elds outside of mathematics in which to specialize.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

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

For the proposed curriculum in both the Computer Science and Actuarial tracks below, Lab Science I and Lab Science II may be comprised of any one of the followin three options:

1. Physics Option – Any two of the following three physics lecture/lab combinations (taken in any order):
   - PHYS 211 General Physics I (3 cr) and PHYS 213 Physics Lab I (1 cr)
   - PHYS 212 General Physics II (3 cr) and PHYS 214 Physics Lab II (1 cr)
   - PHYS 221 Modern Physics I (3 cr) and PHYS 222 Modern Physics Lab (1 cr)
2. Chemistry Option – The following two chemistry courses (taken in the order below):
   - CHEM 131 General Chemistry I: Introduction to Inorganic Chemistry (4 cr)
   - CHEM 132 General Chemistry II: Introduction to Physical Chemistry (4 cr)
3. Biology Option – The following two biology courses (taken in the order below):
   - BIOL 130 General Biology I (4 cr)
   - BIOL 131 General Biology II (4 cr)

Applied Mathematics Foundation Courses (33 credits)*

MATH 241, 242, 343 Calculus I-III	12 cr
MATH 210 Linear Algebra	3 cr
MATH 310 Introduction to Mathematical Reasoning	3 cr
MATH 321 Differential Equations	3 cr
MATH 330 Probability and Statistics	3 cr
MATH 420 Mathematical Analysis I	3 cr
MATH 422 Applied Mathematics	3 cr
MATH 477 Math Capping Course	3 cr

Applied Mathematics Upper-Level Electives (9 credits)*

Choose 3 courses from: 9 cr

MATH 331 Applied Statistics
MATH 393 Special Topics in Mathematics I
MATH 394 Special Topics in Mathematics II

MATH 410 Abstract Algebra
MATH 411 Abstract Algebra II

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	General Electives			17-18 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 APPLIED MATHEMATICS

FRESHMAN YEAR

FALL		SPRING	
MATH 241 Calculus I	4 cr	MATH 242 Calculus II	4 cr
CMPT 120 Intro to Programming	4 cr	PHIL 101 Philosophical Perspectives	3 cr
FYS 101 First Year Seminar	3 cr	Track Requirement or Core Dist.	3-4 cr
ENG 120 Writing for College	4 cr	Core/LS	3 cr
		Core/LS (if no 4-cr Track Req.)	0-3 cr
	15 cr		14-16 cr

SOPHOMORE YEAR

FALL		SPRING	
MATH 343 Calculus III	4 cr	MATH 310 Intro Math Reasoning	3 cr
MATH 210 Linear Algebra	3 cr	MATH 321 Differential Equations	3 cr
Track Requirement	4 cr	Track Requirement	4 cr
Core/LS	3 cr	Core/LS	3 cr
		Core/LS	3 cr
	14 cr		16 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
Track Requirement	3-4 cr	Track Requirement	3-4 cr
Core/LS or General Elective	3 cr	Core/LS or General Elective	3 cr
Core/LS or General Elective	3 cr	Core/LS	3 cr
	15-16 cr		15-16 cr

SENIOR YEAR

FALL		SPRING	
MATH 300/400-level Requirement	3 cr	MATH 477 Capping	3 cr
MATH 300/400-level Elective	3 cr	Track Elective or General Elective	3 cr
Track Requirement, Track Elective or Core/LS	3-4 cr	Core/LS or General Elective	3 cr
		General Elective	3 cr
Core/LS or General Elective	3 cr	General Elective	0-3 cr
Core/LS or General Elective	3 cr		
	15-16 cr		12-15 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	0-3 cr	(may be ful lled by major eld req.)

Five studio art courses at the 200 level or above 15 cr

30 cr

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.

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		

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

Required Course: 3 cr
- ART 220 History of Photography

Two [2] of the following courses: 6 cr
- ART 240 Intermediate Photography
- ART 314 Advanced Photography
- ART 320 Digital Photography I
- ART 425 Digital Photography II
- ART 313 View Camera Photography

Total Credit Requirement for a Minor in Photography 18 cr

REQUIREMENTS FOR A MINOR IN GRAPHIC DESIGN

Course Requirements (recommended sequence): 15 cr
- ART 101 Fundamentals of Art and Design I
- ART 231 Introduction to Digital Media
- ART 211 Digital Layout and Design
- ART 215 Typography and Design
- ART 315 Publication Design

Choose one [1] of the following courses: 3 cr
- ART 320 Digital Photography I
- ART 322 Multimedia Authoring
- ART 323 Design for the Web
- ART 320 Digital Illustration

Total Credit Requirement for a Minor in Graphic Design 18 cr

ATHLETIC TRAINING

MICHAEL E. POWERS, Ph.D., ATC; em3287 0

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN ATHLETIC TRAINING

1.0 Course Requirements in Athletic Training

ATHT 104 Introduction to Athletic Training	3 cr	
ATHT 205 Basic Concepts in Athletic Training + Lab	3 cr	
ATHT 304 Therapeutic Modalities + Lab	3 cr	
ATHT 305 Therapeutic Interventions	3 cr	
ATHT 306 Therapeutic Exercise + Lab	3 cr	
ATHT 307 Principles of Strength Training and Conditioning	3 cr	
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 131 General Chemistry I & .aFF0009>>>7uhEMC /Span <</MCtn56scBIOL 131 General Biology II y00( )]TJ EMC 4.5 0 Td [(A)110.8(THT 330		

RETENTION POLICY

Athletic Training Major

1. Maintain a minimum GPA of 2.5 (overall).
2.

students by fostering scienti c literacy and critical-thinking skills that enhance their scienti cally informed decisions. Faculty are committed to continual developme as teacher-scholars, and to being active in research involving Marist students, with the goal of disseminating their ndings to the scienti c community. We will enha student learning by improving and expanding our facilities and instrumentation. We will strengthen our integration with other School of Science programs, estab pedagogical and scholarly collaborations with colleagues within and outside of the College, and engage in service to the College and the greater community.

REQUIREMENTS FOR A MAJOR IN BIOLOGY

1.0 Course Requirements in Biology

BIOL 130 General Biology I	4 cr
BIOL 131 General Biology II	4 cr
BIOL 211 Plant Biology	4 cr
BIOL 320 Genetics	4 cr
BIOL 477 Biology Capping	3 cr

Credit Requirement in Biology 19 cr

Biology Elective Courses:

Select from 300-400 level courses in BIOL (at least two of which must have a lab) and not including internships, research, BIOL 320, 390, 391, and/or 392.
Taking both BIOL 201 and BIOL 202 (Human Anatomy and Physiology I and II) may substitute for one 300-400 level 4-credit BIOL course, but then BIOL 340 and/or BIOL 440 may not be taken for Biology or Related Fields Elective credit.

Students who take BIOL 340 and/or BIOL 440 may not take BIOL 201 and/or BIOL 202 for Biology or Related Fields Elective credit.

14 cr

Students matriculated at Marist and majoring in Biology are expected to take all BIOL courses at Marist. Exceptions will be considered under special circumstan as when students get abroad offerings pre-approved. Transfer students must complete a minimum of 12 credits in 300-400 level BIOL classes at Marist (not inclu internships or research).

2.0 Course Requirements in Related Fields

CHEM 131-132 General Chemistry I-II	8 cr
CHEM 211-212 and 215-216 Organic Chemistry I-II and Lab I-II OR CHEM 201-202 Intro. Organic Chemistry and Lab	4-8 cr
MATH 130 Introduction to Statistics I	3 cr
MATH 241 Calculus I	4 cr
CMPT 103 Technology for the 21st Century OR EDUC 150 Learning through Technology	3 cr

Credit Requirements in Related Fields 22-26 cr

Related Fields Electives: At least one course must have a lab.

Choose from:

Internships or Research (BIOL 480-483 or BIOL 494-498) up to 4-credit maximum
(note: internship or research does not count as the course w/lab)
Any non-required BIOL course that has BIOL 130 & 131 as a prerequisite
HLTH 202 First Aid/CPR
Any HLTH course that has BIOL 130 & 131 as a prerequisite
Any MEDT course
PHYS 211-212-221-213-214-222 General Physics I-III and Lab I-III
PHYS 201-202-213-214 College Physics I-II and Physics Lab I-II
CHEM 355 Analytical Chemistry
CHEM 420 Biochemistry I
CHEM 421 Biochemistry II
CHEM 423 Biochemistry I Lab
CHEM 424 Biochemistry II Lab
ENSC 101 Intro to Environmental Issues
ENSC 210 Intro to Geology
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

BIOLOGY EDUCATION

In partnership with the Department of Teacher Education in the School of Social & Behavioral Sciences, the Department of Biology has established a curriculum tha leads to provisional New York State certi cation in Adolescence Education with a specialization in Biology. This curriculum, approved by the New York State Education Department, includes courses in biology and the other natural sciences, as well as courses designed to prepare students for a secondary school teaching care supervised student teaching experience, arranged by Marist faculty, is included.

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

Marist College offers a state-approved program leading to initial teacher certi cation in Adolescence Education: Biology (Grades 7-12). Students seeking this certi cation are encouraged to consult with their academic advisor and the Coordinator of Adolescence Education in the Teacher Education Department. Because 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 th freshman year if possible. Education and related eld requirements for Adolescence Education certi cation can be found on page 102 of this catalog.

Program Requirements

Admission into EDUC 422 and EDUC 464 (Student Teaching) is based on the following:

- A BIOL (major eld) grade-point average of 2.7 or higher with no grade below a C (average calculated based only on BIOL courses that can be applied to the BIOL major). NOTE: transfer students must take 12 credits in upper-level BIOL classes at Marist
- An overall science GPA of 2.5 or higher with no grade below a C (BIOL major eld and related eld requirements- this includes the required CHEM and MATH courses along with the BIOL courses required for the major)
- A minimum overall GPA of 2.7
- Grades of C+ or higher in all required courses for the education certi cate (see Education Requirements)

Prior to admission to EDUC 422, the student must successfully complete at least 10 credits in upper-level BIOL courses (transfer students must successfully comple at least 8 credits in upper-level BIOL courses at Marist).

Prior to admission to EDUC 464, the student must successfully complete all BIOL courses required by the major (transfer students must successfully complete least 12 credits in upper-level BIOL courses at Marist).

Students interested in the Biology Education degree should contact Dr. Victoria Ingalls (845-575-3000 ext. 2541 or Victoria.Ingalls@Marist.edu).

REQUIREMENTS FOR A MAJOR IN 16ei

2.2 DISTRIBUTION

Breadth

PHIL 101 Philosophical Perspectives	3 cr	
Ethics, Applied Ethics, or Religious Studies (Bioethics is recommended)	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 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 cho 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 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.

** 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 th 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 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 studen 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 GP 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 be presented and discussed. Note that any student who does not demonstrate the fundamental knowledge, skills and dispositions necessary to assume the respon 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 131 Gen Chemistry I	4 cr
ENG 120 Writing for College	3 cr
PHIL 101 Philosophical Perspectives	3 cr
PSYC 101 Introduction to Psychology	3 cr
	14 cr

SPRING

BIOL 131 Gen Biology II	4 cr
CHEM 132 Gen Chemistry II	4 cr
FYS 101 First Year Seminar	4 cr
EDUC 101 Foundation of Education	3 cr
	15 cr

SOPHOMORE YEAR

FALL		SPRING	
BIOL 211 Plant Biology	4 cr	BIOL 320 Genetics	4 cr
MATH 241 Calculus	4 cr	MATH 130 Intro to Statistics	3 cr
PSYC 207 The Exceptional Child	3 cr	PSYC 318 Psychology of Adolescent	3 cr
EDUC 150 Learning Through Technology	3 cr	Core/LS Literature	3 cr
Core/LS Pathway Course #1	3 cr	Core/LS History	3 cr
	17 cr		16 cr

JUNIOR YEAR

FALL		SPRING	
BIOL 321 Evolution	3 cr	Biology Elective	3 cr
CHEM 201 Intro to Organic Chem	3 cr	Core/LS Pathway Course #2	3 cr
CHEM 202 Intro to Organic Chem Lab	1 cr	Core/LS Ethics/Applied Ethics (Bioethics Recommended)	3 cr
EDUC 354 Teach Language Arts	3 cr	Elementary Language II	3 cr
Elementary Language I*	3 cr	EDUC 355 Teach Language in Content	3 cr
Biology Elective	3 cr		
	16 cr		15 cr

SENIOR YEAR

FALL		SPRING	
BIOL 477 Biology Capping	3 cr	EDUC 464 Student Teaching	12 cr
EDUC 422 Methods of Teaching Science	3 cr	Core/LS Fine Arts	3 cr
EDUC 410 Part/Obs	1 cr		
Biology Elective (BIOL 360 is highly recommended)	4 cr		
Core/LS Pathway Course #3	3 cr		
Core/LS Pathway Course #4	3 cr		
	17 cr		15 cr

BIOMEDICAL SCIENCES

The Biomedical Sciences curriculum is an interdisciplinary science program that includes core courses in biology, chemistry, and physics. These courses provide a so foundation in each of these basic sciences and serve as general prerequisites for admission to most health professional schools. Elective and Core/LS courses will sa additional admission prerequisites to master's and doctoral programs in the health sciences. These schools include, but are not limited to, medical, dental, veterina physical therapy, optometry, chiropractic, physician assistant, pharmacy, nursing, public health, and genetic counseling.

In addition to providing students with grounding in the basic and biomedical sciences, this curriculum allows students whose goals and interests are not in clinica practice to pursue other avenues of opportunity. For example, it also will prepare students for graduate study (i.e., research-based M.S. and Ph.D. degrees) in a w range of elds in the life sciences, including cellular and developmental biology, molecular genetics and molecular biology, immunology, and other biomedical sciences. Also, many vocations are available to graduates who seek no additional formal education beyond the B.S. degree. These include careers in the pharmaceu biotechnology, and medical diagnostics industries; hospital and independent testing labs; academic biomedical research; and state/federal health or research labs.

Two features of the program – the Introduction to the Health Professions course and required internships in a clinical setting – provide focused information abou and direct experience with the health-care system. While most internships will be served locally at Mid-Hudson Regional Hospital, Vassar Brothers Medical Center, o other health-care providers, in many cases students may be able to arrange internships in their hometowns. The inclusion of Business courses as Biomedical Scien electives represents a distinct difference from any other program of this type, and provides students with the management background so strongly recommended by Pre-Med/Pre-Health Advisory Board. Students can tailor their coursework and complete any remaining requirements via judicious choice of Biomedical Sciences an free electives, with the help of a faculty advisor.

However, for medical and most other health professional schools, students can choose any major – including Athletic Training, Biochemistry, Biology, Chemistry Environmental Science, or Medical Technology – prior to professional school application. We note that Marist's Biomedical Sciences curriculum, as well as the Biology

Credit Requirement in Biomedical Sciences		66 cr	

1. Students who take BIOL 201 and/or BIOL 202 may not then take BIOL 340 and/or BIOL 440 for Biomedical Sciences or Related Fields Elective credits, and stude who take BIOL 340 and/or BIOL 440 may not take BIOL 201 and/or BIOL 202 for Biomedical Sciences credits or Related Fields Elective credits.

2. These elective credits must include two 4-credit BIOL courses drawn from the 300-400 level, both of which must have a laboratory component, not includi internships or research. The remaining 7 credits must be chosen from ACCT, ATHT, BUS, ENSC, MEDT, BIOL 211, 300-400-level BIOL courses, CHEM cours for which CHEM 131-132 are prerequisites, HLTH 202, HLTH courses for which BIOL 130-131 are prerequisites, PSYC 301-305 and MATH courses numbere above 130. Only 4 of these 7 credits may be Biology Research credits (BIOL 480-483). Required Biomedical Sciences courses cannot serve as Biomedical Sci Electives. The speci c combination of courses may contribute to a minor (such as in Business, which is strongly recommended by Marist's Pre-Med/Pre-Hea Professions Advisory Board), include categorical certi cation in one of the Medical Technology specialty areas, or serve to meet other educational needs of student.

3. Students matriculated at Marist and majoring in Biomedical Sciences are expected to take all BIOL courses at Marist. Exceptions will be considered under sp circumstances, as when students get abroad offerings pre-approved. Transfer students must complete a minimum of 12 credits in 300-400 level BIOL class Marist (not including internships or research).

2.0	Course Requirements in Related Fields			
	Mathematics and Computer Science			
	CMPT 103 Technology for the 21st Century	3 cr		
	MATH 130 Introduction to Statistics I	3 cr		
	MATH 241 Calculus I	4 cr		
Credit Requirements in Related Fields			10 cr	
Total Credit Requirement for a Major in Biomedical Sciences				76 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	3 cr		
			18 cr	
	Pathway*		12 cr	
	Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement				37 cr
4.0	Electives			7 cr

While these are meant to be completely "free" electives, they could be combined with other courses above to constitute a minor or other individualized plan of stu

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 – BIOMEDICAL SCIENCES

FRESHMAN YEAR

FALL		SPRING	
BIOL 130 Gen Biology I	4 cr	BIOL 131 Gen Biology II	
	___		___
	___		___
	___		___
	___		___

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

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 organiza

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 and one additional 300-400 level course in Accounting or Economics.

*** 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 take their Core/LS distribution courses during freshman and sophomore years. Instead, after Philosopical Perspectives, Writing for College and First Year Seminar, these students should take their major courses when abroad, 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

CHEMISTRY

ELISA WOOLRIDGE , Ph.D.,Chairperson

MISSION:
The mission of the Department of Chemistry, Biochemistry, & Physics is for students and faculty to acquire a better and more systematic understanding of the phy
world and to disseminate new discoveries to the greater scienti c community. Faculty expand the knowledge, skills, and values of all students, and help transition
learning styles from passive to active.

In support of this mission, a research-rich, challenging curriculum engages undergraduate chemistry and biochemistry majors amidst a supportive environ

CHEM 355 Analytical Chemistry
CHEM 361 Physical Chemistry: Thermodynamics & Kinetics
CHEM 362 Physical Chemistry: Quantum & Statistical Mechanics
CHEM 365 Experimental Physical Chemistry: Thermodynamics & Kinetics
CHEM 366 Experimental Physical Chemistry: Quantum & Statistical Mechanics
CHEM 376 Research Methods in Chemistry I
CHEM 475 Research Methods in Chemistry II
CHEM 476 Research Methods in Chemistry III
SCI 477 Science, Medicine and Ethics

Two or more additional courses selected from the following: 6 cr
CHEM 420 Biochemistry I
CHEM 421 Biochemistry II
CHEM 423 Biochemistry I Lab
CHEM 424 Biochemistry II Lab
CHEM 430 Advanced Inorganic Chemistry
CHEM 431 Advanced Inorganic Chemistry Lab
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 Lab I***	1 cr
PHYS 214 Physics Lab II	1 cr
CMPT 120* Introduction to Programming OR EDUC 150 OR	3-4 cr
CMPT 103 Technology for the 21st Century	

*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 22-23 cr

Total Credit Requirement for a Major in Chemistry 66-67 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	3 cr	
		18 cr

Pathway* 12 cr
Courses addressing an interdisciplinary topic.

Total Core/Liberal Studies Requirement 37 cr

4.0 Electives 16-17 cr

Recommended Course
MATH 321 Differential Equations

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.

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.

1.0 Course Requirements in Chemistry

Core Courses:	37 cr	
CHEM 131 General Chemistry I: Introduction to Inorganic Chemistry		
CHEM 132 General Chemistry II: Introduction to Physical Chemistry		
CHEM 211 Organic Chemistry I		
CHEM 212 Organic Chemistry II		
CHEM 215 Organic Chemistry I Lab		
CHEM 216 Organic Chemistry II Lab		
CHEM 355 Analytical Chemistry		
CHEM 361 Physical Chemistry: Thermodynamics & Kinetics		
CHEM 362 Physical Chemistry: Quantum & Statistical Mechanics		
CHEM 365 Experimental Physical Chemistry: Thermodynamics & Kinetics		
CHEM 376 Research Methods in Chemistry I		
CHEM 475 Research Methods in Chemistry II		
CHEM 476 Research Methods in Chemistry III		
SCI 477 Science, Medicine and Ethics		
Additional courses:	8 cr	
CHEM 420 Biochemistry I		
CHEM 421 Biochemistry II		
CHEM 423 Biochemistry Lab I		
CHEM 424 Biochemistry Lab II		
Students seeking ACS certi cation must also take:		
CHEM 430 & 431 Advanced Inorganic Chemistry and Lab		
Credit Requirement in Chemistry		45 cr

2.0 Course Requirements in Related Fields

BIOL 130 General Biology I	4 cr
BIOL 131 General Biology II	4 cr
BIOL 450 Biotechnology OR	
BIOL 493 Molecular Biology (requires BIOL 320 Genetics)	4 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 Lab I***	1 cr
PHYS 214 Physics Lab II	1 cr
CMPT 120* Introduction to Programming OR EDUC 150 OR	

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		6-7 cr
	Recommended Courses		
	BIOL 315 Immunology		
	BIOL 320 Genetics		
	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 in 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 elds may be used to ful ll distribution requirements. See the Core/LS Program website for a detailed list of all courses that satisfy distribution requirements.

REQUIREMENTS FOR A BACHELOR OF ARTS IN CHEMISTRY

Students interested in obtaining provisional New York State certi cation to teach Chemistry at the secondary level should follow this curriculum and contact Prof. Robert Balogh-Robinson, (845) 575-3000, ext. 2242 or Robert.Robinson@Marist.edu

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

1.0	Course Requirements in Chemistry		
	Core Courses:	35 cr	
	CHEM 131 General Chemistry I: Introduction to Inorganic Chemistry		
	CHEM 132 General Chemistry II: Introduction to Phy2i,//Spl ve95 090009>>> BDC 8 0 0 8 36 293.3y be used to ful es11 ODC 890 0 8 36 303.328		

PHYS 214 Physics Lab II	1 cr		
CMPT 120* Introduction to Programming OR EDUC 150 OR CMPT 103 Technology for the 21st Century	3-4 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		19-20 cr	
Total Credit Requirement for a B.A. Major in Chemistry			54-55 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	3 cr		
		18 cr	
Pathway*		12 cr	
Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement			37 cr
4.0 Electives			28-29 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 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 BIOCHEMISTRY

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

1.0 Course Requirements in Chemistry		
Core Courses:	35 cr	
CHEM 131 General Chemistry I		
CHEM 132 General Chemistry II		
CHEM 211 Organic Chemistry I		
CHEM 212 Organic Chemistry II		
CHEM 215 Organic Chemistry Lab I		
CHEM 216 Organic Chemistry Lab II		
CHEM 355 Analytical Chemistry		
CHEM 361 Physical Chemistry: Thermodynamics & Kinetics		
CHEM 365 Experimental Physical Chemistry: Thermodynamics & Kinetics		
CHEM 376 Research Methods in Chemistry I*		
CHEM 420 Biochemistry I		
CHEM 423 Biochemistry Lab I		
SCI 477 Science, Medicine and Ethics		
*A suitable internship may be substituted with Departmental approval.		
Credit Requirement in Chemistry		35 cr

2.0 Course Requirements in Related Fields

BIOL 130 General Biology I		4 cr
BIOL 131 General Biology II		4 cr
BIOL 450 Biotechnology		3-4 cr
OR BIOL 201 Human Anatomy and Physiology I		
OR BIOL 312 Microbiology		
OR BIOL 320 Genetics		
OR BIOL 315 Immunology		
OR BIOL 325 Histology		
OR BIOL 340 Comparative Anatomy		
OR BIOL 440 Vertebrate Physiology		
OR BIOL 435 Plant 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 Lab I***		1 cr
PHYS 214 Physics Lab II***		1 cr
CMPT 120* Introduction to Programming OR EDUC 150 OR		3-4 cr
CMPT 103 Technology for the 21st Century	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	30-32 cr
Total Credit Requirement for a B.A. Major in Biochemistry	65-67 cr

3.0

REQUIREMENTS FOR A MINOR IN CHEMISTRY

CHEM 131 General Chemistry I	4 cr
CHEM 132 General Chemistry II	4 cr
CHEM 211 Organic Chemistry I	3 cr
CHEM 212 Organic Chemistry II	3 cr
CHEM 215 Organic Chemistry I Lab	1 cr
CHEM 216 Organic Chemistry II Lab	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 376 Res Methods in Chemistry I* OR CHEM 310 Environmental Chemistry
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 131 General Chemistry I	4 cr	CHEM 132 General Chemistry II	4 cr
MATH 241 Calculus I	4 cr	MATH 210 Linear Algebra	3 cr
Core/LS 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 211 Organic Chemistry I	3 cr	CHEM 212 Organic Chemistry II	3 cr
CHEM 215 Organic Chemistry Lab I	1 cr	CHEM 216 Organic Chemistry Lab II	1 cr
MATH 242 Calculus II	4 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
Core/LS Pathway	3 cr	Elective	3 cr
	15 cr		14 cr

JUNIOR YEAR

FALL		SPRING	
CHEM 362 Quantum & Stat Mechanics	3 cr	CHEM 361 Thermodynamics & Kinetics	3 cr
CHEM 355 Analytical Chemistry	4 cr	CHEM 376 Research Methods in Chem I	4 cr
Core/LS Ethics	3 cr	CHEM 365 Expt Thermo & Kinetics	1 cr
Core/LS Literature or Fine Arts	3 cr	CHEM 366 Expt Quantum & Stat Mechanics	1 cr
Elective	3 cr	Core/LS Literature or Fine Arts	3 cr
		Elective	2 cr
	16 cr		14 cr

SENIOR YEAR

FALL		SPRING	
CHEM Elective	3 cr	CHEM 476 Research Methods in Chem III	1 cr
SCI 477 Science, Medicine & Ethics	3 cr	CHEM Elective	3 cr
CHEM 475 Research Methods in Chem II	2 cr	Core/LS History or Social Science	3 cr
Core/LS History or Social Science	3 cr	Technology skill intensive	3 cr

SOPHOMORE YEAR

FALL		SPRING	
CHEM 211 Organic Chemistry I	3 cr	CHEM 212 Organic Chemistry II	3 cr
CHEM 215 Organic Chemistry Lab I	1 cr	CHEM 216 Organic Chemistry Lab II	1 cr
PHYS 211 General Physics I	3 cr	PHYS 212 General Physics II	3 cr
PHYS 213 Physics Lab I	1 cr	PHYS 214 Physics Lab II	1 cr
Core/LS Philosophical Perspectives	3 cr	Core/LS Pathway	3 cr
Core/LS Pathway	3 cr	Core/LS Pathway	3 cr
	___	Elective	1 cr
	14 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
CHEM 420 Biochemistry I	3 cr	CHEM 421 Biochemistry II	3 cr
CHEM 423 Biochemistry Lab I	1 cr	CHEM 424 Biochemistry Lab II	1 cr
CHEM 355 Analytical Chemistry	4 cr	CHEM 376 Research Methods in Chem I	4 cr
Core/LS Pathway	3 cr	Core/LS Literature or Fine Arts	3 cr
Core/LS Ethics	3 cr	Core/LS Literature or Fine Arts	3 cr
Elective	2 cr		___
	16 cr		14 cr

SENIOR YEAR

FALL		SPRING	
CHEM 362 Quantum & Stat Mechanics	3 cr	CHEM 361 Thermodynamics & Kinetics	3 cr
SCI 477 Science, Medicine & Ethics	3 cr	CHEM 365 Expt Thermo & Kinetics	1 cr
CHEM 475 Research Methods in Chem II	2 cr	CHEM 476 Research Methods in Chem III	1 cr
Core/LS History or Social Science	3 cr	BIOL 450 Biotechnology	4 cr
Electives	4 cr	Core/LS History or Social Science	3 cr
	___	Technology skill intensive	3 cr
	15 cr		15 cr

4 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN BIOCHEMISTRY

FRESHMAN YEAR

FALL		SPRING	
CHEM 131 General Chemistry I	4 cr	CHEM 132 General Chemistry II	4 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		SPRING	
CHEM 211 Organic Chemistry I	3 cr	CHEM 212 Organic Chemistry II	3 cr
CHEM 215 Organic Chemistry I Lab	1 cr	CHEM 216 Organic Chemistry Lab II	1 cr
PHYS 211 General Physics I	3 cr	PHYS 212 General Physics II	3 cr
PHYS 213 Physics Lab I	1 cr	PHYS 214 Physics Lab II	1 cr
Core/LS Philosophical Perspectives	3 cr	Core/LS Pathway	3 cr
Core/LS Pathway	3 cr	Core/LS Pathway	3 cr
Elective	1 cr		
	15 cr		14 cr

JUNIOR YEAR

FALL		SPRING	
CHEM 420 Biochemistry I	3 cr	CHEM 361 Thermodynamics & Kinetics	3 cr
CHEM 423 Biochemistry I Lab	1 cr	CHEM 365 Expt Thermo & Kinetics	1 cr
Core/LS Pathway	3 cr	Core/LS Literature or Fine Arts	3 cr
Core/LS Ethics	3 cr	Core/LS Literature or Fine Arts	3 cr
Technology skill intensive	3 cr	Core/LS History or Social Science	3 cr
Elective	3 cr	Elective	1 cr
	16 cr		14 cr

SENIOR YEAR

FALL		SPRING	
CHEM 355 Analytical Chemistry	4 cr	CHEM 376 Research Methods in Chem I	4 cr
SCI 477 Science, Medicine & Ethics	3 cr	Biology Elective	4 cr
Core/LS History or Social Science	3 cr	Electives	6 cr
Electives	6 cr		
	16 cr		14 cr

COGNITIVE SCIENCE MINOR

ANDREI A. BUCKAREFF , Ph.D.,Co-Director
KRISTIN JAY , Ph.D,Co-Director

Cognitive Science is an interdisciplinary program that offers students the ability to study the nature of cognition and its importance in our lives. All students take f foundation courses (Introduction to Psychology, Philosophical Perspectives, Foundations of Cognitive Science, and Moral Cognition) and four distribution courses. distribution courses come from Anthropology, Biology, Computer Science, English, Mathematics, Philosophy, and Psychology. In ful lling the distribution requiremen students must take courses in at least three of those disciplines. Of the courses in the distribution requirement, no more than one course can be at the 100-level, two courses must be 300-level or above, and no more than two courses (which must be 300-level or above) can be from the student's major eld of study. Course for the minor must be completed with a C average.

The minor is appropriate for students interested in exploring different dimensions of cognition, including but not limited to the neurobiological underpinnings cognitive processes, the role of cognition in the productio of purposeful behavior and in making moral judgments, and cognition in non-human animals and compu The minor will also be useful in preparing interested students for graduate work in any of the various cognate disciplines that together comprise the eld of cogni science.

The minor requires a total of 24 credits distributed as follows:

A. Foundation

PHIL 101 Philosophical Prespectives	3 cr	
PSYC 101 Introduction to Psychology	3 cr	
COGS/PHIL/PSYC XXX Foundations of Cognitive Sciences	3 cr	
COGS/PHIL XXX Moral Cognition	3 cr	
		12 cr

B. Distribution 12 cr

Students must take four courses in at least three different disciplines. No more than one course can be at the 100-level. At least two courses must be at the 300-level or above. No more than two courses (which must be 300-level or above) from the student's major eld of study can be used to ful ll the distribution requirements. Courses must be chosen from:

ANTH 101 Introduction to Physical Anthropology

BIOL 232 Sex, Ek> BDC ( )Tj EMC 5.75 0 Td [. 10Td [nnn and Behavior w /GS1 gs qT /T1_1 1 Tf 0 Tc90 Tw /Span<</ActualTex0009>>> BDC 8 0 0 8

COM 101 Public Presentations	3 cr
COM 200 Communication Research: Strategies and Methods	3 cr

Communication Concentrations (18 credits)

Communication majors are required to select one of five concentrations that will focus their study of communication on: advertising, communication studies, journalism, public relations, or sports communication. These course requirements constitute a systematic study of the application of communication principles to a particular area of interest or specific profession. The courses which make up the communication concentration requirements provide a focus and depth of study for the communication student.

Advertising Concentration (18 cr)

- COM 110 Principles of Advertising
- MDIA 110 Introduction to Design
- COM 210 Writing for Advertising
- Select one of two specialties:

Advertising Creative Specialty

- COM 310 Broadcast Commercial
- COM 410 Advanced Copywriting
- Select one:310 Broadcast Commercial

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
HIST 355	Comparative Political Systems: Middle East
HIST 375	History of Race Relations in Latin America
INTD 209	Perspectives on the Humanities (adult students only)
POSC 213	Politics of Human Rights
POSC 321	Contemporary Political Theory
POSC 251	Comparative Political Systems I: Great Britain and Western Europe
POSC 252	Comparative Political Systems: CIS and Eastern Europe
POSC 271	Nationalism and Communism in China and Taiwan
POSC 113	International Relations
POSC 280	International Communication and Negotiation
POSC 285	The History and Political Culture of Ireland
POSC 325	Political Economy: East Asia
POSC 350	Latin American Politics
POSC 236	Politics of Developing Areas
POSC 355	Comparative Political Systems: Middle East
POSC 290	International Law and Organizations
REST 209	World Religions
REST 225	Global Liberation Theology
SOC 220	Sociology of Religion
SOCW 395	Social Work with Diverse Populations

Students are permitted to count a course as ful lling both a COM LC and a COM Cog requirement.

SUMMARY OF REQUIREMENTS FOR A BACHELOR OF ARTS IN COMMUNICATION

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

1.0	Course Requirements in Communication			
	Communication Foundation Courses	12 cr		
	Communication Concentration Courses	18 cr		
	Communication Electives	15 cr		
	Communication Capping Course	3 cr		
Credit Requirement in Communication			48 cr	
2.0	Course Requirements in Related Fields			
	Foreign Language and/or Culture courses	6 cr		
Credit Requirement in Related Fields			6 cr	
Total Credit Requirement for a Major in Communication				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	3 cr		
	Fine Arts	3 cr		
	History	3 cr		
	Literature	3 cr		
	Mathematics	3 cr		
	Natural Science	3 cr		
	Social Science	3 cr		
			24 cr	
	Pathway*		12 cr	
	Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement				43 cr
4.0	General Electives			23 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

General Communication Minor (18 cr)
COM 101 Public Presentations

JUNIOR YEAR
FALL

MATH 130 Introduction to Statistics	3 cr		
MATH 241 Calculus I	4 cr		
MATH 205 Discrete Mathematics	4 cr		
		14 cr	

Total Credit Requirement for a Major in Computer Science with a Concentration in Software Development 67–69 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: 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	3 cr	
		21 cr

Pathway* 12 cr

Courses addressing an interdisciplinary topic.

Total Core/Liberal Studies Requirement 40 cr

4.0 Electives (and/or Internship) 11-13 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 COMPUTER SCIENCE WITH A CONCENTRATION IN SOFTWARE DEVELOPMENT

FRESHMAN YEAR

FALL

CMPT 120 Introduction to Programming	4 cr
MATH 130 Introduction to Statistics	3 cr
BUS 100 Intro to Business and Management	3 cr
ENG 120 Writing for College	3 cr
PHIL 101 Philosophical Perspectives	3 cr
	16 cr

SPRING

CMPT 220 Software Development I	4 cr
CMPT 230 Software Systems and Analysis	4 cr
MATH 205 Discrete Math I	4 cr
FYS 101 First-Year Seminar	4 cr
	16 cr

SOPHOMORE YEAR

FALL

CMPT 306 Data Communications and Networks	4 cr
CMPT 221 Software Development II	4 cr
CMPT 308 Database Management	4 cr
Core/LS	3 cr
	15 cr

SPRING

MATH 241 Calculus I	4 cr
CMPT 307 Internetworking	4 cr
CMPT 330 System Design	4 cr
Core/LS	3 cr
	15 cr

JUNIOR YEAR

FALL

CMPT 422 Computer Org. & Architecture	4 cr
Concentration elective	4 cr
CMPT 305 Technology, Ethics, and Society	3 cr
Core/LS	4 cr
	15 cr

SPRING

CMPT 435 Algorithm Analysis and Design	4 cr
Concentration elective	3 cr
Core/general elective	8 cr
	15 cr

SENIOR YEAR

FALL		SPRING	
CMPT 475 CS Project I	3 cr	CMPT 476 CS Project II	1 cr
Core/LS	6 cr	Concentration elective	4 cr
Elective/Internship	6 cr	Core/LS	3 cr
		Elective/Internship	5 cr
	15 cr		13 cr

REQUIREMENTS FOR A DEGREE IN COMPUTER SCIENCE WITH A CONCENTRATION IN GAME DESIGN AND PROGRAMMING

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

1.0	Course requirements in Computer Science			
	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 330 System Design	4 cr		
	CMPT 422 Computer Organization and Architecture	4 cr		
	CMPT 435 Algorithm Analysis and Design	3 cr		
	Concentration courses	11–12 cr		
	CMPT 475 CS Project I	3 cr		
	CMPT 476 CS Project II	1 cr		
			54–55 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 241 Calculus I	4 cr		
	MATH 205 Discrete Mathematics	4 cr		
	PHYS 211 General Physics I	3 cr		
			17 cr	
Total Credit Requirement for a Major in Computer Science with a Concentration in Game Design and Programming				71–72 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			

* 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 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 4fers a .9(e)]T-0.003xt<FEFF000904 E102.5264]TJ T Th	

Five-Year Program

The Five-Year program allows undergraduates to earn a B.S. and a M.S. degree in ve years. In the current program, students apply in second semester junior ye if accepted, begin the ve-year program in the rst semester of what would have been their senior year. Students in the current program earn 143 credits.

The Five-Year program in the revised MSCS/SD program is modeled on the current program. The differences are only in the courses the students take an number of credits in the revised program, which are 144 credits.

The table below gives the full ve-year program, starting with freshman year. Starting in the fall of the senior year students take Software Design & Dev inste of CS Project I.

In the spring of senior year, students take Database Mgt Sys and Track course 1 instead of CS Project II and the undergraduate Elective/Internship.

In the fall of the fth-year, students take Security Protocols, Networks, and Track course 2.

In the spring of the fth year, students take Project and two graduate electives.

These details are in the table below. Note indicates the replacement graduate course for the undergraduate course and credits.

REQUIREMENTS FOR FIVE-YEAR B.S./M.S. PROGRAM IN COMPUTER SCIENCE

IMPORTANT NOTE: The requirements below apply to students entering the program during the 2013-2014 and 2014-2015 academic years. Updated requirement students entering the program after that time will be re ected in future catalogs.

1.0	Undergraduate Course Requirements in Computer Science			
	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 307 Internetworking	4 cr		
	CMPT 308 Database Management	4 cr		
	CMPT 330 System Design	4 cr		
	CMPT 422 Computer Organization and Architecture	4 cr		
	CMPT 435 Algorithm Analysis and Design	3 cr		
	Concentration electives	15 cr		
			54 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 241 Calculus I	4 cr		
	MATH 250 Discrete Mathematics	4 cr		
			14 cr	

Total Credit Requirement for a Major in Computer Science with a Concentration in Software Development 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 P 101 P15 Tm ( )Tj EMC 3 0 Td (Breadth)q50090009>>> BDC 8 0 0 8 45 4Actual 2yCore/Liberal SF00090009>>> BDC 8 0			

FIFTH YEAR

FALL		SPRING	
MSCS 630 Security Protocols	4 cr	MSCS 710 Project	4 cr
MSCS Grad Elective	4 cr	MSCS Grad Elective	4 cr
Track 2 course	4 cr	MSCS Grad Elective	4 cr
	12 cr		12 cr

CRIMINAL JUSTICE

JOHN F. DOHERTY , Ph.D.,Department Chair

MISSION:
The major in Criminal Justice combines a broad Core/Liberal Arts curriculum with the theory, practice, and experience speci c to criminal justice. All courses focus the study of crime from a variety of perspectives: cause of crime, societal reaction, judicial processing and treatment of offenders, as well as the philosophy and pra of social control and administration of criminal behavior. Emphasis is also placed on critical thinking and problem solving.

The curriculum culminates with two senior seminar courses, which brings together all facets of the Marist College undergraduate experience and the lessons le in the major. A mandatory six-credit internship enables the Criminal Justice major to experience practical criminal justice from a variety of criminal justice and alli agencies. Internship placements include the range of federal, state, and local agencies.

Experiencing criminal justice in both the classroom and professional world enables students to make informed career choices. Major curriculum completi coupled with all Core/Liberal Arts requirements, leads to the Bachelor of Science degree in Criminal Justice. A minor in Criminal Justice is also available.

It is possible for students who plan carefully early in their college careers to double major in Criminal Justice and Psychology. To pursue this option, students sh contact the Chair of Criminal Justice or Psychology.

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN CRIMINAL JUSTICE

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

1.0 Course Requirements in Criminal Justice

CRJU 101 Introduction to Criminal Justice		
CRJU 202 Criminology		
CRJU 221/POSC 221 Law and Society*		
CRJU 230 Policing in America		
CRJU 235 Corrections		
CRJU 250 Introduction to U.S. Courts		
CRJU 301 Criminal Justice Organization and Administration		
CRJU 303 Criminal Law		
CRJU 304 Criminal Procedure		
CRJU 305 Juvenile Justice System		
CRJU 370 Theories of Punishment		
CRJU 374 Criminal Justice Research Methods		
CRJU 440 Cross Cultural Criminal Justice Systems		
CRJU 477 Senior Seminar: Capping Course		
CRJU 496 Criminal Justice Internship I		
CRJU 497 Criminal Justice Internship II		
	48 cr	

1.1 Two additional Criminal Justice courses from:

CRJU 206 Criminal and Scienti c Investigation		
CRJU 223 Juvenile Deliquency		
CRJU 242 Drug and Alcohol Use and Abuse		
CRJU 314 Race and Crime		
CRJU 340 The Federal Criminal Justice System		
CRJU 348/PSYC 348 Psychological Perspectives on Criminal Behavior		
CRJU 350 Organized Crime		
CRJU 375 Program Planning and Evaluation		
CRJU 377 Terrorism	6 cr	

1.2 Recommended

CRJU 105 Criminal Justice Information Literacy	1 cr	
Credit Requirement in Criminal Justice		54-55 cr

2.0 Course Requirements in Related Fields

MATH 130 Introductory Statistics I**	3 cr	
POSC 110 American National Government*	3 cr	

SENIOR YEAR

FALL		SPRING	
CRJU 440 Cross Cultural	3 cr	CRJU 477 Capping	3 cr
CRJU 496 Internship	3 cr	CRJU 497 Internship	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

REQUIREMENTS FOR A MINOR IN CRIMINAL JUSTICE

1.0 CRJU 101 Introduction to Criminal Justice
CRJU 202 Criminology
CRJU 304 Criminal Procedure II: Constitutional Law
CRJU 370 Theories of Punishment

And one of the following:
CRJU 305 Juvenile Justice System
CRJU 230 Policing in America
CRJU 235 Corrections
CRJU 250 Introduction to U.S. Courts

Total Credit Requirement for a Minor in Criminal Justice 15 cr

SEE THE RECOMMENDED PROGRAM SEQUENCE FOR DUAL MAJOR IN CRIMINAL JUSTICE/PSYCHOLOGY PRESENTED WITH THE PSYCHOLOGY MAJOR.

ECONOMICS

DELLA LEE SUE , 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	
Total Credit Requirement for a Major in Economics				39-40 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			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			
ECON 303 Intermediate Microeconomic Theory	3 cr		

ECON 301EFF00090009(0893 Tm (3-4 cr)Tj ET EMC /Span <</MCID 3976 >>BDC BT /T1_2 1 Tf 8 0 0 8 36 122.4077 Tm ( )anagement)55.1(Applicat

SOC 336 Social Inequality	3 cr	
Foreign Language**	3-6 cr	
Other Field Requirements		
MATH 130 Introductory Statistics I	3 cr	
HIST 218 History and Culture of the Mid-Hudson Valley OR		
HIST 220 New York: The Empire State		
(Certi cation Requirement)	3 cr	

*With the exception of EDUC 091 and EDUC 462 (P/F grades), MATH 130 and HIST 218 or HIST 220, a grade of C+ or better is required in all courses.

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

Credit Requirement in Certi cation Sequence	54-57 cr	
Total Credit Requirement for a Major in Psychology with Dual Education Certi cation		84-87 cr

3.0 Core/Liberal Studies requirements

(NOTE: Students with AP courses are encouraged to take additional electives toward a minor or to deepen their knowledge of the content areas they will teach.)

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	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
		EDUC 091 Fieldwork In Ed	0 cr
	16 cr		15 cr

ADMISSION TO THE PROGRAM

Those who declare their intention to seek teaching certi cation in their academic major are assigned an education advisor as well as a major- eld faculty advisor. Du freshman and sophomore years, candidates meet with both advisors to design their program of study and to ensure that they will meet the requirements for adm to the secondary program in their junior year. Admission is based on the following minimum guidelines:

- A major- eld grade-point average established by the content area department
- A minimum overall grade-point average of 2.7
- Grades of C+ or higher in all required courses in the teacher certi cation sequence
- Two letters of recommendation from college faculty*
- Interview by members of the Adolescence Education Council as deemed necessary

* One letter must be from a major- eld faculty member. Transfer candidates must submit one recommendation from a faculty member at the college previously atten

PROGRAM REQUIREMENTS

Candidates who fail to maintain a 2.7 or higher GPA, or do not demonstrate the disposition necessary to assume the responsibilities of a classroom teacher, are s to dismissal from the program after review by the Education Department.

NEW YORK STATE CERTIFICATION

Candidates who satisfactorily complete the bachelor's degree in the major and all education program requirements, including the achievement of qualifying score required New York State assessment, will be recommended for New York State Initial Certi cation in their subject area, grades 7-12.

Required Courses in the Certi cation Sequence*

PSYC 101 Introduction to Psychology (prerequisite for upper-level psychology courses)	3 cr
PSYC 207 Exceptional Child	3 cr
PSYC 318 Psychology of the Adolescent	3 cr
EDUC 101 Foundations of Education	3 cr
EDUC 150 Learning Through Technology	3 cr
EDUC 354 Teaching of the Language Arts	3 cr
EDUC 355 Teaching Language Arts in the Content Areas	3 cr
EDUC 410 Participation/Observation in Secondary Schools (taken concurrently with Content Methods)	1 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 40-43 cr

RECOMMENDED PROGRAM SEQUENCE FOR CERTIFICATION REQUIREMENTS IN ADOLESCENCE EDUCATION (GRADES 7–12)

New York State Teaching Certi cation

Candidates who satisfactorily complete the bachelor's degree in the major and all education program requirements, including the achievement of qualifying score the New York State assessments, will be recommended for New York State Initial Certi cation in their subject area, grades 7-12.

FRESHMAN YEAR

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	Psyc 10l Introduction to Psychology	3 cr
ENG 120 Writing for College	3 cr		
EDUC 101 Foundation of Education	3 cr		
PHIL 101 Philosophical Perspectives	3 cr		
Core/LS	3 cr		

SOPHOMORE YEAR

FALL		SPRING	
PSYC 207 Exceptional Child	3 cr	PSYC 318 Psychology of the Adolescent	3 cr

OPTION I – Fall Student Teaching in Senior Year and NOT going Abroad

JUNIOR YEAR

FALL		SPRING	
EDUC 354 Teaching of Lang Arts Adol	3 cr	EDUC 355 Teaching Reading & Writing	3 cr
		EDUC 410 Part/Obs Secondary Schools	1 cr
		EDUC 420-428N Meth. Teach in Sec. Schools	3 cr

SENIOR YEAR

FALL		SPRING	
EDUC 464 Stu Teach Secondary Schools	12 cr		

OPTION II – Fall Student Teaching in Senior Year and Going Abroad

JUNIOR YEAR

FALL		SPRING	
Abroad	12-15 cr	EDUC 354 Teaching the Lang Arts	3 cr

SENIOR YEAR

FALL		SPRING	
EDUC 355 Teach Lang Arts Content Area	3 cr	EDUC 462 Stu Teach Secondary Schools	12 cr
EDUC 420-428 Methods of Teach Content Area in Secondary Schools	3 cr		
EDUC 410 Part/Obs Secondary Schools	1 cr		

5 YEAR B.A. PSYCHOLOGY/M.A. EDUCATIONAL PSYCHOLOGY PROGRAM

This program is an extension of the Marist undergraduate Dual Certi cate Program in Childhood grades 1-6/Students with Disabil8har

in Writing Program events, regardless of major. Student organizations like the Literary Arts Society and Sigma Tau Delta (English Honors Society) are active planning many of these annual events, and always welcome new members.

CONCENTRATION IN LITERATURE

The literature concentration provides students with a sense of the historical development of the Western literary tradition, especially that of English and Ameri Literature. Students also examine how that tradition is continually re-formed and reshaped as writers from previously excluded cultural traditions and once-marginal groups are added to the canon. Students in the concentration develop the analytical skills and the critical language to describe, analyze, and evaluate literary tex

Internships within the English department offer students the opportunity to gain experience in research and teaching, while internships in the private and pu sectors present students with the opportunity to gain work experience that utilizes the analytical, interpretive, and writing skills that the concentration fosters.

CONCENTRATION IN WRITING

The writing concentration develops the student's skills in a number of different forms: literary writing, technical and professional communication, print, and writin on-line. Students also have the opportunity to ful ll requirements for the concentration by taking writing courses offered by other divisions of the College (e.g., Writi for Radio and TV and a variety of Journalism courses).

Internships with business, media, and civic organizations offer students in the writing concentration the opportunity to gain work experience that utilizes the writ and analytical skills that the concentration develops.

CONCENTRATION IN THEATRE

The concentration in theatre offers the student the opportunity to study theatre as the written and spoken work combined with movement in the art of performanc

The play is studied for its literary qualities and as a blueprint for production. New, exciting approaches to interrogating the text and describing the complexity of sign-system come from changes in the nature and function of literary criticism. While some courses include scene studies, others may be tied to on-campus produc

Internships in the broad arena of theatre-related activities are possible and require signi cant dedication to skill development related to the speci c focus of individual internship.

HONORS IN ENGLISH

Up to 10% of graduating seniors in English will be awarded honors in the major on the basis of demonstrated excellence and achievement. Departmental faculty select recipients each spring from among seniors meeting the following criteria:

(a) a minimum of 60 credits earned at Marist College; a minimum of 27 credits earned in English at Marist College;
(b) a minimum cumulative G.P.A. of 3.25 overall;
(c) a minimum G.P.A. of 3.5 in English courses;
(d) distinguished achievement in a senior Capping Course project, which may take as its focus (1) research, (2) analysis, or (3) creative expression.

REQUIREMENTS FOR A BACHELOR OF ARTS IN ENGLISH

Concentration in Literature

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

2.0	Course Requirements 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

REQUIREMENTS FOR A MINOR IN ENGLISH

1.0 Foundation Courses — 6 cr
- ENG 180 Introduction to Literary Study
- ENG 270 Classics of Western Literature

2.0 Any four 300-400 level literature courses — 12 cr
(not to include writing workshops or theatre arts courses)

Total Credit Requirement for a Minor In English Literature — 18 cr

REQUIREMENTS FOR A MINOR IN THEATRE

1.0 Foundation Course — 3 cr
- ENG 150 Introduction to Theatre

2.0 Required Course — 3 cr
- ENG 325 Shakespeare

Any two of the following sequences: — 12 cr

3.0 Performance Sequence
Two of the following:
- ENG 227 Acting I
- ENG 241 Acting II
- ENG 349 Acting III (NOTE: This course can also count as part of the Production sequence.)
- Appropriate Special-Topics course

4.0 Production Sequence
Two of the following:
- ENG 229 Theatre Practicum (one credit, may be taken up to three times for a total of three credits)
- ENG 310 Workshop in Playwriting
- ENG 349 Acting III
- ENG 350 Directing
- ENG 451 Theatre Workshop
- Appropriate Special-Topics course

5.0 Dramatic Literature Sequence
Two 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 Modern Theatre
- ENG 363 Modern Drama
- Appropriate Special-Topics course

Total Credit Requirement for a Minor in Theatre — 18 cr

REQUIREMENTS FOR A MINOR IN WRITING

1.0 Foundation Courses — 9 cr
- ENG 185 Writing as a Discipline
- ENG 218 Grammar, Style, and Editing
- ENG 230 Workshop in Editing and Revision

2.0 Upper-Level Writing Requirements — 9 cr
- Three 300-level writing courses
  (May include Independent Writing Project or Internship)

Total Credit Requirement for a Minor in Writing — 18 cr

REQUIREMENTS FOR A MINOR IN CREATIVE WRITING

1.0 Foundation Course
- ENG 280 Introduction to Creative Writing — 3 cr

2.0 Required Course
- ENG 218 Grammar, Style and Editing — 3 cr

	ENG 380 Non ction Workshop	
	ENG 382 Fiction Workshop	
	ENG 392 Special Topics (in Writing)	
	ENG 490 Independent Writing Project	12 cr
4.0	Any one (1) Forms (ENG 318) class in Playwriting, Poetry, Fiction or Non ction	1 cr
Total Credit Requirement for a Minor in Creative Writing		19 cr

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

FRESHMAN YEAR

FALL		SPRING	
FYS 101 First Year Seminar	4 cr	Core/LS	3 cr
PHIL 101 Philosophical Perspectives	3 cr	Core/LS	3 cr
ENG 120 Writing for College	3 cr	Elective or minor	3 cr
English Foundation Course	3 cr	English Foundation Course	3 cr
English Foundation Course	3 cr	English Foundation Course	3 cr
	16 cr		15 cr

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	3 cr	Upper Level	3 cr
Elective or minor	3 cr	Upper Level	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	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
Elective or minor	3 cr	Elective or minor	2 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 Dramatic Literature	3 cr	Upper Level Dramatic Literature	3 cr
Theatre Arts Course	3 cr	Theatre Arts Course	3 cr
	___		___
	___		___
	___		___
	___		___
	___		___
	___		___

we educate for fundamental understanding of the structure and function of natural, economic, and political systems as they relate to the environment. Students come appreciate the details, complexity, and interrelatedness of systems and problems. We also examine the effects of society's activities upon environmental resources their relevance to human well-being.

Given the College's location, the Department seeks to integrate the ecological features and environmental affairs of the Hudson River Valley, as well as its rich histo and culture, into its instructional, scholarly, service, and outreach activities. Moreover, the Department is committed to promoting and contributing to environmentally sustainable practices on campus and beyond. The Department is also committed to the continued professional growth of its faculty, through teaching re nemen scholarly activities, and service to various communities.

PROGRAM DESCRIPTION:

The program provides a strong foundation while also having much exibility. Two concentrations – Science and Policy – allow for different emphasis. Within each concentration students may choose from a wide range of courses to meet their interests, goals, and requirements. Three environmental minors are also available.

Environmental Science & Policy overlaps with several of the natural and social sciences. Environmental considerations are essential in understanding the biolog behavior, and health of humans and other animals. Our curriculum is bene cial for students interested in zoology, botany, social sciences, liberal arts, busines and international affairs. Students with interests in these and other elds can apply their concern and interest for the environment in either the Science or Polic

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	g2T /T1_1 1 Tf /Span<</ActualText<FEFF000900090009>

RECOMMENDED PROGRAM SEQUENCE FOR ENVIRONMENTAL SCIENCE & POLICY, SCIENCE CONCENTRATION

FRESHMAN YEAR

FALL		SPRING	
FYS 101 Freshman Year Seminar	4 cr	PHIL 101 Philosophical Perspectives	3 cr
BIOL 130 General Biology I	4 cr	BIOL 131 General Biology II	4 cr
ENSC 101 Environmental Issues	3 cr	ENSC 202 Env Politics & Policy	3 cr
POSC 110 American National Government	3 cr	Core/LS	3 cr
		ENG 120 Writing for College	3 cr
	14 cr		16 cr

SOPHOMORE YEAR

FALL		SPRING	
BIOL 211 Plant Biology	4 cr	CHEM 131 General Chemistry II	4 cr
ENSC 230 Introduction to GIS	3 cr	ENSC 210 Intro to Geology	3 cr
CHEM 131 General Chemistry I	4 cr	ENSC 212 Intro to Geology Lab	1 cr
MATH 130 Intro to Statistics	3 cr	MATH (Stats II or Calc)	3 cr
Elective	1 cr	Core	3 cr
		Elective	1 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
CHEM 201 Intro to Organic Chemistry	3 cr	ENSC 380 Prin of Env Assessment	3 cr
CHEM 202 Intro to Organic Chem Lab	1 cr	ENSC 415 Env Sci & Policy Seminar	1 cr
ENSC 360 Ecology: Princ & Pract	4 cr	Core/LS	6 cr
CMPT 103 Tech. for the 21st Century	3 cr	Major Elective	3 cr
Core/LS	3 cr	Elective	3 cr
	14 cr		16 cr

SENIOR YEAR

FALL		SPRING	
ENSC 441 Internship/research	3 cr	ENSC 440 Internship/research	3 cr
Major Elective	3 cr	ENSC 477 Env Sci & Human Values	3 cr
Core/LS	6 cr	Major Elective	6 cr
Elective	3 cr	Core/LS	3 cr
	15 cr		15 cr

RECOMMENDED PROGRAM SEQUENCE FOR ENVIRONMENTAL SCIENCE & POLICY, POLICY CONCENTRATION

FRESHMAN YEAR

FALL		SPRING	
FYS 101 Freshman Year Seminar	4 cr	PHIL 101 Philosophical Perspectives	3 cr
BIOL 130 General Biology I	4 cr	BIOL 131 General Biology II	4 cr
ENSC 101 Environmental Issues	3 cr	ENSC 202 Env Politics & Policy	3 cr
POSC 110 American National Government	3 cr	Core/LS	3 cr
		ENG 120 Writing for College	3 cr
	14 cr		16 cr

SOPHOMORE YEAR

FALL		SPRING	
ECON 103 Microeconomics	3 cr	MATH (Stats II or Calc)	3 cr
ENSC 230 Introduction to GIS	3 cr	Chem 101 Intro to Chemistry	3 cr
POSC 240 Intro to Public Policy	3 cr	Chem 102 Intro to Chemistry Lab	1 cr
MATH 130 Intro to Statistics I	3 cr	Elective	3 cr
Core/LS	3 cr	Core/LS	6 cr
	15 cr		16 cr

JUNIOR YEAR

FALL		SPRING	
ENSC 360 Ecology: Prin & Practice	4 cr	ENSC 380 Prin of Env Assessment	3 cr
ECON 305 Environmental Economics	3 cr	ENSC 420 Environmental Planning	3 cr
CMPT 103 Tech. for the 21st Century	3 cr	ENSC 415 Env Sci & Policy Seminar	1 cr
Elective	3 cr	Core/LS	3 cr
Core/LS	3 cr	Major Elective	3 cr
	16 cr		13 cr

SENIOR YEAR

FALL		SPRING	
ENSC 441 Internship/research	3 cr	ENSC 425 Environmental Law	3 cr
Core/LS	6 cr	ENSC 477 Env Sci & Human Values	3 cr
Major Elective	3 cr	Major Elective	
	___		___

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		
	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			18 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 FINE ARTS IN FASHION DESIGN

FRESHMAN YEAR

FALL		SPRING	
FASH 100 Fashion in Culture & Commerce	3 cr	FASH 200 Textiles: Studies & Appl	3 cr
FASH 126 Creative Process	3 cr	FASH 210 Design Studio Techniques	3 cr
FYS 101 First Year Seminar	4 cr	ART 281 History of Costume	3 cr
ENG 120 Writing for College	3 cr	Core Distribution	3 cr
Core Distribution	3 cr	PHIL 101 Philosophical Perspectives	3 cr
		FASH 130 Fashion Figure Drawing	1 cr
	16 cr		16 cr

SOPHOMORE YEAR

FALL		SPRING	
FASH 140 Fash Design I: Draw & Color	3 cr	FASH 240 Fashion Design II: Presentation I	3 cr
FASH 230 Apparel Development I	3 cr	FASH 231 Apparel Development II	3 cr
FASH245 Digital Fashion Design	3 cr	FASH 268 Digital Fashion Design II	3 cr
FASH 235 Fashion Trend Forecasting & Analysis	3 cr	FASH 300 Product Development	3 cr
Elective	3 cr	FASH 381 History of Modern Fashion	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
Core Distribution	3 cr	FASH 310 Apparel Development III	3 cr
Core Distribution	3 cr	FASH 345 Fashion Design III: Design Workshop	3 cr
Elective (Textile Design)	3 cr	Core Distribution	3 cr
Elective	3 cr	Core Distribution	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	

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	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
	15 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 400 Employment Seminar	1 cr	BUS 340 Marketing Principles	3 cr
FASH 455 Global Merchandising Strategies	3 cr	Core Distribution (if needed)	3 cr
Core Distribution (if needed)	3 cr	Electives	3 cr
Elective	3 cr	Electives	3 cr
Elective	3 cr		
	16 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.

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

1.0 Course Requirements in Fashion Merchandising with 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

SENIOR YEAR

FALL		SPRING	
FASH 305 Sustainability	3 cr	FASH 455 Global Merchandising Strategies	3 cr
FASH 381 History of Modern Fashion	3 cr	FASH 477 Fashion Capping	3 cr
FASH 415 Web PDM	3 cr	FASH 400 Employment Seminar	1 cr
Core Distribution (if needed)	3 cr	Core Distribution (if needed)	3 cr
Elective	3 cr	Electives	3 cr
		Electives	3 cr
	15 cr		16 cr

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN FASHION MERCHANDISING WITH A FASHION PROMOTION 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 Fashion Promotion Concentration

FASH 100 Fashion in Culture & Commerce	3 cr
FASH 200 Textiles	3 cr
FASH 245 Digital Fashion Design I	3 cr
FASH 265 Retailing Principles & Practices	3 cr
FASH 235 Fashion Trend Forecasting & Analysis	3 cr
FASH 300 Product Development	3 cr
FASH 341 Branding & Licensing	3 cr
FASH 381 History of Modern Fashion	3 cr
FASH 400 Employment Seminar	1 cr
FASH 455 Global Merchandising Strategies	3 cr
FASH 477 Fashion Merchandising Capstone	3 cr
Student will choose 3 courses from the following (3 crs each):	9 cr
FASH 261 Event Planning	
FASH 269 Visual Merchandising	
FASH 266 Writing for Fashion	
FASH 295 Fashion Show Production	
FASH 306 Sustainability in Fashion	
FASH 367 Fashionology: Retail Entrepreneurship	
FASH 366 Advanced Fashion Show Production	

Credit Requirement in Fashion Merchandising With a Fashion Promotion Concentration 40 cr

2.0 Course Requirement in Related Fields

ART 281 History of Costume	3 cr
COM 102 Introduction to Communication	3 cr
COM 103 Digital Toolbox	3 cr
COM 211 Fundamentals of PR Theory & Practice	3 cr
COM 220 Intro to Strategic Advertising	3 cr
Students will choose 2 courses from the following: (3 crs each):	6 cr
COM 333 Applied Research Analytics	
COM Special Topics	
COM 348 Integrated Strategies, Tactics and Shareholders	

Credit Requirement in Related Fields 21 cr

Total Credit Requirement for a Major in Fashion Merchandising With a Fashion Promotion Concentration 61 cr

3.1 FOUNDATION

First Year Seminar	4 cr
Writing for College	3 cr

3.2

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		19 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 FASHION PROMOTION 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 103 Digital Toolbox	3 cr
ENG 120 College Writing	3 cr	Core Distribution	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 245 Digital Fashion Design	3 cr	FASH 281 Trend	3 cr
FASH 265 Retailing Principles & Practices	3 cr	COM 220 Intro to Strategic Advertising	3 cr
COM 211 Fundamentals of PR	3 cr	Core Distribution	3 cr
Core Distribution	3 cr	Core Distribution	3 cr
Core Distribution	3 cr	Elective	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
FASH 300 Product Development	3 cr	FASH 341 Branding & Licensing	3 cr
ART 281 History of Costume	3 cr	FASH 381 History of Modern Fashion	3 cr
Fashion Menu choice 1	3 cr	COM 333 Applied Research Analytics	3 cr
Elective	4 cr	Core Distribution	3 cr
	13 cr	Elective	3 cr
			15 cr

SENIOR YEAR

FALL		SPRING	
FASH 455 Global Merchandising Strategies	3 cr	Fashion Menu Choice 3	3 cr
Fashion Menu Choice 2	3 cr	FASH 477 Fashion Capping	3 cr
FASH 400 Employment Semt38Tp 0 Td (3 cr)Tj /Span<</ActualText<FEFF00090009>>> BDC ( )Tja/T1_1 1 Tf /Span<>BD( )Q 2n <</MCID 5769 >>BDC BT			

An approved “international experience.” In this component of the minor, students must take part in an experiential project which is international in scope and will

with a humanitarian organization; study abroad during a leave of absence; or uency in a culture other than North-American from extended living abroad. Participation in the experience must be certi ed by appropriate documentation.

Regular Offerings Acceptable for the Global Studies Minor

Anthropology
ANTH 102 Introduction to Cultural Anthropology
ANTH 232 Religion and Culture

Art
ART 255 Pre-Columbian Art
ART 256 Chinese Art

Business
BUS 202 Global Business and Society
BUS 430 International Trade Management (prerequisite: BUS 100 or ACCT 204)
BUS 442 International Marketing (prerequisite: BUS 340)

Computer Technology
CMPT 305 Technology, Ethics and Society

Communication
COM 325 Intercultural Communication
COM 400 Gender, Culture and Communication
COM 488 Comparative Communication Systems

Criminal Justice
CRJU 350 Organized Crime
CRJU 377 Politics of Crime and Terrorism (prerequisite: CRJU 101 or POSC 101)
CRJU 440 Senior Seminar I: Cross Cultural Criminal Justice (prerequisites: CRJU 202 and 370)

Economics
ECON 150 Economics of Social Issues
ECON 305 Environmental Economics (prerequisite: ECON 103)
ECON 340 Economic Development: Towards Global Equality (prerequisite: ECON 103, 104, or 150)
ECON 432 International Financial Policies and Issues (prerequisites: ECON 103 and 104)
ECON 442 International Economics (prerequisites: ECON 103 and 104)

Environmental Science
ENSC 101 Introduction to Environmental Issues
ENSC 202 Environmental Politics and Policy

English
ENG 201 Introduction to Linguistics
ENG 302 Structure of English/World Englishes
ENG 353 Ethnic American Literature
ENG 370 Modern Jewish Literature
ENG 373 Literature of the Holocaust

Fashion Merchandising
FASH 455 International Retailing (prerequisite: FASH 265)

Foreign Language and Culture
All foreign language, culture, and civilization courses, including foreign literature in translation courses.

History
HIST 206 Afghanistan and its Wars
HIST 242 Introduction to the African Diaspora
HIST 252 Modern Europe
HIST 255 Catholic Church in Modern Times
HIST 262 History of Russia: The Russian Revolution
HIST 263 Eastern Europe and Russia from 1928 to the Present
HIST 267 Women in Asia
HIST 269 Modern Asia
HIST 271 Modern China
HIST 274 Modern Latin America

	Pathway*	12 cr
	Courses addressing an interdisciplinary topic.	
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 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 NEW YORK STATE TEACHER CERTIFICATION IN ADOLESCENCE EDUCATION: HISTEMC 6.75 0 Td (120 cr)Tj ET EMC /Span <</MCID 6211 >>BD( )i7YmajGRADES 7-1

SOPHOMORE YEAR

FALL		SPRING	
HIST 226, 227, 248, 249, or 252	3 cr	HIST 200 Latin America/Asia/Africa	3 cr
HIST 200 Latin America/Asia/Africa	3 cr	HIST 200 Latin America/Asia/Africa	3 cr
Core/LS	3 cr	Core/LS	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
HIST Elective (200 level)	3 cr	HIST Elective (300 level)	3 cr
HIST Elective (200 level)	3 cr	HIST Elective (300 level)	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

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 College	3 cr	HIST 226, 227, 248, 249, or 252	3 cr
PHIL 101 Philosophical Perspectives	3 cr	POSC 110 or PSYC 101	3 cr
HIST 226, 227, 248, 249, or 252	3 cr	EDUC 101	3 cr
POSC 110 or PSYC 101	3 cr	Foreign Language	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
HIST 226, 227, 248, 249, or 252	3 cr	HIST 200 Latin America/Asia/Africa	3 cr
HIST 200 Latin America/Asia/Africa	3 cr	PSYC 318	3 cr
PSYC 207	3 cr	Foreign Language	3 cr
EDUC 150	3 cr	Core/LS	3 cr
ECON 103 or ECON 105	3 cr	Core/LS	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
HIST Elective (200 level)	3 cr	HIST Elective (300 level)	3 cr
HIST Latin America/Asia/Africa	3 cr	HIST 477	3 cr
EDUC 354	3 cr	EDUC 355	3 cr
Core/LS	3 cr	Core/LS	3 cr
Core/LS	3 cr	Core/LS	3 cr
Elective	1 cr	Elective	1 cr
	16 cr		16 cr

SENIOR YEAR

FALL		SPRING	
HIST 413 or 497	3 cr	EDUC 464	12 cr
EDUC 420	3 cr	HIST Elective (300-level)	3 cr
EDUC 410	1 cr		
Core/LS	3 cr		
Core/LS	3 cr		
Core/LS	3 cr		
	16 cr		15 cr

Career Areas: History majors who are interested in the career areas below are encouraged to take courses in the subject areas speci ed. Students should consul their advisor on speci c choices.

TEACHING–SECONDARY LEVEL
Students interested in this career should consult with the education faculty.

COMMUNICATION
English and Communication	12 cr
Social Science	6 cr
Social Science, Behavioral Science	6 cr
Business, Fine Arts, Computer Science	6 cr

FOREIGN SERVICE
Language	12 cr
Political Science	6 cr
Fine Arts	6 cr
Economics	12 cr

GOVERNMENT AND COMMUNITY SERVICE
English Expression	6 cr
Business–Economics	6 cr
Behavioral Science	6 cr
Political Science	6 cr
Math–Computer Science	6 cr

HISTORICAL PRESERVATION
Art History, Fine Arts	6 cr
Archaeology, Sociology, Anthropology	9 cr
Political Science, Economics	9 cr
Business, Writing	6 cr

MANAGEMENT
Business	12 cr
Writing	6 cr
Math–Computer Science	6 cr
Social Science, Behavioral Science	6 cr
Language	6 cr

GRADUATE SCHOOL
Language, Computer Science	6-12 cr
Social Science	6-12 cr
Philosophy	6 cr
Writing	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 espous an ideal dedicated to helping students develop the intellect, character, and skills required for enlightened, ethical, and productive lives in the global community of th 21st century, Marist's Honors Program will provide opportunities for academic excellence, leadership, cultural enrichment, and global engagement. The Program offe 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 tri and lectures, bring together talented students who seek a more intensive and extensive educational experience. Promoting the adventure of intellectual pursuits, Program challenges students to achieve their academic potential while they develop as responsible citizens and leaders in an increasingly culturally complex wor A participating student who successfully completes all of the requirements will receive an Honors certi cate, a medallion to be worn at Commencement, and specia 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 Seminarregionalism more generally. This interdisciplinary minor assists students in understanding their community, the regio		

employs the ideas and methods of the liberal arts, natural and social sciences, and the ne arts. While the minor focuses on the Hudson River Valley, the knowle skills, and approaches to understanding developed can be applied to all regions. The minor is recommended for any student who plans to have a career that de on ties to surrounding communities such as education, business, politics, or research in the natural or social sciences. Upon completion of the minor, students understand how the regions where they have chosen to live and to work connect to the larger global community.

REQUIREMENTS FOR A MINOR IN HUDSON RIVER VALLEY REGIONAL STUDIES

All students must take History and Culture of the Hudson River Valley or Hudson River Valley Studies: History (Honors) and Introduction to Environmental Issues Science, Technology, and Society: Environmental Science and Politics (Honors). A minimum of 12 credits in the minor must be taken at Marist College. In additi all students are encouraged to complete an internship with an organization in the Hudson River Valley.

A.

Total Core/Liberal Studies Requirement		40 cr
4.0 Electives and/or internship	4-7 cr	
Total Credit Requirement for Graduation		120 cr

* Elective Courses (6-8 credits) Information Technology majors extend their study of Information Technology by selecting two additional Computing Technolog (CMPT) courses, both 300 level or above, in consultation with their faculty advisor. By selecting various combinations of courses, students can
  - broaden their exposure to include the technologies in Enterprise Computing, E-commerce or Data Centers,
  - focus on a particular Technology area that re ects their interests and career aspirations, or
  - emphasize further study of Information Technology 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

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY AND SYSTEMS WITH A CONCENTRATION IN INFORMATION SYSTEMS

FRESHMAN YEAR

FALL		SPRING	
CMPT 120 Intro to Programming	4 cr	CMPT 220 Software Development I	4 cr
MATH 130 Intro to Statistics	3 cr	CMPT 230 Software Sys & Analysis	4 cr
BUS 100 Intro to Business & Mgmt	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 Comm & 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 L/S L/S	4 3 cr crt &/Span SPRING LCD	CMPT 6758 >>BDC BT /T1_1	3 cr 1 Tf 2.75
	15 cr		15 cr

JUNIOR YEAR

FALL		SPRING	
CMPT Upper Level Elective	3-4 cr	ACCT 203 Financial Accounting	3 cr
CMPT 321 Arc Hardware & Software	3 cr	CMPT 428 Data & Info Management	4 cr
	3 4 cr cr		4 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

DATA CENTER TECHNOLOGIES CERTIFICATE

The Data Center Technologies Certi cate provides a fast-track certi cate to (re)train for entry-level IS professional positions and to provide computer competency in critical systems analysis and design skills, and problem-solving acumen. The certi cate program also allows a student to earn 27 undergraduate credits that can applied toward the Marist Bachelor of Science Degree in Information Systems, or to satisfy prerequisites and reduce the credit load from the Marist Master of Scienc degree in Information Systems for those already holding a Bachelor's Degree. The program provides essential knowledge and skills in computer programming, da management, data communications, systems analysis, and systems design. It culminates with a real-world system-development project experience.

Admission requirements: Minimum 50 college credits with a GPA of 2.0 or equivalent life experience; pro ciency in word processing and spreadsheet use (non-credit workshops are available to meet this requirement); three years of high school mathematics or college equivalent. Up to two courses may be transferred from accredited higher education institution.

This certi cate includes the following nine courses.*

COURSE REQUIREMENTS

CMSC 119 Introduction to Programming	3 cr
ITS 130 Information Technology and Systems Concepts	3 cr
ITS 321 Architecture of Hardware and Software	3 cr
ITS 406 Data Communications	3 cr
ITS 410 System Administration and Management	3 cr
ITS 415 Internetworking I	3 cr
ITS 420 Internet Security	3 cr
ITS 430 Systems Analysis and Design	3 cr
ITS 482 Introduction to Facilities	3 cr

* The certi cate will be awarded after the successful completion of the nine courses if the student has received a grade of C or better in each course.

B.S./M.S. PROGRAM IN INFORMATION SYSTEMS

EITEL LAURIA , Ph.D.,Graduate Director, Information Systems

This program is currently under revision. Please contact the School of Computer Science and Mathematics of ce for speci c requirements.

ITALIAN

IVETTE ROMERO , Ph.D.,Chairperson
LISA DOWNWARD , Ph.D.,Coordinator

MISSION:
The B.A. in Italian provides the foundational skills for spoken and written pro ciency as well as essential knowledge of Italian culture through the study of a broad range of topics such as Italian literature, history, and contemporary ideas. The minor provides students with a solid base for the many professions linked with internationa endeavors and helps to prepare students to work in Italian and Italian American communities and institutions here and abroad.

With the growing interest in Italian and Italian American studies at a national level, students of the Italian program will have the opportunity to expand their knowledge and language skills by integrating the major or minor into other elds, such as business, communications, economics, education, fashion, history, an political science, through interdisciplinary coursework that explores various theoretical and methodological approaches. The program strongly encourages students ful ll their immersion experience through study abroad at Marist's branch campuses in Italy or other venues available through the Marist International Programs (MIP)

REQUIREMENTS FOR A BACHELOR OF ARTS IN ITALIAN

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

STUDY ABROAD REQUIREMENT: Students must complete a minimum of 15 credits of course work in the major at an Italy branch campus. Additional semester(s) of study are strongly encouraged. Other study abroad programs in Italian-speaking environments will be considered with advisor approval.

1.0 Course Requirements in Italian

Approved courses in tracks:

Single Major Track			
ITAL 201 Advanced Italian I	3 cr		
ITAL 250 Italian Civilization	3 cr		
ITAL 281 Italian for Conversation	3 cr		
ITAL 282 Advanced Reading and Composition	3 cr		
ITAL 477 Capping Course	3 cr		
Additional upper-level Italian courses at the 300 level or higher, as approved by advisor. At least one elective course must be in literature.	21 cr		
		36 cr	
Double Major Track			
ITAL 201 Advanced Italian I	3 cr		
ITAL 250 Italian Civilization	3 cr		
ITAL 281 Italian for Conversation	3 cr		
ITAL 282 Advanced Reading and Composition	3 cr		
ITAL 477 Capping Course	3 cr		
Additional upper-level Italian courses at the 300 level or higher, as approved by advisor. At least one elective course must be in literature.	15 cr		
		30 cr	

NOTE: Internships carry elective credits and will not ful ll the above requirements.

Total Credit Requirement for a Major in Italian			30-36 cr
2.0 Core/Liberal Studies Requirements			
2.1 FOUNDATION			
FYS 101 First Year Seminar	4 cr		
ENG 120 Writing for College	3 cr		
		7 cr	
2.2 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	(ful lled by major eld 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
3.0 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 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 MINOR IN ITALIAN

1.0 ITAL 201 Advanced Italian I	3 cr	
ITAL 250 Italian Civilization of Italy	3 cr	
ITAL 281 Italian for Conversation	3 cr	
ITAL 282 Advanced Reading and Composition	3 cr	

Italian Electives:	6 cr
Two Italian courses selected with advisement at 300 level or higher.	
At least one elective course must be in literature.	
Total Credit Requirement for a Minor in Italian	18 cr

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN ITALIAN

FRESHMAN YEAR

FALL		SPRING	
ITAL 201 Advanced Italian I	3 cr	ITAL 281 Italian Conversation I	3 cr
FYS 101 First Year Seminar	4 cr	Core/LS	3 cr
ENG 120 Writing for College	3 cr	Core/LS	3 cr
PHIL 101 Philosophical Perspectives	3 cr	Core/LS	3 cr
Elective	3 cr	Elective	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
ITAL 282 Advanced Reading and Composition	3 cr	ITAL 250 Italian Civilization	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 Science 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 Judaism a Jewish culture. Participation in the program can help students to perceive the relationship of Judaism to other world religions and to understand Judaism's impact 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 nir 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:	6 cr
	REST 201 Religion in America	
	REST 204 Judaism	
	REST 208 Judeo-Christian Scriptures	

LATIN AMERICAN/CARIBBEAN STUDIES MINOR

IVETTE ROMERO , Ph.D.,Coordinator

Description:
The Latin American/Caribbean Studies Minor offers a broad foundation in the social sciences and helps prepare students interested in working with Latin Ameri
Caribbean communities in the United States and abroad. With the growing Latino/Hispanic/Caribbean populations in New York and the United States, students of L
American/Caribbean descent have the opportunity to expand their knowledge and language skills (especially English, French and Spanish) by integrating work i
elds of Business, Communications, Economics, Education, Environmental Science, History, and Political Science with interdisciplinary coursework that explor
various theoretical and methodological approaches.

REQUIREMENTS FOR A MINOR IN LATIN AMERICAN/CARIBBEAN STUDIES

1.0 Course Requirements in Latin American/Caribbean Studies

SPAN 153 The Civilization of Puerto Rico
SPAN 154 Civilization: Hispanics in the United States
SPAN 220 Latin American Literature in Translation
SPAN 260 Cultures of Latin America (in Spanish)
SPAN 315 The Experience of Hispanic Literature (in Spanish)
SPAN 335 Themes in Latin American Cinema (also ful lls requirements for Cinema Studies Minor)
SPAN 270 Cultures of Hispanics in the U.S. (in Spanish)
SPAN 370 Latin American Women Writers (in Spanish)
SPAN 392, 393 Special Topics (focus on Latin America or the Caribbean)
SPAN 394, 395, 396 Internship

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

** 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.

HONORS IN MATHEMATICS

Up to approximately 10% of the graduating seniors in Mathematics or Applied Mathematics will be awarded Honors in Mathematics on the basis of 1) demonstra achievement in the mathematics or applied mathematics major and 2) demonstrated ability to work independently on a project of greater depth than that norm required of majors. Students who wish to be considered for Honors in Mathematics should begin planning during the junior year, and then complete the items b under the guidance of a faculty project advisor during the senior year.

- Have the advisor present a project proposal to the Mathematics Department for formal approval (ideally at the start of the senior year).
- Conduct the research project as part of a 3- to 6-credit independent study.
- Present the results of the project in at least one approved public forum.
- Present the results of the project in written form (i.e., an Honors thesis) by the last day of nal exams in the spring semester.

For more details please contact the Department Chair or visit the Department of Mathematics page at the Marist College web site.

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
CMPT 120 Intro to Programming	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
		Core/LS	3 cr
	15 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	
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	General Elective	3 cr
	15 cr		13 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

EDUC 355 Teaching Language Arts/Content Areas	3 cr		
EDUC 410 Participation/Observation	1 cr		
EDUC 424 Methods of Teaching Mathematics in Secondary Schools	3 cr		
EDUC 464 Student Teaching	12 cr		
Foreign Language**	3-6 cr		
Credit Requirement in Education		40-43 cr	
Total Credit Requirement for a Major in Mathematics Education			83-86 cr

4.0 Core/Liberal Studies Requirements

4.1 FOUNDATION

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

4.2 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 education req.
		18 cr

Pathway***		12 cr
Courses addressing an interdisciplinary topic		

JUNIOR YEAR

FALL		SPRING	
MATH 450 Fund. Concepts of Geometry or 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
EDUC 354 Teaching of Language Arts	3 cr	EDUC 355 Reading/Writing Content Area	3 cr
Core Dist. – Elem. Foreign Lang.	3 cr	Core Dist. – Elem. Foreign Lang.	3 cr
Core Dist.	3 cr	General Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		SPRING	
EDUC 410 Participation/Observation	1 cr	MATH 477 Capping Course	3 cr
EDUC 424 Methods of Teaching Math	3 cr	EDUC 464 Student Teaching	12 cr
MATH 450 Fund. Concepts of Geometry or MATH 300/400-level Requirement	3 cr		
MATH 300/400-level Requirement	3 cr		
Core Dist.	3 cr		
	13 cr		15 cr

MEDIA ARTS

SUE LAWRENCE, Ph.D.,Chairperson, Media Arts Department

MISSION:
The B.A in Media Studies and Production fosters critical thinking, strong hands-on skills, and creativity in the study and production of media. Drawing from a strong liberal arts foundation, Media Studies and Production integrates the history, theory, and analysis of visual culture with production experience and internshi opportunities in the areas of television, lm, interactive media, and game design. It prepares students for ful lling careers in a wide-range of media industries.

The program offers concentrations in Film & Television and Interactive Media & Game Design, as well as three minors in Digital Video Production, Interactive Media, and Cinema Studies.

Opportunities for internships are readily available. The strong alumni network of the School of Communication and the Arts ensures that students intern in som of the top media organizations in the Northeast, including the major television networks, lm studios, public relations rms, radio stations, game studios, design rms, technology companies, nonpro t and human-service agencies, and Fortune 500 companies. This on-the-job training prepares graduates to enter this exciting and ev changing profession.

OBJECTIVES:
The goals and objectives of the B.A. in Media Studies and Production are:

1. To develop students' understanding of media theory and the ability to translate this knowledge successfully into practice through the gathering, evaluating, an synthesizing of information from various sources.
2. To develop students' ability to communicate effectively in writing and through various forms of media technologies.
3. To develop students' creative, innovative, aesthetic, and critical skills in producing visual, audio, and/or written works of excellence.

MINORS
The program also includes minors in Digital Video Production, Interactive Media, and Cinema Studies for students outside Media Studies and Production who ar interested in combining the study or the production of media with other disciplines. Students in Media Studies and Production cannot complete these minors. Studer can, however, declare a double concentration in Film & Television and Interactive Media & Game Design.

Foundation Courses (6 credits)

Students majoring in Media Studies and Production are required to take two foundation courses. These courses will be taken during the freshman year.

MDIA 101 Introduction to Media Studies 3 cr
MDIA 103 Digital Toolbox 3 cr

Concentrations (33 credits)

Media Studies and Production majors are required to select one of two concentrations: Film & Television or Interactive Media & Game Design. The courses that mak up the concentration requirements provide both focus and depth of study.

Interactive Media & Game Design Concentration

MDIA 110 Intro to Design
MDIA 201 Writing for Media
MDIA 210 Interactive Media I
MDIA 310 Interactive Media II
MDIA 311 Media Theory and Methods

Select two:

MDIA 312 Online Culture
MDIA 313 Storytellling Across Media
MDIA 316 Ethics and Gaming
MDIA 320 History of Electronic Media
MDIA 411 Topics in Interactive Media (can be taken up to three times under different topics)

Select four:

MDIA 203 Video Production
MDIA 302 Editing
MDIA 304 Audio Production
MDIA 314 Game Design I
MDIA 410 Game Design II
MDIA 430/Art 430 3D Modeling & Animation
Any approved Digital Media courses offered through the Art department

Film & Television Concentration

MDIA 120 Art of Film
MDIA 201 Writing for Media
MDIA 203 Video Production

Select one:

MDIA 321 Television Theory and Criticism
MDIA 322 Film Theory and Criticism

Select three:

MDIA 320 History of Electronic Media
MDIA 323 Film and History
MDIA 324 Experimental Film and Video
MDIA 325 Documentary
MDIA 326 Race and Ethnicity in Film
MDIA 331 Current Issues in Television (can be taken up to three times under different topics)
MDIA 332 Current Issues in Film (can be taken up to three times under different topics)
MDIA 335 Gender and Media
MDIA 339 Film and Literature
MDIA 421 Topics in Television (can be taken up to three times under different topics)
MDIA 422 Topics in Global Cinema (can be taken up to three times under different topics)

Select four.One must be at the 400 level:

MDIA 301 Screenwriting for Film and Television
MDIA 302 Editing
MDIA 304 Audio Production
MDIA 305 Lighting and Cinematography
MDIA 306 Media Performance
MDIA 401 Advanced Screenwriting
MDIA 402 Advanced Post Production
MDIA 403 Multi-Camera Production
MDIA 405 Digital Filmmaking

Electives (6 credits)

Each student is required to take two additional elective courses at any level drawn from Media Arts or Communication. These courses could be selected to all
greater depth in investigating subjects encountered in the foundation or concentration requirements. Alternatively, these courses could be designed to broaden a st
understanding of subjects beyond the student's specialized concentration.
Note: Internships carry non-liberal-arts elective credits and will not ful ll the above requirements.

Capping Course (3 credits)

MDIA 480 Capping

REQUIREMENTS FOR A BACHELOR OF ARTS IN MEDIA STUDIES AND PRODUCTION

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

1.0 Course Requirements in Media Studies and Production			
Foundation Courses	6 cr		
Concentration Courses	33 cr		
Electives	6 cr		
Capping Course	3 cr		
Total Credit Requirement in Media Studies and Production			48 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	

Select three:

- MDIA 323 Film and History
- MDIA 324 Experimental Film and Video
- MDIA 325 Documentary
- MDIA 326 Race and Ethnicity in Film
- MDIA 332 Current Issues in Film (can be taken up to three times under different topics)
- MDIA 335 Gender and Media
- MDIA 339 Film and Literature
- MDIA 422 Topics in Global Cinema (can be taken up to three times with new topics)
- FREN 305 Studies in French Film and Literature
- SPAN 330 Themes in Spanish Cinema
- SPAN 335 Themes in Latin American Cinema
- PHIL 333 Philosophy and Film

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

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 131 General Chemistry I	4 cr	
CHEM 132 General Chemistry II	4 cr	
CHEM 201 Intro to 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	
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.

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 132 General Chemistry II	4 cr
CHEM 131 General Chemistry I	4 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

JUNIOR YEAR

FALL		SPRING	
CHEM 201 Intro to Organic Chem	3 cr	MEDT 301 Clinical Microbiology I	4 cr
BIOL 312 Microbiology	4 cr	MEDT 305 Clinical Chemistry I	4 cr
Core/LS	3 cr	MEDT 315 Hematology I	4 cr
Core/LS	3 cr	MEDT 340 Clinical Immunology/ Immunohematology I	4 cr
		MEDT 345 Clinical Microscopy I	1 cr
	13 cr		17 cr

SENIOR YEAR

SUMMER			
MEDT 350 Clinical Found. Med. Lab. Sciences	1 cr		
SUMMER/FALL		**SPRING**	
**MEDT 401 Clinical Microbiology II	4 cr	BIOL 421 Parasitology	4 cr
**MEDT 405 Clinical Chemistry II	4 cr	MEDT 477 Topics in Medical Technology (Capping)	3 cr
**MEDT 410 Hematology II	4 cr	Core/LS	3 cr
**MEDT 440 Clinical Immunology/ Immunohematology II	4 cr	Elective	3 cr
**MEDT 445 Clinical Microscopy II	1 cr		
	17 cr		13 cr

**Af liate Medical Laborator.</ActualText<FEFF0009>>> BDC Based Course IncludEFFOutpatxt<t and Inpatxt<t Phlebotomctua1 week/3 wþþ˜

SPAN 420 Medieval Spanish Lit
SPAN 424 Cervantes
SPAN 425 Literature of the Golden Age
MUS 340 Baroque Masters
MUS 344 Medieval and Renaissance Music
PHIL 321 Medieval Philosophy
PHIL 311 Modern Philosophy
REST 203 Christianity
REST 204 Judaism
REST 243 Catholic Thought and Spirituality

Total Credit Requirement for a Minor in Medieval and Renaissance Studies 18 cr

MUSIC

ARTHUR B. HIMMELBERGER , B.M., M.Ed., Ed. Admin. Cert., Director

MISSION:
The Marist College Music Department offers a minor in Music with both vocal and instrumental tracks. Primarily a performance-based program, the Music Minor offe students the opportunity to pursue their musical endeavors on the college level. The Department is home to over 600 students who participate in any of 21 perfor ensembles and take a variety of courses offered in music theory, music industry, music history, and applied music. From applied study in voice, piano, brass, woodw percussion, or strings to researching the lives and works of various composers, the Marist student nds an atmosphere of individual care and attention to pers musical growth. These skills can be used and enjoyed for a lifetime.

OBJECTIVES:
(1) To educate students in the applied, theoretical, historical, performance, and business aspects of music.
(2) To expose students to all genres of music, and enable them to understand and perform each in a correct stylistic manner.
(3) To act as public relations ambassadors for Marist College, including Advancement and Admissions.
(4) To provide performance opportunities to students locally, nationally, and around the globe.

PERFORMING ENSEMBLES:
Marist College Bands (Symphonic and Athletic Bands)
Marist College Brass Ensemble
Marist College Flute Ensemble
Marist College Guitar Ensemble
Marist College Handbell Choir
Marist College Jazz Ensemble ("The Jazz Foxes")
Marist College Jazz Quartet
Marist College Percussion Ensemble
Marist College String Orchestra
Marist College Wind Symphony (Select Wind Ensemble)
Marist College Woodwind Ensemble
Marist College Chamber Singers (auditioned concert choir)
Marist College Chapel Choir
Marist College Freshmen Women's Choir
Marist College Gospel Choir
Marist College Singers (mixed concert choir)
Marist College Singers Men (male concert choir)
Marist College Singers Women (female concert choir)
Marist College Sirens (female a cappella ensemble)
Marist College Time-Check (male a cappella ensemble)
Marist College Women's Select Choir (auditioned women's concert choir)

REQUIREMENTS FOR A MINOR IN MUSIC

Students may select either the vocal track or the instrumental track.

Vocal Track:

One 3-credit Vocal course selected from the following: 3 cr
- MUS 112 Beginning Vocal Skills I
- MUS 113 Beginning Vocal Skills II
- MUS 212 Intermediate Vocal Skills I
- MUS 213 Intermediate Vocal Skills II
- MUS 351 Independent Vocal Study

Three 1-credit Choral Ensemble Courses 3 cr
- MUS 251 Marist College Singers Women
- MUS 250 Marist College Singers Men
- MUS 252 Marist College Freshmen Women's Choir
- MUS 253 Marist College Chapel Choir
- MUS 254 Marist College Gospel Choir
- MUS 255 Marist College Women's Select Choir
- MUS 256 Marist College Chamber Singers

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 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

MISSION:
The objective of the Marist Paralegal Program is to offer organized and comprehensive training in the theory, information, and skills required to qualify as a le
assistant, in accordance with the guidelines established by the American Bar Association. The program is offered within the context of the educational purpose o
College and its commitment to a liberal arts, humanist, value-oriented curriculum. OurIcurfered wi1A b to f wb6;M.9ays. F[(, J)a(cuty.9(e trariculum. OurIcu8)-29

1.2 Logic
One course from: 3 cr
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

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 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 PHILOSOPHY WITH A CONCENTRATION IN RELIGIOUS STUDIES

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

1.0 REQUIRED COURSES IN PHILOSOPHY

1.1 Foundation Course 3 cr

PHIL 101 Philosophical Perspectives

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		

REQUIREMENTS FOR A MINOR IN PHILOSOPHY

PHIL 101 Philosophical Perspectives	3 cr
PHIL 200-level Ethics	3 cr
Two History of Philosophy Courses:	6 cr
PHIL 240 Pragmatism	
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 213 Foundations of American Social Thought	
Two Additional Philosophy Courses	6 cr

Total Credit Requirement for a Minor in Philosophy 18 cr

Students who wish to minor in Philosophy must contact the Chair for advisement in choosing Philosophy courses pertinent to the student's major eld of study.

PHYSICAL EDUCATION

TIMOTHY MURRAY, M.A., Director of Physical Education
GLENN MARINELLI , M.Ed.,Assistant Director of Physical Education

PROGRAM IN COACHING CERTIFICATION FOR NEW YORK STATE

A ruling by the New York State Board of Regents requires that all public school coaches must be certi ed by an approved program of certi cation or be a certi
teacher of Physical Education.

Marist has been approved as a certifying institution and is providing the courses leading to coaching certi cation in New York State.

The course areas offered are mandated by the state and fall into three basic areas:

1. Philosophy, principles, and organizations; students must take PHED 410, Principles and Problems of Coaching.
2. Health Sciences applied to coaching:
   a. Students must take either PHED 401 (Movement in Sports) or HLTH 300 (Kinesiology)
   b. Students must take either PHED 305 (First Aid & Care of Injuries) or HLTH 202 (First Aid/CPR)
3. Theory and techniques courses in coaching: students must take one two-credit course chosen from the following, not all of which are offered every year:
   - PHED 310 Soccer Coaching
   - PHED 311 Basketball Coaching
   - PHED 313 Baseball Coaching
   - PHED 314 Football Coaching

Upon completion of all of these courses, it is the student's responsibility to contact the New York State Education Department to apply for a certi cate, which is
issued by Marist College. It is also the student's responsibility to take appropriate steps to renew the certi cate every three years.

Please refer to the following websites for information about contacting the New York State Education Department:
http://www.emsc.nysed.gov/ciai/pe/pub/app.html
http://www.highered.nysed.gov/tcert/certi cate/coachinglic.htm.

POLITICAL SCIENCE

JOANNE MYERS, Ph.D,Chairperson

MISSION:
The Political Science Department at Marist College sees its mission as one of enabling students to make sense of the political world and issues they are inhe
instilling in them an interest in politics, political systems and institutions on all levels, in short, in political life and giving them the tools so they might enable the wor
to be a better place. We do so by offering a foundation in the four discipline sub elds of political science – American government, political theory, comparative politi
and international relations. The major is designed with exibility so that students can develop their own interests in at least two sub elds as they grow as scholars.

Our goal is to assist and mentor students so they are able to think analytically and critically about political problems, both historical and contemporary, issues
ethical dilemmas. Students learn to read primary texts; collect, analyze and interpret data (especially utilizing the resources at the Marist Institute for Public Opi
(MIPO)), distinguish facts that are pertinent to their elegant arguments and communicate – both written and orally, effectively and persuasively. By grappling with
great issues of our time and of the past, the faculty guide students to appreciate the dynamic interplay of theory, methodology and practice in understanding the po
world.

We are committed to helping our students become skilled and pro cient communicators. We all recognize that learning to write well is important in the el
of political science. To this end, we all emphasize not only the quantity and variety of writing assignments, but the quality of the nished work. Likewise, we als
emphasize the ability to craft a good solid argument both orally and in writing. While the classroom is at the heart of the liberal arts education, we also recognize
learning is not limited to the time in class or within the walls of the classroom itself. One of the department's goals is to turn the entire world into our classroom

taking advantage of the unique opportunities we have at Marist and beyond, including The Marist Institute For Public Opinion (Marist Institute), the FDR Presidentia
Library, town meetings, academic conferences, the Model United Nations, internships, the Albany Semester, the Washington Semester, Marist Abroad, Pre-law and t
American Bar Association approved Paralegal programs. Consistent with the mission of Marist, Political Science challenges students to confront the perennial valu
and issues involved in politics. The department aims to prepare students for responsible citizenship in our changing world, and to assist students in developing lifelo
learning skills and a broad grounding in a liberal arts education. Our students should be well prepared for graduate or law school, the workplace – including publi
service, non-pro ts, the media, and corporations – and in the communities in which they reside.

REQUIREMENTS FOR A BACHELOR OF ARTS IN POLITICAL SCIENCE

Note: A minimum of 90 credits in Liberal Arts is required. No more than eight credits in POSC Internship may be used to ful ll major eld requirements.

1.0 Course Requirements

POSC 110 American National Government	3 cr
POSC 111 Intro Comparative Politics	3 cr
POSC 112 Intro Political Theory	3 cr
POSC 113 International Relations	3 cr
POSC 235 Scope & Methods for Political Analysis	4 cr

One 200-Level Political Theory Course from: 3 cr
- POSC 218 American Political Theory
- POSC 232 Classical Political Thought
- POSC 233 Modern Political Thought

One 200-Level Global Politics Course from: 3 cr
- POSC 213 Politics of Human Rights
- POSC 236 Politics of Developing Areas
- POSC 251 European Politics
- POSC 252 Comparative Politics of Eastern Europe/Russia
- POSC 271 Nationalism and Communism in China and Taiwan
- POSC 280 Model United Nations
- POSC 290 International Law and Organization
- POSC 325 International Political Economy

One 200-Level American Politics Course from: 3 cr
- 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

300-Level Course Requirement: 6 cr

Students must take two 300-level courses, one in each of two sub elds – American Politics, Political Theory, Global Politics:

American Politics:
- POSC 300 US Constitutional Law: Civil Rights & Liberties
- POSC 302 Political Social Movements
- POSC 304 Public Administration
- POSC 312 History of the American Presidency
- POSC 322 Policy Implementation
- POSC 338 Political Communication & Politics
- POSC 342 Survey Research & Data Analysis
- POSC 360 Congress Today
- POSC 303 Politics of Prejudice

Political Theory:
- POSC 310 Race & Political Thought
- POSC 320 Feminist Political Thought
- POSC 321 Contemporary Political Theory
- POSC 340 Marx and Marxism

Global Politics:
- POSC 325 International Political Economy
- POSC 350 Latin American Politics
- POSC 351 African Politics
- POSC 355 Comparative Politics of the Middle East

Global Politics:
- POSC 213 Politics of Human Rights
- POSC 236 Politics of Developing Areas
- POSC 251 European Politics
- POSC 252 Comparative Politics of Eastern Europe/Russia
- POSC 271 Nationalism and Communism in China and Taiwan
- POSC 280 Model United Nations
- 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 (one course must be at the 300 level)	9 cr
Total Credit Requirements for the Minor	21 cr

OPTIONS FOR POLITICAL SCIENCE MAJORS

Marist Abroad Program – contact Director

SENIOR YEAR

FALL		SPRING	
POSC 477 Capping: Law & Morality	3 cr	POSC Elective	3 cr
POSC Elective	3 cr	POSC Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	1 cr
	15 cr		13 cr

PSYCHOLOGY

DEBORAH GATINS , Ph.D.,Chairperson

MISSION:
The psychology major at Marist provides a rich and rewarding educational experience within a strong liberal arts tradition. Psychology courses explore psycholog theory as well as the application of psychological principles. The range of application varies from experiences in psychological research courses, where students ac conduct research, to developmental courses, where students can see the relevance of applying principles of development in their own lives.

As students become familiar with the psychological literature and its applications, they develop a professional orientation that prepares them for entry-level j in the eld and acceptance to graduate schools in psychology. This professional orientation is supported by eld/service learning experiences that are available in junior/senior year in a local human-service agency, school, or research setting. This undergraduate preparation as a psychology major is valuable not only for stu who choose advanced graduate study in psychology, but also as preparation for elementary/special education teacher training programs as well as a wide ar positions generally included under the elds of business management and communication or the pursuit of advanced degrees in other areas such as law or medic

Teaching Certi cation in Childhood Education/Students with Disabilities 1–6

Psychology majors have the opportunity to participate in a teacher certi cation program, which integrates a strong professional studies sequence in Childh Education/Students with Disabilities (1–6) with their academic major and the Core/Liberal Studies program.

Graduates of this program earn a B.A. Degree in Psychology and complete requirements for dual initial teaching certi cation. Freshman psychology majors intere in pursuing this option should contact the Department of Education, Dyson 388. Information about the major requirements, Core/Liberal Studies requirements, required courses in the certi cation sequence can be found in the Education Department section of the catalog.

Double Major in Psychology and Criminal Justice

It is possible for students who plan carefully early in their college careers to double major in Psychology and Criminal Justice. To pursue this option students sh contact the Chair of either the Psychology Department or the Criminal Justice Department.

REQUIREMENTS FOR A BACHELOR OF ARTS IN PSYCHOLOGY

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

1.0 Foundation Courses Speci c to the Psychology Major

PSYC 101 Intro to Psychology	3 cr	
PSYC 350 Psyc Research Methodology AND Lab I	4 cr	
PSYC 351 Psyc Research Methodology AND Lab II	4 cr	
PSYC 478 Capping Course	3 cr	
		14 cr

1.1 Breadth of Psychology Major Requirements — 16 cr

Students must complete 16 credits by choosing 5 courses from no less than 4 of the following 5 categories; one must be a 4-credit lab course: — 16 cr

- Developmental Psychology (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 342, 306)
- Clinical, Counseling and School Psychology (PSYC 201, 202, 203, 207, 208, 311, 332, 348, 362, 372)

1.2 Psychology Electives (Life after Marist, Personalize your Major)

Students must complete an additional 6 credits in the major. 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			
	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
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 in Co
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 PSYCHOLOGY MAJORS

FRESHMAN YEAR

FALL		SPRING	
PSYC 101 Introduction to Psychology	3 cr	MATH 130 Intro to Statistics	3 cr
PHIL 101 Philosophical Perspectives	3 cr	CMPT 103 Technology for 21st Century	3 cr
FYS 101 First Year Seminar	4 cr	Psychology Elective	3 cr
ENG 120 Writing for College	3 cr	Core/LS Breadth	3 cr
		Core/LS Breadth	3 cr
	13 cr		15 cr

SOPHOMORE YEAR

FALL		SPRING	
PSYC 350 Psychology Research Methodology & Lab I	4 cr	PSYC 351 Psychology Research Methodology & Lab II	4 cr
Psychology Elective	3 cr	Psychology Elective	3 cr
Core/LS Pathway	3 cr	Core/LS Pathway	3 cr
Core/LS Breadth	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	16 cr		16 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: This would be good semester 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 Introduction to Psychology	3 cr	CRJU 105L Info Literacy	1 cr
CRJU 101 Introduction to CRJU	3 cr	Core/LS Breadth	3 cr
		POSC 110 American National Government	3 cr
	16 cr		16 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 221 Law & Society	3 cr
CRJU 230 Policing	3 cr	CRJU 235 Corrections	3 cr
Core L/S – Breadth	3 cr	Core L/S – Breadth	3 cr
Core L/S – Pathway	3 cr		
	16 cr		13 cr

JUNIOR YEAR

FALL		SPRING	
CRJU 250 Courts	3 cr	CRJU 304 Criminal Procedure II	3 cr
CRJU 301 Org/Admin	3 cr	PSYC Elective	3 cr
CRJU 303 Criminal Procedure I	3 cr	CRJU 305 Juvenile Justice	3 cr
Core L/S – Breadth	3 cr	CRJU 370 Theories of Punishment	3 cr
PSYC 301, 302, 303, 304, 305, or 306	4 cr	Core L/S – Pathway	3 cr
		Core L/S – Pathway	3 cr
	16 cr		18 cr

SENIOR YEAR

FALL		SPRING	
PSYC 487 Field Work	3 cr	CRJU 477 Senior Seminar II	3 cr
PSYC 488 Field Work	3 cr	CRJU 496 Intern I	3 cr
CRJU Elective	3 cr	CRJU 497 Intern II	3 cr
CRJU 440 Senior Seminar I	3 cr	Core L/S – Breadth	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 no less than three of the following ve elective categories:	15 cr

RECOMMENDED PROGRAM SEQUENCE FOR PSYCHOLOGY MAJORS PURSUING DUAL CERTIFICATION IN CHILDHOOD EDUCATION/STUDENTS WITH DISABILITIES 1-6

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 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 Education	0 cr
	16 cr		15 cr

OPTION III—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	

PUBLIC OPINION CONCENTRATION

LEE M. MIRINGOFF , Ph.D.,Director, Marist Institute for Public Opinion

JUNIOR YEAR

FALL	SPRING
___	___
___	___

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 II/Capping	3 cr
SOCW 482	Practicum in Social Work I	4 cr
SOCW 483	Practicum in Social Work II	4 cr

racial Work
geuction Psych

Credit Requirement in Sociology and Social Work 12 51 cr

2.0 Course Requirements in Related Fields

PSYC 101	Introduction to Psychn	3 cr

RECOMMENDED PROGRAM SEQUENCE FOR A SOCIAL WORK MAJOR

FRESHMAN YEAR

FALL

SOC 101 Intro to Sociology	3 cr
BIOL 101 Topics in Biology OR	
BIOL 237 Human Biology	3 cr
ENG 120 Writing for College	3 cr
FYS 101 First Year Seminar	4 cr
	13 cr

SPRING

PSYC 101 Intro to Psychology	3 cr
CMPT 103 Technology 21st Century	3 cr
Core/LS History	3 cr
Core/LS Philosophical Perspectives	3 cr
General Elective	3 cr
	15 cr

SOPHOMORE YEAR

FALL

SOCW 230 Intro to Social Work	3 cr
ECON 150 Economics of Social Issues	3 cr
POSC 110 American Nat'l Gov't	3 cr
Core/LS Math	3 cr
Core/LS	3 cr
	15 cr

SPRING (Recommended semester for Study Abroad)

Core/LS Fine Arts	3 cr
Core/LS	3 cr
Core/LS Literature	3 cr
SOC 336 Social Inequality	3 cr
Core Pathway/Distribution	3 cr
	15 cr

JUNIOR YEAR

FALL

SOCW 330 Soc Serv Theory/Pract	3 cr
SOCW 345 Hum Beh Soc Environ	3 cr
SOCW 344 Social Welfare Policy & Analysis	3 cr
SOC 440 Social Theory	3 cr
Core/LS	3 cr
	15 cr

SPRING

SOC 480 Social Reaserch Methods	3 cr
SOCW 383 Social Work Methods I	3 cr
SOCW 382 Junior Field Education	1 cr
SOCW 395 Social Work w/Diverse	3 cr
Core Pathway/Distribution	3 cr
General Elective	3 cr
	16 cr

SENIOR YEAR

FALL

SOCW 475 Social Work Methods II	3 cr
SOCW 482 Practicum in Social Work I	4 cr
General Elective	3 cr
General Elective	3 cr
Required SW Elective	3 cr
	16 cr

SPRING

SOC 341 Social Change	3 cr
SOCW 478 Senior Integrative Seminar II/Capping	3 cr
SOCW 483 Practicum in Social Work II	4 cr
General Elective	3 cr
General Elective	2 cr
	15 cr

REQUIREMENTS FOR

of global studies, teacher education, international tracks in other disciplines and, in general, career opportunities in key areas of domestic and international servi where knowledge of a foreign language facilitates and increases the level of success.

The Spanish area of the division affords the serious student of a foreign language the following special academic programs:

(1) Marist International Programs, featuring individual placement, generally during the junior year, in Spain (Madrid, Granada) or Latin America (Argentina, Chile, and Cuba among others).

(2) Bilingual Education concentration.

(3) Secondary school teacher certi cation.

(4) Latin American and Caribbean Studies program.

The major outcome of a modern language education is greater self-awareness and an increased understanding of and ability to communicate with people of differ cultural backgrounds. In addition, career opportunities in many key areas of domestic and international services are enhanced for the person pro cient in a mode language.

SPAN 315 The Experience of Hispanic Literature	3 cr		
SPAN 477 Capping Course	3 cr		
Additional upper-level Spanish language or literature courses	15 cr		
Credit Requirement in Spanish, Regular Track–Double Major		30 cr	
D. Heritage Speakers' Track–Double Major			
1.0 The requirements are the same as in B. Heritage Speakers' Track. However, the number of additional upper-level Spanish language and literature courses is reduced to:	18-24 cr 6-12 cr		
Credit Requirement in Spanish, Heritage Speakers' Track-Double Major		30 cr	
Total Credit Requirement for a Major in Spanish			30-36 cr

The following pertains to all four tracks:

2.0 Course Requirements in Related Fields: None

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 P (6apRw1t31u2v)14sinar		

REQUIREMENTS FOR A MINOR IN SPANISH LANGUAGE STUDIES

Spanish Language: nine credits above the intermediate level* Spanish Langu ftudiesIES

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