

# Majors & Minors at Marist

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*Advisor Directory at: [www.marist.edu/directory/](http://www.marist.edu/directory/)*

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## How to Use This Publication

- Take some quiet time. We know it's hard to find in your hectic college existence, but even one-half hour can get you started. Go to a quiet, comfortable place and page through this booklet, stopping to consider each major, minor or certificate program that sounds appealing. Don't think about long-term consequences just yet (job outlook, salary levels, etc.). Just identify majors that seem interesting to you. You may have utilized career assessment instruments at the [Center for Career Services](#) that helped you identify some possible majors. If so, look at those first.
- Review the beneficial skills and interests of the majors you find interesting. Do they sound like you? If the answer is "yes," earmark this major for further consideration. Do the same for minors and certificate programs.
- Review the entry-level and long-term career opportunities for majors you have highlighted. Do they seem appealing? If you need to know more about the occupations, there are lots of good resource materials at the Center for Career Services. These career resources include descriptions of various occupations - work duties, typical employers, training and education needed, typical starting salaries, etc. Remember that the list of career opportunities for each major in this booklet is only a partial one. There are many more career areas associated with each major.
- Talk with a faculty member or advisor in the departments of interest to you (refer to the list of faculty at the end of this publication).
- Meet with a career coach at the Center for Career Services, particularly if you have questions about your interests, skills and values, or if you didn't find any majors, minors or certificate programs to be appealing. A career adviser may suggest that you take an interest inventory at the Center for Career Services if you have no idea where your interests lie.
- Discuss your possible choices with your academic or career coach before making a final decision.
- Read more about career opportunities related to the majors, minors and certificate programs that interest you. You can also talk with career professionals in fields that interest you. Career Services has an [Alumni Career Network](#) that can put you in touch with alumni in fields of interest to you.
- Take Career Planning & Decision Making (CRDV105N) to expose yourself to different major and career options and a range of inventories to assess your career interests, values, abilities and personality style.
- Take an introductory (100 Level) course in the major you are considering.
- Join a campus club or activity in the major you are considering.

**PLEASE NOTE: We strive to present accurate information in this publication; however, information can sometimes change quickly and without our knowledge. Our best advice is that you verify information presented in this booklet before making decisions based upon its content.**

# Accounting

Carol Friedman, M.B.A., C.P.A., Department Chair

## School of Management

Lawrence G. Singleton, Ph.D., Dean

Joanne H. Gavin, Ph.D., Assistant Dean for Undergraduate Programs

Jean Theobald, MPS, Director of Undergraduate Advising and Student Services

**What is Accounting?** Accounting is the process of identifying, measuring, and communicating economic information to permit informed judgments and decisions by the users of the information. Accounting is called the language of business, but it also provides financial information about not-for-profit organizations. While the curriculum is primarily designed to prepare public accountants, it also serves those who wish to enter management or internal accounting. The overall knowledge of business operations and the analytical procedures that the student acquires makes the degree attractive to a variety of prospective employers. Marist offers a Bachelor of Science in Accounting, a minor in Accounting and a Master's of Science in Professional Accountancy.

### Helpful Skills and Interests

- Mathematics ability.
- Strong organizational skills.
- Analytical orientation.
- Interest in financial management.

Corporate Budget Director  
Corporate Reporting Manager  
CPA Firm Partner  
Financial Planning Manager  
General Manager  
Internal Revenue Agent  
Operations Manager  
Vice President of Finance

### Skills You Will Develop

- Extensive knowledge of accounting, including methodologies and techniques.
- Skills to effectively communicate financial information to users.
- Knowledge to prepare for the CPA exam.

### Complementary Minors

Business, Communication, Computer Science, Criminal Justice, Economics, Information Systems.

### Career Opportunities

- **Entry-level Positions**
  - Financial Analyst
  - Fund Accountant
  - Internal Auditor
  - Portfolio Accountant
  - Staff Accountant
  - Tax Accountant
- **Long Term Positions**
  - Accounting Manager
  - Chief Financial Officer
  - College/University Professor
  - Company Treasurer
  - Controller

**Internships** are not required to complete the accounting major. However, they are advisable to complement theoretical knowledge with practical experience.

**Graduate School** Many accounting majors pursue advanced degrees during their employment, most common is the Master's of Science in Professional Accounting and the Master's of Business Administration. Others obtain law degrees. 150 credit hours are now required to sit for the CPA exam in many states.

# American Studies

Martin Shaffer, Ph.D., Program Coordinator

**School of Liberal Arts**

Martin Shaffer, Ph.D., Dean

**What is American Studies?** American Studies is an interdisciplinary program involving history, politics, law, literature, philosophy, religion, art and music. American Studies allows students to transcend narrow, disciplinary boundaries in exploring the broad interplay of ideas and events which have shaped American culture. The Bachelor of Arts in American Studies requires careful selection among designated courses within the American arena, while also developing a concentration focusing upon a different culture such as that of Latin America, England or Russia. A minor in American Studies is also available.

## Beneficial Skills and Interests

- Interest in American and other cultures.
- Broad-based interests: history, government, religion, and the arts.
- Flexibility and curiosity.

## Skills You Will Develop

- A thorough understanding of the development of America.
- Exposure to numerous academic disciplines.
- Understanding of and sensitivity to issues in both American and other cultures.

## Career Opportunities

- **Entry-level Positions**
  - Campaign Assistant
  - Government Agent
  - Journalist
  - Historic Preservationist
  - Legal Assistant
  - Lobbyist
  - Opinion Researcher
  - Reporter
  - Social Science Teacher
  - Editorial Assistant
  - Library Assistant
  - Research Assistant
  - Technical Writer

- **Long Term Positions**

- College/University Professor
- Curator
- Economist
- Federal Agent
- Historian
- Journalist
- Judge
- Lawyer
- Librarian
- Public Administrator
- Writer/Author

## Complementary Minors

Business Administration, Communication, English, Languages, History, Information Systems, Paralegal, Philosophy, Political Science, Public Administration.

**Internships** are strongly encouraged.

Museums, historical sites, government agencies and libraries are good sites to consider.

**Graduate School** qualifies a student to conduct research, teach at a college, manage a department or facility, and advance into other higher level positions. Master's or doctoral studies in business, education, law, history, English, library science and public administration are typical.

# Applied Mathematics

Joseph Kirtland, Ph.D., Department Chair  
School of Computer Science & Mathematics  
Roger Norton, Ph.D., Dean

**What is Applied Mathematics?** Applications of mathematics can be found in the fields of physics, chemistry, biology, computer science, operations research, finance, manufacturing, and many other areas. Generally, such applications require a high level of familiarity with the application discipline, as well as understanding of the underlying mathematics and specific knowledge of mathematical solution approaches and implementation methods. Applied mathematics is a growing field that is genuinely interdisciplinary, thus the Bachelor of Science in Applied Mathematics is designed to provide a student flexibility to focus on a discipline of personal interest. The curriculum maintains a strong foundation in traditional mathematics with additional focus on technology, methods, and topics central to applied mathematics. Tracks are offered in Chemistry, Biology, Computer Science, and Actuarial Science. The Mathematics Department also offers a more traditional Bachelor of Arts degree in Mathematics and a minor in Mathematics.

## Beneficial Skills and Interests

- Interest in technology and problem solving.
- High school algebra, geometry, and trigonometry.
- Ability to think critically.

## Skills Learned at Marist

- Strong mathematical foundation applicable to many fields, including computer science, biology, chemistry, economics, and finance.
- The ability to think analytically and make sound quantitative deductions
- The ability to organize, analyze, and interpret numerical data.
- Upper-level coursework in a non-mathematical discipline.

## Career Opportunities

- **Entry-level Positions**
  - Actuary
  - Business Analyst
  - Computer Programmer
  - Data Analyst
  - Financial Analyst
  - Informatics Analyst
  - Mathematics Teacher
  - Operations Research Analyst
  - Statistician
  - Software Developer
  - System Analyst

- **Long Term Positions**

- Actuarial Fellow
- Applied Mathematician
- College/University Professor
- Cryptologist
- Database Manager
- Data Scientist
- Portfolio Analyst
- Quality Control Engineer
- Quantitative Analytics Professional
- Research Mathematician
- Senior Analyst

## Complementary Minors

Economics, Computer Science, Data Science and Analytics, Business Administration, Biology, Chemistry, Information Systems, Philosophy.

**Internships** Summer internships, where students gain experience applying quantitative skills to solve real-world problems, and summer research opportunities, where students work on mathematical research projects, are widely available and highly encouraged.

**Graduate School** Choices for graduate study include mathematics, applied mathematics, mathematical finance, mathematical biology, public health, chemistry, earth science, physics, and are necessary for advancement in some areas.

# Art and Art History

Matt Frieburghaus, M.F.A., Department Chair  
**School of Communication and the Arts**  
Carolyn Lepre, Ph.D., Dean

**What is Art and Art History?** While always debated, art can be defined as the conscious use of skill and creative imagination in the production of aesthetic objects. Drawing, painting, sculpture, photography, graphic design, printmaking and digital art are among the media that comprise the visual arts. The study of art and artists of different time periods and geographic areas comprises art history. Marist offers a Bachelor of Science in Studio Art designed for an intensive training in the traditional studio arts under the guidance of experienced, working artists. Marist also offers a Bachelor of Arts in Fine Arts along with two concentrations. The concentration in Studio Art is designed to provide a broad-based training in the visual arts. All students will gain a foundation in design, drawing, and art history and then specialize in one of five tracks: digital media, drawing, graphic design, painting, or photography. The concentration in Art History provides a broad survey of western art, as well as courses in non-Western art such as African and Chinese Art. In addition to Art History courses, students round out their studies by pursuing an alternative discipline, preferably a foreign language. Students at Marist may minor in Studio Art, Photography, Graphic Design or Art History.

## Helpful Skills and Interests

- Creative ability.
- Interest in and appreciation for art.
- Interest in computers (for digital art).

## Skills You Will Develop

- Knowledge and skill in utilizing techniques and processes for creating visual art.
- Keener artistic ability and appreciation.
- Understanding of art and artists in the western tradition.
- Computer skills.

## Career Opportunities

- **Entry-level Positions**  
Advertising Studio Assistant  
Curator's Assistant  
Design Assistant  
Graphic Production Assistant  
Photographer's Assistant  
Production Assistant
- **Long Term Positions**  
Advertising Artist  
Art Critic  
Art Director  
Art Teacher  
Art Therapist  
Artist Agent

College/University Professor  
Curator  
Custom Framer  
Exhibit Designer  
Gallery Director  
Graphic Designer  
Illustrator  
Packaging Designer  
Photographer

## Complementary Minors

American Studies, Communication, Computer Science, History, Information Technology, Languages, Psychology.

**Internships** are not required but are encouraged in the junior or senior year. International Study is strongly encouraged at our branch campus in Florence, Italy and through short-term programs in France, Spain, the U.K., and Japan.

## Graduate School

Art majors often pursue the Master of Fine Arts in a studio specialization or a Ph.D. in Art History. Students interested in administration of arts facilities may obtain a Master's in Arts Administration or an MBA. Advanced study in languages or technology will assist advancement in certain occupations.



# Athletic Training

Michael Powers, Ph.D., Program Director & Department Chair  
School of Science  
Alicia Slater, Ph.D., Dean

**What is Athletic Training?** Athletic Training is an area of health care concerned with the prevention, recognition, care, and rehabilitation of injuries and illnesses to the physically active. Athletic Trainers work as part of a comprehensive allied health care team that includes physicians, physical therapists, and other professionals working in high schools, colleges and universities, clinics and hospitals, or corporate and industrial settings. Athletic Trainers also play a major role in the world of amateur and professional athletics. When injuries do occur the Athletic Trainer evaluates the injury, administers acute care and develops and coordinates a treatment and rehabilitation program under the direction of a physician. Upon completion of the B.S. degree in Athletic Training, graduates will be eligible to sit for the certification examination administered by the Board of Certification, Inc. (BOC).

## Helpful Skills and Interests

- Interpersonal ability.
- Comfort working with injured individuals.
- Good communication skills.
- Interest in sports and medicine.

Physical Therapist  
Physician  
Physician Assistant  
Physician Extender  
Program Director  
Sport Psychologist

## Skills You Will Develop

- Extensive knowledge of human anatomy and physiology.
- Clinical athletic training skills including exercise and therapeutic modalities.
- Assessment of musculoskeletal injuries.
- Athletic training administration.

## Complementary Minors

Biology, Business, Chemistry, Physics, Psychology.

## Career Opportunities

- **Entry-level Positions**  
Athletic Trainer
- **Long Term Positions**  
Athletic Trainer  
Biomechanist  
Exercise Physiologist  
Nutritionist/Dietician

**Internships** 900 hours of internships are built into the academic program to provide students with the requisite clinical experience.

**Graduate School** Many students pursue advanced degrees. Choices include Athletic Training, Exercise Physiology, Medicine, Biomechanics, Nutrition, Physician Assistant, Physical Therapy, and Sports Psychology. Graduate degrees offer the advantage of further specialization, advancement and increased salary levels.



# Biology/BioMedical Sciences

Victoria Ingalls, Ph.D., Department Chair

**School of Science**

Alicia Slater, Ph.D., Dean

**What is Biology?** Biology is the study of life extending from microorganisms to plants and animals including the complex structure of the human body. It includes the study of how organisms are structured as well as how they function and relate to each other. Among the major branches of biology are human anatomy and physiology, botany (the study of plants), microbiology (the study of microscopic organisms), zoology (the study of animals), and ecology (the study of relationships between organisms and the environment). The Bachelor of Science in Biology at Marist is designed to prepare students to pursue many career choices related to the biological sciences such as the health professions, industry and research. Students interested in teaching can prepare for certification in secondary education. A minor in Biology is also offered.

## Helpful Skills and Interests

- Ability to concentrate for long periods of time.
- Proficiency in reading, writing, problem solving, thinking and questioning.
- Analytical orientation.
- An interest in life and the natural world.

## Skills You Will Develop

- Knowledge of biological facts and practices.
- Skills to conduct and explain scientific research.
- Proficiency for accurate details.

## Career Opportunities

- **Entry-level Positions**
  - Biotechnology Assistant
  - Food Technologist
  - Nutritionist
  - Paramedic / EMT
  - Pharmaceutical Sales
  - Research Assistant
  - Veterinary Assistant
  - Wildlife Biologist
- **Long Term Positions**
  - Biology Teacher
  - Biotechnology Executive
  - Botanist
  - Chiropractor
  - Dentist
  - Dietitian
  - Ecologist

Geneticist  
Microbiologist  
Nurse  
Optometrist  
Pathologist  
Pharmacist  
Physical Therapist  
Physician (M.D. or D.O)  
Physician's Assistant  
Podiatrist  
Public Health Director  
Research Director  
Veterinarian

## Complementary Minors

Business, Chemistry, Computer Science, Criminal Justice, Environmental Science, Environmental Studies, Mathematics, Spanish, Psychology.

**Internships** are encouraged to complement theoretical knowledge with practical experience. Recent sites for these include the Lahey Clinic of Tufts University, Albany Medical College, the National Institute of Allergy and Infectious Diseases, and the Harvard Stem Cell Institute.

**Graduate School** Many careers in biology require post-graduate education including medical school. Recent placements include Cornell Veterinary College, Georgetown University School of Medicine and the Ph.D. program in Genetics & Molecular Biology at Emory University.

# Business Administration

Jason Lee, Ph.D., Department Chair

Elizabeth Purinton-Johnson, Ph.D., Department Chair

Carol Friedman, M.B.A., C.P.A., Department Chair

## School of Management

Lawrence G. Singleton, Ph.D., Dean

James D. Phillips, J.D., Ph.D., Associate Dean

Joanne H. Gavin, Ph.D., Associate Dean for Undergraduate Programs

Jean Theobald, MPS, Director of Undergraduate Advising and Student Services

**What is Business Administration?** Managers guide organizations - business, government, or non-profit – to the achievement of their goals. Managers have learned to plan, organize, direct, and control; they understand how people behave in organizations, and they understand the complexities of the global, legal, social, economic, and cultural environment which is the context for their organization. The Business Administration major provides a foundation in the four functional areas of management – marketing, human resources, finance, and operations – as well as opportunities to achieve greater depth in advanced courses in international business, human resource management, finance, marketing, economics, or accounting. The Bachelor of Science in Business Administration emphasizes the application of theoretical knowledge to the real-world decision-making that enhances business competitiveness. The School of Management offers a minor in Business Administration at the undergraduate level. At the graduate level, the Marist School of Management offers a Master of Business Administration degree program, a Master's in Public Administration and a Master's in Professional Accountancy.

## Skills and Interests

- Leadership and organizational ability.
- Communication and conceptual skills.
- Results orientation.

## Skills You Will Develop

- Knowledge of management functions.
- Managerial perspectives.
- Problem solving skills.
- Written and oral presentation skills.

## Career Opportunities

- **Entry-level Positions**
  - Account Executive
  - Customer Service Representative
  - Employment Recruiter
  - Financial Management Trainee
  - Human Resource Assistant
  - Loan Processor
  - Management Trainee
  - Marketing Representative
  - Project Assistant
- **Long Term Positions**
  - Chief Executive Officer
  - Chief Financial Officer
  - Chief Operations Officer

Controller

Executive Director (of a non-profit)

Export Broker

Marketing Director

Plant Manager

Project Leader

Sr. Vice President - Human Resources

Sr. Vice President – Marketing/Sales

## Complementary Minors

Accounting, Communication, Economics, English, Fashion Merchandising, History, Information Systems, Languages, Paralegal, Mathematics, Political Science, Public Administration.

**Internships** are strongly recommended, but not required. Marist offers a supervised internship program, both locally and internationally, which adds value to the student's education, and enhances readiness for employment after graduation.

**Graduate School** The MBA is recommended for upper level management positions. Most entering MBA students have 3-5 years of business experience. Law school is also an option.

# Chemistry and Biochemistry

Elisa Woolridge, Ph.D., Department Chair

School of Science

Alicia Slater, Ph.D., Dean

**What is Chemistry?** Chemistry, a major branch of the physical sciences, is the study of materials and the changes they undergo, and includes an examination of composition, properties, reactions and applications. The major branches of chemistry are inorganic, organic, analytical and physical chemistry, biochemistry, and materials science. Applications of chemistry include the production of fabrics, plastics and glass, paper, semiconductors, pharmaceuticals and exotic materials like superconductors; improvements in food production, metallurgy, the development of fuels and lubricants, environmental monitoring and protection, and the general area of health, medicine and safety. Chemical research touches every facet of modern life, including the chemical basis of life. The Bachelor of Science in Chemistry, Bachelor of Science in Chemistry with Biochemistry Emphasis, Bachelor of Arts in Chemistry and Bachelor of Arts in Biochemistry all lay a strong foundation for the chemistry major, providing entry to careers in medicine, industrial chemistry, research, education and government. A minor in Chemistry may also be earned. Marist's program meets the standards of the American Chemical Society.

## Helpful Skills and Interests

- Aptitude for accuracy and precision.
- Proficiency in reading, writing, problem solving, thinking and questioning.
- Strong mathematical background.
- A good imagination.

## Skills You Will Develop

- Knowledge of chemical principles, instrumentation and technology.
- Safe and professional laboratory practices and procedures.
- How to access and use data in problem solving.
- How to carry out original research and communicate scientific outcomes.
- Logical thinking.

## Career Opportunities

- **Entry-level Positions**
  - Chemistry Lab Technician
  - Chemistry Teacher
  - Consumer Protection
  - Food Technologist
  - Industrial Health Assistant
  - Patent Assistant
  - Pharmacy Assistant
  - Research Assistant
  - Science Teacher
  - Technical Writer

- **Long Term Positions**

- Chemical Engineer
- Chiropractor
- Dentist
- College/University Professor
- Forensic Scientist
- Lab Director
- Metallurgist
- Pharmacist
- Physician
- Research Director
- Senior Chemist/Biochemist
- Toxicologist

## Complementary Minors

Biology, Business, Criminal Justice, Computer Science, Education, English, Mathematics.

**Internships** are advisable to complement theoretical knowledge with practical experience.

**Graduate School** A master's degree is a minimum requirement for professional advancement and the Ph.D. is normally required for leadership and academic positions. The practice of medicine requires doctoral studies, and the doctorate in chemistry or chemical engineering is typically required for College/University Professorships, Laboratory and Project Directorships, and similar positions of responsibility.

# Communication

Jen Eden, Ph.D., Department Chair  
**School of Communication and the Arts**  
Carolyn Lepre, Ph.D., Dean

**What is Communication?** Communication is dynamic and ever-changing. It's the study of messages within the context of human relationships, communities, and institutions. Communication is fundamental to the generation of knowledge and the structure of our society. Our program gives you the opportunity to grow and develop as skilled communicator. You'll learn to understand, interpret, produce and critique information related to organizations, interpersonal contexts, media, and public culture – skills that will pay dividends long after graduation, regardless of your chosen career path. Our Bachelor of Arts in Communication has five concentration areas: advertising, public relations, communication studies, journalism, and sports communication. Students often minor in related fields. Communication majors have many opportunities to complete internships, including some while studying abroad.

## Helpful Skills and Interests

- Interest in developing skills in reading, writing, speaking.
- Interest in communication arts and media.
- Ability to analyze abstract concepts.

## Skills You Will Develop

- Skills in public, interpersonal, small group and business communication.
- Persuasive ability and writing skills.
- Knowledge of media production.

## Career Opportunities

- **Entry-level Positions**
  - Advertising Assistant
  - Customer Relations Representative
  - Editor/Proofreader
  - Guest Relations Assistant
  - Journalist/Reporter
  - Marketing Representative
  - Marketing Research Assistant
  - Media Planning Assistant
  - Public Opinion Interviewer
  - Public Relations Assistant
  - Promotions Assistant
- **Long Term Positions**
  - Advertising Executive
  - Broadcaster
  - College/University Professor

Creative Director  
Editor  
Foreign Correspondent  
News Bureau Chief  
Production Manager  
Programming Head  
Public Information Officer  
Research Director  
Sports Information Director  
Talent Agent

## Complementary Minors

Art, Business, Cinema Studies, English, Digital Video Production, Information Systems, Information Technology, Interactive Media, Global Studies, Political Science, Psychology.

**Internships** With careful planning, Marist students can complete more than one communication internship at local organizations or in New York City.

**Graduate School** Law, M.A., MBA or MPA degrees are common and qualify graduates to advance into many administrative and managerial positions. A Ph.D. is necessary for college teaching (Master's at many community colleges). Advanced technical and media training is also helpful.

# Computer Science

Matthew Johnson, MS, Department Chair  
School of Computer Science and Mathematics  
Roger Norton, Ph.D., Dean

**What is Computer Science?** The rapid spread of computers and computer-based technologies over the past two decades has generated a need for skilled, highly trained professionals to design and develop the hardware and software systems and to determine how to incorporate these advances into new or existing systems. Computer scientists conduct research, design computers, and discover and use principles of applying computers. Their jobs are distinguished by the higher level of theoretical expertise they apply to complex problems and innovative ideas for the application or creation of new technology. They work in such areas as hardware and language design, developing and advancing artificial intelligence, designing programming tools, knowledge-based systems or computer games. The Bachelor of Science in Computer Science is designed to provide students with a broad theoretical background. Students will have the option of declaring a concentration in software development or game design and programming. Students may also minor in Computer Science. Marist offers Master's level programs in Computer Science/Software Development, Technology Management, and Information Systems. A five-year B.S. /M.S. program is also available as well as an Advanced Certificate in Business Analytics.

## Beneficial Skills and Interests

- Interest in computers and technology.
- Mathematical and analytical ability.
- Organization and concentration.
- Ability to cope with constant change.

## Skills You Will Develop

- Broad theoretical understanding of computers and computer systems.
- Skills in problem solving and programming.
- Research techniques.
- Hardware and software expertise.

## Career Opportunities

- **Entry-level Positions**
  - Assistant System Developer
  - Computer Aided Designer
  - Computer Programmer
  - Consulting Programmer
  - Data Processing Auditor
  - Database Analyst
  - Document Specialist
  - Product Release Engineer
  - Programmer/Analyst
  - Sales/Marketing
  - Technical Writer

- **Long Term Positions**

- Artificial Intelligence Specialist
- CAD/CAM Designer
- College/University Professor
- Computer Systems Manager
- Database Administrator
- Data Entry Manager
- Media Center Manager
- Network Administrator
- Operations Manager
- Software Engineer
- Software Package Developer
- Systems Consultant

**Complementary Minors** Business Administration, Education, English, Communication, Information Systems, Information Technology, Mathematics.

**Internships** are strongly advised as an integral part of applying theoretical knowledge to the practical world.

**Graduate Study** Many students go on for a Master's Degree in Software Development or for advanced studies in Artificial Intelligence, Cybersecurity or Information Technology.

# Criminal Justice

Addrain S. Conyers, Ph.D., Department Chair  
**School of Social and Behavioral Sciences**  
Deborah Gatins, Ph.D., Dean

**What is Criminal Justice?** Criminal Justice explores all aspects of crime and its effects on society. The apprehension of suspects and the processing of criminal offenders through the legal and correctional systems, both in the United States and in various other countries around the world are discussed and analyzed. Social values and the relationship of law to the safety and protection of life and property are also a part of this discussion. Marist offers a Bachelor of Science in Criminal Justice and a minor.

## Helpful Skills and Interests

- Interest in law
- Interest in policing
- Interest in prisons
- Interest in public service

Private Security Investigator  
State Trooper  
Uniformed Court Officer  
Victim Advocate

## Skills You Will Develop

- Extensive knowledge of the criminal law, rehabilitation, and delinquency
- Gathering and analyzing statistics on crime, law enforcement and corrections.

- **Long Term Positions**

Attorney  
Corrections Supervisor  
Court Administrator  
Criminal Investigator  
Educator  
Forensic Psychologist  
Judge  
Penologist  
Police Supervisor: Administrator  
Prosecutor / Defense Attorney  
Public Official  
Security Director

## Career Opportunities

- **Entry-level Positions**  
Case Examiner  
Border Patrol Officer  
Case Manager  
Corrections Officer  
Court Reporter  
Customs Enforcement Agent  
Deputy Sheriff  
Drug Enforcement Agent  
Environmental Protection Agent  
Federal Agent  
Firefighter  
Investigator  
Immigration Officer  
Loss Prevention  
Military Officer Candidate  
Paralegal  
Police Officer  
Probation/Parole Officer

## Complementary Minors

Accounting, Communication, Computer Science, Data Analytics, Information Systems, Languages, Medical Technology, Political Science, Psychology, Public Administration, Social Work, Sociology.

**Internships** Students are required to complete six-credits of internship hours for the major requirements, which allows the student to experience practical criminal justice in a variety of agencies.

**Graduate School** Many students pursue a master's degree in criminal justice, forensic studies, police science or public administration. Law is also a common area of study.



# Cybersecurity

Matthew Johnson, MS, Department Chair  
**School of Computer Science and Mathematics**  
Roger Norton, Ph.D., Dean

**What is Cybersecurity?** The rapid spread of computers and computer-based technologies over the past two decades has generated a need for skilled, highly trained professionals to design, develop and implement the hardware, software and software systems related to computer security. The Bachelor of Science in Cybersecurity offers an advanced technology education for CS/ITS students interested in the application of information technology to improve the security of data processing, storage, and communication networks. Featuring topics include cryptography, cyberwarfare, ethical hacking, penetration testing, computer forensics, mobile and wireless security, and security design/management for databases, web commerce, cloud computing, and the Internet of Things. This program is especially appropriate for students who wish to assume leadership roles in cybersecurity innovation, either as industry professionals or as preparation for graduate study in this field. Developing an in-depth technical skill set in cybersecurity will help individuals looking to make themselves more marketable in an increasingly technology-dependent world. Individuals work in such areas as hardware, software, software systems, and developing and advancing artificial intelligence. Students may also minor in Cybersecurity and a Certificate in Cybersecurity is also available. Marist offers Master's level programs in Computer Science/Software Development, Technology Management, and Information Systems.

## Beneficial Skills and Interests

- Interest in computers and technology.
- Mathematical and analytical ability.
- Organization and concentration.
- Ability to cope with constant change.

## Skills You Will Develop

- Broad theoretical understanding of computers, computer systems and computer security.
- Skills in problem solving and programming.
- Research techniques.
- Hardware and software expertise.

## Career Opportunities

### • *Entry-level Positions*

Threat Analyst, Information Security Analyst, Network Security Analyst, Penetration Tester, Security Architect, Assistant System Developer, Computer Aided Designer, Computer Programmer Consulting, Data Processing Auditor, Database Analyst

### • *Long Term Positions*

Artificial Intelligence Specialist,  
College/University Professor  
Computer  
Chief Information Security  
Officer, IT Security Consultant,  
Forensic Computer Analyst  
Systems Manager Database  
Administrator, Security Systems  
Administrator  
Media Center Manager,  
Network Administrator,  
Operations Manager  
Software Engineer, IT  
Security Engineer

**Complementary Minors** Business Administration, Criminal Justice, Education, English, Communication, Information Systems, Information Technology, Mathematics.

**Internships** are strongly advised as an integral part of applying theoretical knowledge to the practical world.

**Graduate Study** Many students go on for a Master's Degree.



# Data Science & Analytics

Eitel Lauria, Ph.D., Program & Graduate Director  
**School of Computer Science and Mathematics**  
Roger Norton, Ph.D., Dean

**What is Data Science & Analytics?** Data Science is, in simple terms, the extraction of knowledge from data. Analytics is a sister term used mostly in business settings to refer to the analysis of business data to describe, predict, and improve business performance. A data scientist uses techniques and tools drawn from a broad set of disciplines to extract, transform and uncover hidden patterns in the data and elicit from them meaningful, actionable information. The field of data science has experienced an exponential growth over the past few years, with huge impacts on business, government, science, technology and academia. Organizations now understand that using that using data to build models to predict future events and behaviors is key to revolutionizing the way they compete, produce and innovate. Data science techniques are applied across domains such as business and finance, biological and health sciences, physical sciences, social sciences and humanities. In addition to the Bachelors of Science in Data Science and Analytics, Marist offers a Master's level program in Information Systems with a concentration in Business Analytics.

## Helpful Skills and Interests

- Interest in computers, technology
- Mathematical and analytical ability
- Organization and ability to focus
- Ability to cope with, and thrive on, change

## Skills You Will Develop

- Implement algorithms for data aggregation, cleaning, and analysis
- Manipulate large amounts of data and build models from the data which can be used to describe phenomena and make predictions on future occurrences and events.
- Explore data to identify its meaning and impact, and communicate data analysis findings with appropriate visualizations and graphical techniques
- Design, Build and Manage large, distributed data ("big data") systems

## Career Opportunities

- **Entry-level Positions**
  - Data Science Specialist
  - Assistant Market Analyst
  - Actuary
  - Budget Analyst
  - Computer Analyst
  - Software Developer
  - Credit Analyst
  - Financial Analyst
  - Mathematics Teacher

- **Long Term Positions**

- Data Scientist
- Project Manager
- College/University Professor
- Software Executive
- Information Architect
- Information Systems Manager
- Data Analyst
- Market Research Analyst
- Mathematician
- Statistician

## Complementary Minors

Business, Mathematics, Computer Science, Information Systems, Information Technology, Economics, Criminal Justice, Cognitive Science, Chemistry, Biology, Psychology, Political Science

## Internships

Marist students who plan ahead are encouraged to complete at least one data science related internship at a company or medical facility in the local area, in New York City or beyond.

**Graduate School** Marist offers a Master's level program in Information Systems (MSIS) with a concentration in Business Analytics. Given the momentum in data science and analytics colleges and universities across the country are rushing to create graduate programs to address the need. MS degrees in Data Science as well as MS degrees in Business Intelligence and Analytics are available across the country. A Ph.D. or equivalent terminal degree is necessary for a tenured college teaching position.

# Digital Media

Matt Frieburghaus, M.F.A., Department Chair  
**School of Communication and the Arts**  
Carolyn Lepre, Ph.D., Dean

**What is Digital Media?** Digital Media encompasses the wide-range of art and design media that is created with computers, from digital imaging to webpage design to 2D and 3D animation. The degree is designed to allow students the opportunity to explore the field of Digital Media under the guidance of recognized working artists, designers, and educators using industry standard software to complete creative and technically oriented assignments. It combines courses in the digital media with a balanced curriculum of studio art, art history, and liberal arts. The degree is flexible and can be tailored to individual student interests. Students can choose to enhance their studies with courses in Communication, Information Technology, and professional internships.

## Helpful Skills and Interests

- Creative ability.
- Interest in and appreciation for art and design.
- Interest in computers

## Skills You Will Develop

- Hands-on training in a wide range of new media using industry-standard software.
- Knowledge and skills in processes for creating art and design with computers.
- Keener artistic ability and appreciation.
- An understanding of the new media's heritage in the traditional media.

## Career Opportunities

- **Entry-level Positions**
  - Animation Assistant (2D and 3D, textures, backgrounds)
  - Corporate Designer
  - Corporate Multimedia Specialist
  - Digital Artist
  - Graphic Designer
  - Illustrator
  - Museum Exhibitions, Publications, and Signage Designer
  - Photographer (news, corporate, sports)
  - Web Designer
- **Long Term Positions**
  - 3D Modeler
  - Animator (2D, 3D, Digital Effects)

Advertising Designer  
Background Artist  
Book Designer  
Character Modeler or Animator  
Computer Game Designer  
Educational Media Designer  
Interactive Media producer  
Magazine Designer  
Newspaper Designer  
Packaging and Label Designer  
Storyboard Artist  
University or College Teacher

## Complementary Minors

Business, Communication, Computer Science, Information Technology, Studio Art, Photography.

**Internships** are not required but are encouraged in the junior or senior year. International Study is strongly encouraged at our branch campus in Florence, Italy and through short-term programs in France, Spain, the U.K., and Japan.

**Graduate School** A degree in digital media provides an excellent foundation for graduate studies, particularly, those that specialize in interactive media design, animation and game design.

# Economics

Carol Friedman, M.B.A., C.P.A. Department Chair

## School of Management

Lawrence G. Singleton, Ph.D., Dean

Joanne H. Gavin, Ph.D., Associate Dean for Undergraduate Programs

Jean Theobald, MPS, Director of Undergraduate Advising and Student Services

**What is Economics?** Economists study the underlying components of economic issues and problems including inflation, recession, poverty and unemployment. This investigation promotes research and reasoning based on economic theory and leads to alternative policy proposals that can ultimately shape society and increase economic growth. The major in economics provides a thorough grounding in macro and micro economics theory and the application of this theory in various areas, such as monetary, fiscal, labor, environmental, and international economics. This program prepares students for entry-level management positions in industry and government, as well as for graduate study in economics and business. Marist offers a Bachelor of Arts in Economics. A minor in Economics is also available.

### Helpful Skills and Interests

- An interest in economic problems.
- Ability to think quantitatively.
- Good reading comprehension.

Economist  
Environmental Policy Analyst  
Financial Analyst  
Foreign Service Officer  
Industrial Traffic Manager  
International Policy Researcher  
Health Policy Analyst  
Peace Corps Volunteer

### Skills You Will Develop

- Economic insight into contemporary problems.
- Analytical skills.
- Logical methods of viewing problems.
- Problem solving skills.

### Career Opportunities

- **Entry-level Positions**
  - Administrator
  - Business Analyst
  - Claims Representative
  - Market Research Analyst
  - Population Studies Analyst
  - Securities/Portfolio Analyst
  - Statistician
  - Teacher
  - Underwriter
  - Urban Affairs positions
- **Long Term Positions**
  - Actuary
  - College/University Professor

### Complementary Minors

Accounting, Business, Communication, Information Systems, Journalism, Mathematics, Philosophy, Political Science, Public Administration.

**Internships** are not required to complete the Economics major. However, they are advisable to assist in career decision making and to acquire work place skills.

**Graduate School** Many economics majors pursue advanced degrees in related areas such as Business and Law. Public Administration is also a popular choice. The Master's degree is rapidly becoming a requirement for positions in both government and industry.

# Education

## (Childhood/Students with Disabilities, Grades 1-6)

Jennifer Powers, Director of Clinical Teacher Preparation and Certification

Kari Morrison, Coordinator of Clinical Teacher Preparation

### **School of Social and Behavioral Sciences**

Deborah Gatins, Ph.D., Dean

Edward J. Sullivan, Ed.D., Associate Dean

**What is Education (Childhood/Students with Disabilities)?** Education concerns itself with the intellectual, social, cultural and psychological development of children and adults both in and out of the classroom. It is the study of how people learn and develop knowledge and how teachers teach. Education and its delivery to various and diverse populations have a substantial impact on the development of societies and the success of individuals and groups. On the undergraduate level, Marist offers a dual certification program in Childhood Education (1-6) and Students with Disabilities (1-6) combined with a major in Psychology leading to the initial certificate. On the graduate level, the Education Department offers a Master of Arts in Educational Psychology for NYS Professional Certification. Marist also offers a Five Year Master of Arts in Educational Psychology where students take graduate courses beginning in spring of their junior year. In 2018-19, it is anticipated that a Birth-Grade 2 (B-2) certification program will be available. This B-2 program will require the student to complete an additional three courses.

### **Helpful Skills and Interests**

- Strong interest in children and learning
- Patience, creativity, sense of humor
- Good interpersonal skills
- Organization and planning ability

### **Skills You Will Develop**

- Educational methods and psychological and social foundations of learning
- Classroom management skills
- Knowledge of statistics and research methodologies
- Subject area skills and knowledge

### **Career Opportunities**

- Classroom Teacher
- Childhood Teacher (Elementary & Special Ed)
- Corporate Trainer
- Editorial Assistant/Proofreader
- Education Advocate
- Literacy Worker
- Peace Corps Volunteer
- Resource Room
- Learning Disabilities
- Textbook Sales Representative

### **Future Opportunities**

- College/University Professor
- Daycare Center Director

- Department Chairperson
- Education Agency Administrator
- Educational Consultant
- Educational Media Specialist
- Guidance Counselor
- Learning Disabilities Specialist
- Learning Skills Center Director
- School Administrator
- School Psychologist
- Special Education Director

### **Complementary Minors**

There is little room for a minor. If interested, see an advisor.

**Internships** A full semester of student teaching is required during the final year of the program.

**Graduate School** To obtain professional teacher certification, a related master's degree must be completed within a specified period of time. Advanced degrees allow teachers to specialize or move into administrative areas. Popular choices are programs in educational psychology, reading, speech pathology, and administration.

# Education

## (Adolescence Education, Grades 7-12)

Jennifer Powers, Director of Clinical Teacher Preparation and Certification  
Kari Morrison, Coordinator of Clinical Teacher Preparation

### **School of Social and Behavioral Sciences**

Deborah Gatins, Ph.D., Dean  
Edward J. Sullivan, Ed.D., Associate Dean

**What is Education (Adolescence Education)?** Education concerns itself with the intellectual, social, cultural and psychological development of children and adults both in and out of the classroom. It is the study of how people learn and develop knowledge and how teachers teach. Education and its delivery to various and diverse populations have a substantial impact on the development of societies and the success of individuals and groups. On the undergraduate level, Marist offers an Adolescence Education Certification Program combined with a subject area major (Biology, Chemistry, English, French, Mathematics, Social Studies, and Spanish), leading to an initial certificate. Marist has applied to the New York State Education Department for authorization to implement a dual degree (BA/BS and Master of Arts in Teaching program that will lead to dual certification in one of the seven content areas previously noted, and students with disabilities (both grades 7-12) This program is expected to be introduced in fall 2018.

### **Helpful Skills and Interests**

- Strong interest in young adults and learning
- Patience, creativity, sense of humor
- Good interpersonal skills
- Organization and planning ability
- Writing, presentation, technology

Education Agency Administrator  
Educational Consultant  
Educational Media Specialist  
Guidance Counselor  
Learning Disabilities Specialist  
Learning Skills Center Director  
School Administrator  
School Psychologist  
Special Education Director

### **Skills You Will Develop**

- Educational methods and psychological and social foundations of learning
- Classroom management skills
- Knowledge of research methodologies and use of data to make informed instructional decisions
- Subject area skills and knowledge

### **Complementary Minors**

Adolescence Education candidates do occasionally choose a minor complementary to their content area of study. If interested, see an advisor.

### **Career Opportunities**

- **Entry-level Positions**
  - Classroom Teacher (MS/HS)
  - Corporate Trainer
  - Editorial Assistant/Proofreader
  - Education Advocate
  - Literacy Worker
  - Peace Corps Volunteer
  - Textbook Sales Representative
- **Long Term Positions**
  - College/University Professor
  - Daycare Center Director
  - Department Chairperson

**Internships** A full semester of full-time student teaching is required during the final year of the program.

**Graduate School** To obtain professional teacher certification, a related master's degree must be completed within a specified period of time. This requirement is what makes the proposed BA-BS/MAT dual certification program functional and attractive. A student may pursue another advanced degree to specialize or move into administrative areas. Popular choices are programs in reading, speech pathology, school psychology and administration.

# Education

## (Adolescence Education Content Area plus Students with Disabilities, Both Grades 7-12)

Jennifer Powers, Director of Clinical Teacher Preparation and Certification

Kari Morrison, Coordinator of Clinical Teacher Preparation

### School of Social and Behavioral Sciences

Deborah Gatins, Ph.D., Dean

Edward J. Sullivan, Ed.D., Associate Dean

**What is Education (Adolescence Education)?** Education concerns itself with the intellectual, social, cultural and psychological development of children and adults both in and out of the classroom. It is the study of how people learn and develop knowledge and how teachers teach. Education and its delivery to various and diverse populations have a substantial impact on the development of societies and the success of individuals and groups. On the undergraduate level, Marist offers a Five Year BA/BS and Master of Arts in Teaching (MAT) Adolescence Education Certification Program in Biology, Chemistry, English, French, Mathematics, Social Studies, and Spanish). This dual degree (BA/BS and Master of Arts in Teaching) program leads to New York State dual certification in one of the seven content areas previously noted, and students with disabilities (both grades 7-12).

### Helpful Skills and Interests

- Strong interest in young adults and learning
- Patience, creativity, sense of humor
- Good interpersonal skills
- Organization and planning ability

### Skills You Will Develop

- Educational methods and psychological and social foundations of learning
- Classroom management skills
- Knowledge of research methodologies and use of data to make informed instructional decisions
- Subject area skills and knowledge

### Career Opportunities

- Classroom Teacher (MS/HS)
- Special Education Teacher
- Editorial Assistant/Proofreader
- Corporate Trainer
- Education Advocate
- Literacy Worker
- Peace Corps Volunteer
- Educational material sales

### Future Opportunities

- College/University Professor
- Daycare Center Director
- Department Chairperson
- Education Agency Administrator

- Educational Consultant
- Educational Media Specialist
- Guidance Counselor
- Learning Disabilities Specialist
- Learning Skills Center Director
- School Administrator
- School Psychologist
- Special Education Director

### Complementary Minors

There is little room for a minor. If interested, see an advisor.

**Internships** A full semester of student teaching is required during the final year of the program.

**Graduate School** This Five Year Program requirement is what makes the BA-BS/MAT dual certification program functional and attractive. A student may pursue another advanced degree to specialize or move into administrative areas. Popular choices are programs in reading, speech pathology, school psychology and administration.



# English

Eileen Curley, Ph.D., Department Chair

**School of Liberal Arts**

Martin Shaffer, Ph.D., Dean

**What is English?** The focus of English is language and storytelling: written, spoken and performed. The study of English helps students to think critically, to write effectively, and to appreciate and analyze literature. In workshops, students create and revise works, with a focus on mastering styles and effectively reaching their intended audience. In literature courses, students study how to critically evaluate the written word in all genres. Throughout the major, students work to express their ideas and analysis with coherence and precision. A major in English prepares students to work effectively in careers which value strong analysis, clear communication, and creative approaches to problem solving. The Bachelor of Arts in English offers three concentrations: Literature, Theatre, and Writing. Students may pursue studies in education that lead to a certification in adolescent education. Minors in Creative Writing, Literature, Professional Writing and Theatre are also available.

## Beneficial Skills and Interests

- An interest in literature, writing or theatre
- An interest in storytelling, communication or the arts
- An interest in analysis and creativity

## Skills You Will Develop

- Ability to read articulately and analytically.
- Ability to think critically and independently.
- Ability to write effectively for many purposes.
- Comprehensive command of grammar and vocabulary.
- An understanding of a variety of literary and performance texts.

## Career Opportunities

- **Entry-level**
  - Actor
  - Advertising Assistant
  - Copywriter
  - Designer
  - Editorial Assistant
  - English Teacher
  - Freelance Writer
  - Library Assistant
  - Marketing
  - Proofreader
  - Public Relations Assistant
  - Reporter
  - Sales Representative
  - Social Media Assistant
  - Technical Writer
  - Theatre Practitioner

(In addition, entry-level positions in business and industry that value critical thinking, independence, organization and communication skills.)

- **Long Term Positions**

Author/Playwright  
Bookstore Manager/Owner  
College/University Professor  
Editor  
Government Positions  
Grant Writer  
Journalist/Columnist  
Lawyer  
Librarian/Media Specialist  
Press Agent  
Publisher  
Reading Specialist/Consultant  
Script/Speech Writer  
Television Writer  
Theatrical Agent/Director  
Writer/Author

## Complementary Minors

Communication, Education, History, Information Technology/Systems, Journalism, Languages, Paralegal, Political Science, Psychology.

**Internships** offering the opportunity to gain practical experience are available and strongly recommended.

**Graduate School** Graduate study generally enhance opportunities for advancement. Advanced study options include the Master's in Fine Arts for writers and the Ph.D. for those interested in literary criticism.



# Environmental Science & Policy

Zofia Gagnon, Ph.D., Department Chair

**School of Science**

Alicia Slater, Ph.D., Dean

**What is Environmental Science?** Environmental science is essentially an extension of ecology - the study of relationships between organisms and the environment. It focuses on how humanity affects the interactions between living organisms and their relationships to the nonliving world. At Marist College, the Bachelor of Science in Environmental Science & Policy offers concentrations in science, policy and environmental assessment. In all three options, the program stresses an interdisciplinary approach to understanding the complexity of current and future environmental problems confronting the human species. This major prepares students for careers in environmental science labs, government agencies, consulting firms, non-profit and advocacy organizations. Three different minors are also offered.

## Helpful Skills and Interests

- Concern for the environment.
- Proficiency in reading, writing, problem solving, thinking and questioning.
- Science preparatory courses.

## Skills You Will Develop

- Foundation in the natural sciences.
- Acquisition of laboratory and field skills.
- Knowledge of public policy concerning environmental issues.

## Career Opportunities

- **Entry-level Positions**
  - Compliance Monitor
  - Environmental Educator
  - Environmental Protection Advocate
  - Regulatory Affairs Technician
  - Laboratory Assistant
  - Legislative Assistant
  - Lobbyist
  - Park Ranger
  - Public Affairs Assistant
  - Environmental Science Teacher
  - Sampling Technician
  - Research Assistant
  - Wildlife Biologist

- **Long Term Positions**

- Air and Radiation Expert
- College/University Professor
- Emergency Response Coordinator
- Environmental Agency Administrator
- Environmental Lawyer
- Fisheries Biologist
- Forester
- Oceanographer
- Soil and Water Conservationist
- Toxic Waste Manager
- Wildlife Manager
- Research and Development Director
- Urban Planner
- Water Resource Specialist

## Complementary Minors

Biology, Business, Education, Foreign Language, Journalism, Paralegal, Political Science, Public Administration, Writing.

**Internships** Students must choose either an internship or a faculty-supervised research project to obtain workplace or research experience.

**Graduate School** Students typically pursue master's degrees in scientific research, natural resource planning, environmental planning and policy. Doctoral study in scientific research, natural resource management and law is common.

# Fashion Design & Merchandising

Radley Cramer, B.S., Program Director  
School of Communication and the Arts  
Carolyn Lepre, Ph.D., Dean

**What is Fashion?** The fashion industry today is worldwide, vast and complex. It deals with the design, production and distribution of apparel and accessories, as well as products for the home. It includes the textiles and other materials used in making finished products. Marist offers a Bachelor of Fine Arts in Fashion Design and a Bachelor of Science in Fashion Merchandising with a choice of concentrations in Business, Product Development or Fashion Promotion. Minors include Merchandising or Product Development. The fashion program helps students develop the creative, technical and business skills that position them for successful employment in this exciting field.

## Helpful Skills and Interests

- Ability to draw/design.
- Creativity and the ability to generate ideas.
- Interest in design, merchandising or retail management.
- Strong communication skills.
- Problem-solving skills.
- Analytical ability.

## Skills You Will Develop:

- Extensive knowledge of the fashion industry.
- Skills in design and construction of garments (design).
- Skills in business management (merchandising).
- Computer knowledge; research techniques.

## Career Opportunities

- **Entry-level Positions**
  - Allocator
  - Assistant Designer
  - Assistant Stylist
  - Buyer Trainee
  - Production Assistant
  - Sales Representative
  - Showroom Salesperson
  - Sketcher
  - Store Management Trainee
  - Visual Trainee

- **Long Term Positions**

Account Executive  
Apparel Production Manager  
Buyer  
Corporate Merchandise Manager  
Fashion Coordinator  
Fashion Illustrator  
Head Designer  
Merchandiser  
Piece Goods Buyer  
Planner  
Product Development Manager  
Retail Department Manager  
Sales Manager  
Store Manager  
Technical Designer  
Textile Designer  
Visual Merchandiser

## Complementary Minors

Advertising, Art, Business, Communication, Languages, Product Development, Public Relations.

**Internships** are strongly recommended to gain practical experience.

**Graduate School** A master's degree in design or merchandising, when combined with industry experience, help position a person for advancement and higher salaries. An MBA is also an option.

# Games and Emerging Media

Karen Schrier, Ed.D., Director of Games and Emerging Media  
School of Communications and the Arts- Carolyn Lepre, Ph.D., Dean  
School of Computer Science and Mathematics- Roger Norton, Ph.D., Dean

**What is Games and Emerging Media?** Games are interactive, involve goals and rules, and are an integral part of human culture. This major focuses on the design, development, writing, and culture of games. This includes the technical aspects of game development, but also the artistic, humanistic, and social aspects of gaming. In addition, we study and design emerging forms of media—from virtual reality to mobile apps—as well as media that have yet to be imagined. The Bachelor of Science in Games and Emerging Media has two concentration areas: (1) Technical Programming & Development and (2) Design, Writing, & Culture. The technical concentration focuses on the programming and development of games and related software. The design concentration focuses on game design, game art and animation, and user experience design, as well as studying games from humanities and social science perspectives. Students spend their final year working in teams to develop a portfolio of games and other media. Students also have the opportunity to join the Play Innovation Lab and work on games, research, and other projects.

## Helpful Skills and Interests

- Interest in developing skills in design, writing, speaking, production, and/or programming.
- Interest in games and media.
- Ability to think creatively.

## Skills You Will Develop

- Skills in teamwork, interpersonal and public communication, research, and writing.
- Skills in game and media production, software development and programming, animation, and game design.
- Knowledge of games, gaming industry, game business, and game careers.

## Career Opportunities

- **Entry-level Positions**
  - Jr./Assistant Game Designer
  - Jr./Assistant Game Programmer
  - Quality Assurance (QA) Tester
  - Game Analyst
  - Jr./Assistant Game Producer
  - Jr./Assistant Project Manager
  - Jr./Assistant Software Developer
  - Jr./Assistant User Experience Designer
  - Jr./Assistant Interface Designer
  - Jr./Assistant Game Writer
  - Jr./Assistant Animator
  - Jr./Assistant Game Artist
- **Long Term Positions**
  - Creative Director
  - Game Designer/Design Lead

Manager/Producer/Executive  
Game Programmer  
User Experience Designer  
UI/UX Designer/Producer  
Game Executive and  
Game Writer/Editor  
Game Research Analyst  
Game/Media Director  
Information Architect  
Narrative Designer and Data Analyst  
Interaction Designer  
Game Journalist  
Sound Engineer/Game Audio  
Jobs of the Future!

## Complementary Minors

Almost anything can complement this major. Art, Business, Cinema Studies, Cognitive Science, Computer Science, Creative Writing, Digital Media, English, Digital Video, History, Information Systems, Interactive Media, Political Science, Psychology.

**Internships** Marist students who plan ahead are encouraged to complete at least one games-related internship at a local company, in New York City, or beyond.

**Graduate School** M.A., MBA, M.S. and M.F.A. are common degrees and qualify graduates to advance into many managerial and design positions. A Ph.D. or equivalent terminal degree is necessary for college teaching. However, we do not recommend advanced studies until graduates gain significant experience in the industry.

# History

Nicholas Marshall, Ph.D., Department Chair

**School of Liberal Arts**

Martin Shaffer, Ph.D., Dean

**What is History?** The purpose of studying history is to enable students to make sense of the world they are inheriting. In order to do this, they must be grounded in their own historical experience, which should be placed within an emerging international context. In addition, students should recognize the ongoing tensions over the nature of identity: racial, ethnic, national, and global. History majors will be exposed to a broad spectrum of geographical regions and time periods. The Bachelor of Arts in History at Marist also offers a concentration in public history, a growing profession. This concentration introduces students to the various applications of historical research and interpretation that happen outside the classroom. Museums, libraries, archives, corporations, and cultural institutions employ public historians to manage resources. Students interested in this concentration should contact Dr. Steven Garabedian.

## Beneficial Skills and Interests

- Interest in the past events of the world
- Ability to interpret data
- Reading, writing and research skills

## Skills You Will Develop

- An understanding of the growth and development of the world.
- Historical insight in specialized areas.
- Strong analytical and communication skills.
- A thorough grounding in research techniques and methods

## Career Opportunities

- **Entry-level Positions**
  - Curator's Assistant
  - Editorial Assistant
  - Foreign Exchange Assistant
  - Library Assistant
  - Museum Employee
  - Patents Clerk
  - Paralegal
  - Peace Corps Volunteer
  - Reporter
  - Research Assistant
  - Sales/Marketing
  - Technical Writer

- **Long Term Positions**

Archivist  
Business Careers  
College Professor  
Computer Analyst  
Curator  
Foreign News Correspondent  
Foreign Service Officer  
Genealogist  
High School or Middle School Teacher  
Historian  
Journalist  
Lawyer  
Public Administrator

## Complementary Minors

American Studies, Business, Communications, Education, Journalism, Languages, Latin American/Caribbean Studies, Global Studies, Political Science, Philosophy, African Diaspora Studies, Women's Studies

**Internships** are required in the Public History concentration and are advisable for all majors to gain practical skills.

**Graduate School** Advanced degrees in law, education, business and public administration are common. While other students have pursued the Ph.D. to deepen their mastery of specific eras and/or regions.

# Information Technology & Systems

Matthew Johnson, MS, Department Chair  
School of Computer Science and Mathematics  
Roger Norton, Ph.D., Dean

**What is Information Technology & Systems?** Information Technology & Systems (ITS) is an exciting major that combines the best of Information Systems and Information Technology. It is the application of computer and communication science to the enhancement of performance in a wide range of human endeavors. This major provides seamless integration of computer science and business basics with the latest developments in the revolutionary field of information and technology. ITS leads to a career in solving problems by applying information technology to meet needs in organizations such as government, education, business/industry, technology, pharmaceuticals, aeronautics, health care, sports, human services and many more. In ITS you will develop expertise in state of the art information technology to empower others in e-Commerce, networking, computer fundamentals, learning organizations, business intelligence, database and information management. You will apply a systems approach in problem solving, engage in collaborative learning experiences and work in teams on multiple projects. Salaries in this field are generally lucrative. The Bachelor of Science degree in Information Technology & Systems provides two concentrations: the IT track focuses primarily on networking and web technologies while the IS track focuses on the development of information systems for business use. The first four semesters are identical with concentration specific courses taken during the last four semesters. The Master's Program in Information Systems and a five-year B.S. /M.S. program are also available.

## Beneficial Skills and Interests

- Interest in people and their jobs.
- Interest in computers and technology.
- Mathematical and analytical ability.
- Organization and concentration.
- Interest in exciting new developments.

## Skills You Will Develop

- Understanding of computers and their application in organizational settings systems. Systems experience
- Problem solving and analysis.
- Planning, developing and managing computer resources.

## Career Opportunities

- **Entry-level Positions**
  - Assistant Developer
  - Computer Project Analyst
  - Consulting Programmer
  - Database Analyst
  - Designer Engineer
  - Digital Hardware Technician
  - Electronic Data Analyst
  - Office Automation Operator
  - Programmer/Analyst
  - Records Management Analyst
  - Systems Analyst
  - Technical Support Specialist
  - Telecommunication Engineer
  - Network Systems Technologist

System Programmer/Designer Sales/Marketing  
Technical Writer  
Technical Support Specialist

- **Long Term Positions**

Business Analyst  
College/University Professor  
Computer Applications Engineer  
Computer Systems Manager  
Database Administrator  
Data Quality Manager  
Information Technology Engineer  
Information Scientist  
Media Center Manager  
Network Administrator  
Operations Research Manager  
Project Manager  
Systems Consultant  
Technical Support Administrator

**Complementary Minors** Business Administration, Computer Science, English, Mathematics, Philosophy.

**Internships** are an integral part of applying theoretical knowledge to the practical world. On and off campus internships are available.

**Graduate Study** Many students go on for a Master's degree in Information Systems, Information Technology, Computer Science or the Advanced Certificate in Business Analytics.

# Languages

Claire Keith, Ph.D., Department Chair  
**School of Liberal Arts**  
Martin Shaffer, Ph.D., Dean

**Why Study Languages?** Language is at the core of human experience, and the ability to communicate efficiently and sensitively in another language with people of different backgrounds will boost professional advancement in any career. Knowledge of world languages is vital to effectively engage in 21st century global challenges by better understanding multiple cultural contexts. For example, recent surveys indicate that more than 80 agencies of the federal government rely on professionals with intermediate to high-level competence in languages other than English. Multinational corporations and nongovernmental organizations need people with world language abilities. Competition in global markets means that increasingly more businesses work in other countries. These companies need employees who can communicate with and understand other cultures. Learning a new language will increase your critical thinking skills and improve your chances for professional success. Proficiency in another language will also increase your chances of obtaining a prestigious scholarship, such as the Fulbright Scholarship or the Benjamin A. Gilman International Scholarship. However, learning a language is also about expanding your personal horizons. Learning a language goes beyond knowledge of pronunciation, grammar and vocabulary; it is about learning to see the world as another culture sees it. It is also about learning to see your own culture from a new perspective. The Department of Modern Languages and Cultures offers close and personalized advising to help its students customize their preparation for the future. We offer three majors in French, Italian and Spanish with interdisciplinary options, as well as courses in Arabic, Chinese, German, and Japanese to support other disciplines and to broaden your career opportunities in key areas of domestic and international service where knowledge of a world language will enhance your expertise. The department particularly encourages all language students to consider a program of study abroad. Above all, the Modern Languages and Cultures Department is dedicated to the principle that the most important outcome of a modern language education is greater self-awareness and an increased understanding of the global community.

## Skills You Will Develop

- Command of oral and written language
- Good listening/clarifying/ responding skills
- Critical Thinking
- Knowledge of other cultures
- Higher achievement on standardized tests
- Improved verbal and spatial abilities

## Career Opportunities

Advertiser for Ethnic or Foreign Markets  
Airport Personnel  
Agent/Staff in U.S. offices (CIA, Customs, FBI, Homeland Security, Naturalization Services, Postal Service)  
Court Interpreter/Translator  
Editor/ Copy editor  
Educator (specializing in foreign language, bilingual education, English as a second language)  
Film Production and Entertainment Media  
Foreign News Correspondent/Photographer  
Foreign Service (officers in U.S. embassies, consulates, and other diplomatic missions)  
Hospitality Specialist (managerial or other positions in hotels, restaurants, entertainment venues)  
Import/Export Trade Specialist  
International Attorney  
International Banking  
International Education (programs abroad)

International Marketing/Overseas Sales Representative  
Interpreter  
Linguist  
Peace Corps/VISTA Volunteer  
Publisher  
School Administrator or Counselor  
Social Worker  
Technical Writer  
Textbook Representative/Sales  
Translator of Documents, Books, Articles, Technical Instructions  
Travel Agent  
Tourist Guide  
U.S. Representative for Overseas Companies

## Complementary Minors

Business, Communications, English, Fashion, Global Studies, History, Journalism, Latin American and Caribbean Studies, Paralegal, Political Science, Psychology, Public Relations, Social Work and Women's Studies, among others.

**Internships** with an international organization or in a foreign country are advised. Marist Abroad offers numerous opportunities.

**Graduate School** Students pursue masters and doctoral degrees in language study, linguistics, world culture, literature. An MBA in International Business will assist those interested in corporate settings.



# Mathematics

Joseph Kirtland, Ph.D., Department Chair  
**School of Computer Science and Mathematics**  
Roger Norton, Ph.D., Dean

**What is Mathematics?** Mathematics is the study of quantitative relationships expressed in numbers and symbols. It focuses on mathematical concepts and theories and involves their formulation, testing, interpretation, and practical application. Mathematics is usually referred to as either pure (more theoretical and abstract) or applied (more practical and visible problem solving). Major branches include algebra, geometry, discrete mathematics, calculus, probability and statistics. More simply stated, mathematicians are problem solvers and a degree in mathematics indicates an ability to tackle quantitative challenges. The Bachelor of Arts in Mathematics at Marist offers a solid grounding in the ideas and techniques of mathematics. The Mathematics major at Marist combines the traditional focus of liberal arts education with modern technology to develop skills in quantitative reasoning and deductive thinking that can be applied in business, industry, and science. Students interested in teaching mathematics can prepare for certification in secondary education. The Mathematics Department also offers a Bachelor of Science in Applied Mathematics with an additional focus on technology, methods, and topics in the areas of Chemistry, Biology, Computer Science or Actuarial Science. A minor in Mathematics is also available.

## Beneficial Skills and Interests

- Interest in problem solving.
- High School algebra, geometry and trigonometry.
- Ability to think critically.

## Skills You Will Develop

- Strong mathematical foundation applicable to many fields.
- The ability to think analytically and make sound quantitative deductions.
- Ability to organize, analyze and interpret numerical data.

## Career Opportunities

- **Entry-level Positions**
  - Actuary
  - Business Analyst
  - Computer Programmer
  - Data Analyst
  - Financial Analyst
  - Informatics Analyst
  - Mathematics Teacher
  - Operations Research Analyst
  - Statistician
  - Software Developer
  - Systems Analyst

- **Long Term Positions**

- Actuarial Fellow
- Applied Mathematician
- College/University Professor
- Cryptologist
- Database Manager
- Data Scientist
- Portfolio Analyst
- Quality Control Engineer
- Quantitative Analytics Professional
- Research Mathematician
- Senior Analyst

## Complementary Minors

Economics, Computer Science, Data Science and Analytics, Business, Biology, Chemistry, Information Systems, Philosophy.

**Internships** Summer internships, where students gain experience applying quantitative skills to solve real-world problems, and summer research opportunities, where students work on mathematical research projects, are widely available and highly encouraged.

**Graduate School** A master's degree is required for permanent teacher certification. Choices for master's and doctoral degrees include statistics, mathematics or applied mathematics and are required for some long-term positions.



# Media Studies and Production

Sue Lawrence, Ph.D., Chair of Media Arts  
**School of Communication and the Arts**  
Carolyn Lepre, Ph.D., Dean

**What is Media Studies and Production?** Media Studies and Production is an exciting new major that offers a wide range of opportunities for students interested in studying media history and theory, and in creating digital films, television programs, interactive media experiences, and game content. This degree helps students develop the strong analytical and production skills that are required for internships and entry-level positions with media companies. The two concentrations in this major are Film and Television, and Interactive Media and Game Design.

## Helpful Skills and Interests

- Interest in developing skills in writing and production
- Interest in working for the media industry
- Ability to create media content

## Skills You Will Develop

- Skills in writing for media, digital production, and content development
- Research, aesthetics, and persuasive skills
- Knowledge of media production

## Career Opportunities

### • *Entry-level Positions*

Assistant Video Game Producer / Designer  
Copywriter  
Jr. Designer / User Experience Designer  
Jr. / Assistant Media Producer / Designer  
Editor  
Sound designer  
Cinematographer  
Director  
Assistant Producer  
Film, TV, or game critic  
Production Assistant  
Program Researcher  
Video Graphics Specialist  
Web Designer

### • *Long Term Positions*

Broadcaster  
Creative Director  
Designer / User Experience Designer  
Director of Photography  
Editor  
Film Maker  
Media Director  
Media Producer / Sr. Media Producer  
Programming Head  
Talent Agent  
Screenwriter  
TV Series Writer / Producer  
Video Game Designer  
Webmaster

## Complementary Minors

Advertising, Business, Computer Science, English, Games and Emerging Media, Information Systems, Information Technology, Global Studies, Journalism, Political Science, Psychology, Public Relations, and Sports Communications.

**Internships** With careful planning, Marist students can complete more than one communication internship at local organizations or in New York City.

# Medical Technology/Medical Laboratory Sciences

Terrance Paskell, M.A., MLS (ASCP), Department Chair

School of Science

Alicia Slater, Ph.D., Dean

**What is Medical Technology?** Medical Technologists, or Medical Laboratory Scientists, play a vital role in healthcare, performing laboratory testing on blood and body fluids that physicians use to detect, diagnose, and treat diseases. Medical technologists identify infections by doing microbiology studies on material collected from infected body sites (Clinical Microbiology). They detect blood dyscrasias, like leukemia and anemia, through cell counting and microscopic analysis (Hematology). They perform the immunology studies needed for blood transfusion (Clinical Immunohematology) and determine the concentration of numerous blood analytes like glucose, cholesterol and calcium (Clinical Chemistry). The Marist Medical Technology Program is accredited by the National Accrediting Agency for Clinical Laboratory Scientists and New York State licensure eligible. Students complete internships at local medical laboratories which provide them with marketable skills directly upon graduation. There is currently a national shortage of medical laboratory professionals and career options in medical technology are extensive. Graduates find positions in hospitals, private medical laboratories and state health departments as well as in research, technical service and marketing areas of medical products industries. Many continue their education in graduate and professional schools. Medical Technology is an excellent major for those with a combined interest in biology, medicine and laboratory science who want exciting employment opportunities as soon as they graduate!

## Helpful Skills and Interests

- An interest in medicine.
- An interest in helping others.
- Success with high school science courses.
- Ability to concentrate and problem solve.

## Skills You Will Develop

- Ability to perform laboratory tests.
- Proficiency in analyzing laboratory data.
- Ability to make critical decisions about laboratory results.

## Career Opportunities

- **Entry-level Positions**
  - Blood Bank Technologist
  - Chemistry Technologist
  - Hematology Technologist
  - Medical Technologist-General
  - Microbiology Technologist
  - Quality Control Technologist
  - Research Technologist
- **Long Term Positions**
  - College/University Professor
  - Computer Information Systems Specialist
  - Consultation Services Technologist

Department Supervisor  
Epidemiologist  
Forensic Technologist  
Laboratory Manager  
Marketing Specialist  
Research Director  
Senior Research Technologist  
Technical Service Representative

## Complementary Minors

Biology

## Internships

Students spend six months in an affiliated medical laboratory studying diagnostic testing with professional medical technologists.

## Graduate School

M.S. – Physician Assistant  
M.S. – Pathologist's Assistant  
M.S./Ph.D. or Professional School Degrees:  
Graduate Programs in Science, Public Health, Computer Science or Business, Professional Schools (Medical/Osteopathic, Dental, Veterinary, Optometry, Podiatry, Law, etc.)

# Philosophy

Georganna Ulary, Ph.D., Department Chair

**School of Liberal Arts**

Martin Shaffer, Ph.D., Dean

**What is Philosophy?** Philosophy wants to know the answers to the deepest questions that we can ask. What is reality? (Metaphysics) How do I get to know what it is like? (Theory of knowledge or Epistemology) What should I do here? (Ethics) How should we human beings live together? (Political Philosophy) Why would I feel empty without music or film or painting or some other form of art to enjoy? Why—wherever and whenever my fellow human beings exist – do they always produce it? (Philosophy of Art or Aesthetics). Within the Philosophy major, there is also an available concentration in Religious studies.

## Helpful Skills and Interests

- Interest in getting to the root of things.
- Interest in being logical, clear and coherent
- Interest in “seeing the broad picture”.

## Skills and Knowledge You Will Acquire

- Critical thinking.
- Thinking in terms of fundamentals and essentials.
- Reading with penetration and greater comprehension.
- Writing coherently and persuasively
- Communicating effectively
- How philosophy developed over time.
- Appreciate the influence that great philosophers have had on civilization.
- Ability “to see the broad picture”.

## Career Opportunities

- **Entry-level Positions**
  - The Arts
  - Business
  - Government Service
  - Health Professions
  - Public Relations
  - Communications
  - Teaching, Pre-College
  - Technical Writing

- **Long Term Positions**

- College or University Professor
- College President
- College Vice-President
- Academic Dean
- The Arts
- Business
- Computer Science
- Government Service
- Journalism
- Communications
- Lawyer
- Judge
- The Ministry
- Social Work

## Complementary Minors

History, English, Political Science, Business, Pre-Law, Communications, Science, Art, Religious Studies, Mathematics, Criminal Justice, Psychology, Sociology and Social Work. Most disciplines pair well with the Philosophy Major

## Graduate School

An M.A. or a Ph.D. is necessary or desirable for most of the long-term positions listed. The study of Philosophy also provides a sturdy foundation for advanced studies in law or divinity.

# Political Science

JoAnne Myers, Ph.D., Department Chair

**School of Liberal Arts**

Martin Shaffer, Ph.D., Dean

**What is Political Science?** Political Science, the critical study of politics and government, addresses the question: “Who gets what, when and how?” The discipline’s key concept is “power”. Major sub-branches include political theory, public policy and administration, American politics, comparative government and international relations. Faculty combine theory and practice to provide students with a better understanding of political parties, interest groups, campaigns, law, justice and international relationships. Marist’s Bachelor of Arts in Political Science imparts the skills necessary to succeed in a wide variety of exciting careers. A Minor in Political Science and concentrations in Public Administration and Public Opinion are available. The Faculty invites you to consult the Political Science Web Site at <http://www.academic.marist.edu/political/> to learn about the accomplishments of alumni and faculty. The department takes full advantage of the renowned Marist Institute for Public Opinion, Pi Sigma Alpha, Political Science Club, the FDR Presidential Library and the Center for Civic Engagement and Leadership.

## Beneficial Skills and Interests

- Curiosity about local, state, national and international issues.
- Concern for law, public policy and social justice
- Aptitude for leadership.

## Skills You Will Develop

- Research and investigation.
- Communication and persuasion.
- Interpersonal and administrative.
- Policy analysis and critical thinking.
- Cross-cultural understanding.
- Paralegal

## Career Opportunities

- **Entry-level Positions**
  - Campaign Assistant
  - Congressional Aide
  - Corporate Management Trainee
  - Government Agent
  - Human Rights Advocate
  - International Trade Specialist
  - Journalist
  - Law Enforcement Officer
  - Legal Assistant
  - Lobbyist
  - Military Officer Candidate
  - Peace Corps Volunteer
  - Public Opinion Researcher
  - Social Science Teacher
  - Stockbroker
  - Reporter

- **Marist Alumni Long Term Positions**

- Attorneys
- Mayors
- Professors
- Editors
- Political Analysts
- Policy Analysts
- Commissioners

## Complementary Minors

Business Administration, Communications, English, Languages, History, Information Technology, Paralegal, Philosophy, Public Administration, Public Praxis, Women’s Studies.

**Internships** The New York State Legislative Internship, the Albany Internship and the Washington Semester are three popular ways to explore political science. We also offer internships in NYC with WNBC and locally with government agencies and non-profits. Overseas internships are strongly recommended such as with the Hansard Scholars Program.

**Graduate School** Master’s or Doctoral studies in Government, Business, Law, and Public Administration are necessary for advancement in some areas.

# Professional Studies

B.A. and B.S. For Adult Learners  
Offered in Poughkeepsie and Fully-Online

School of Professional Programs  
Daniel Szpiro, Ph.D., Dean

**What is a Professional Studies Major?** Often, the curriculum and schedule of a major designed for traditional college students does not meet the educational needs of working adults. To meet the needs of adult learners, Marist offers a customizable degree program: the Professional Studies major. This program provides the flexibility to tailor an education that meets personal and professional objectives. With professional advisement, the student develops a degree plan by combining courses from multiple disciplines. Students can select from a variety of areas of study including concentrations in Management Studies, Organizational Leadership, Organizational Communication, IT Management, and Behavioral Studies. Most students who enroll in the Professional Studies major bring a significant number of transfer credits into this program and these can easily be applied towards the degree requirements. Each degree plan will be uniquely the student's own, with the course selections based on the individual's previous experience and professional and personal goals. Part of the Professional Studies program, is a set of core courses that fulfill the distributive Core/Liberal studies curriculum requirement. Marist offers a Bachelor of Arts or a Bachelor of Science in the Professional Studies major, according to the number of liberal arts credits.

## Helpful Skills and Interests

- Helpful skills and interests will largely depend upon the sequence of courses selected. Status as an adult learner is required to pursue this major. Students usually, though not always, have previous work experience and are encouraged to reflect on their experiences in relation to new learning.

## Skills You Will Develop

- Skill development largely depends upon the sequence of courses. Professional Studies majors are in a unique position to acquire a set of skills and knowledge that blend previous work experience with future goals. Students also experience an interdisciplinary approach to education.

## Career Opportunities

- **Entry-level Positions**  
Entry positions are defined by the course sequence and previous experience. For example, a student combining Management Studies, IT Management and Organizational Communication might find work as a Management Trainee, Help Desk Assistant, Sales Representative for a technical firm, or Public Relations Assistant.

- **Long Term Positions**

Many students use the Professional Studies major to advance in their current career field. For example, a current Sales Assistant might advance to Sales Representative; a Bookkeeper might advance to a Budget Analyst. Long-term positions depend upon the student's sequence of courses and past work experience.

## Complementary Minors

Professional Studies students may be able to declare selected minors. Please consult with an Advisor.

## Credit for Prior Learning

The Prior Learning Assessment (PLA) program gives adult students an additional opportunity to earn college credits towards an undergraduate degree while utilizing non-traditional learning through professional work experience, community service, or professional training programs.

**Graduate School** Advanced degrees offer the advantage of specialization, advancement and increased salary levels. Professional Studies students have completed graduate programs in law, medicine, social work, education, and found a variety of careers.

# Psychology

C. Ryan Kinlaw, Ph.D., Department Chair  
**School of Social and Behavioral Sciences**  
Deborah Gatins, Ph.D., Dean

**What is Psychology?** Psychology is the scientific study of human behavior, thoughts, and emotions. Psychologists may engage in research or practice skills in a variety of settings. The field of psychology is a multifaceted discipline consisting of sub-fields such as clinical, cognitive, community, counseling, developmental, forensic, educational, evolutionary, health, industrial/organizational, and experimental. Marist College offers a Bachelor of Arts in Psychology. Students interested in teaching at the elementary level or in special education can receive New York State Initial Teaching Certification. Also, a double major in Criminal Justice and Psychology is available. This option is for students who are interested in working with victims of crime and/or individuals who become involved in the criminal justice system. For example, a possible career path might include working in a correctional facility and providing treatment counseling, which will require graduate work. On the graduate level, the Psychology Department offers programs in Mental Health Counseling, Educational Psychology, and School Psychology.

## Helpful Skills and Interests

- Interest in human behavior.
- Good interpersonal skills.
- Interest in theory and research.

Human Resources Manager  
Industrial Psychologist  
Neuropsychologist  
Occupational Therapist  
Psychiatrist  
School Psychologist

## Skills You Will Develop

- Extensive knowledge of human behavior.
- Communication skills.
- Knowledge of statistics and research methodologies.

## Complementary Minors

Biology, Business, Chemistry, Communication, Criminal Justice, Public Administration, Pre-Law, Social Work and Sociology.

## Career Opportunities

- **Entry-level Positions**
  - Paraprofessional in Mental Health Settings
  - Human Resources Representative
  - Intake Counselor
  - Personnel Interviewer
  - Research Assistant
  - Residence Manager
- **Long Term Positions**
  - Alcohol/Substance Counselor
  - Child Development Specialist
  - Clinical Psychologist
  - College/University Professor
  - Counseling Psychologist
  - Family Therapist
  - Forensic Psychologist

## Internship / Service Learning

Students have access to about 100 internship sites. These include correctional facilities, county mental health agencies, residential emergency shelters, inpatient substance abuse programs, after school programs, community health centers, and more.

## Graduate School

Marist offers Master's degrees in Mental Health Counseling, Educational Psychology, and School Psychology. Many students pursue master's or doctoral programs to specialize in areas such as Clinical Psychology, Counseling Psychology, Industrial/Organizational Psychology, Experimental Psychology, or Developmental Psychology.



# Social Work

Daria V. Hanssen, Ph.D., LCSW, Department Chair  
**School of Social and Behavioral Sciences**  
Deborah Gatins, Ph.D., Dean

**What is Social Work?** Social work is a challenging profession that makes a difference. Social work has two primary purposes: 1) helping people of all ages be successful and 2) improving social conditions so that everyone has the opportunity to be successful. Social workers care about people and their quality of life. Social workers are found wherever social problems interfere with successful human functioning. They work nationally and internationally to relieve suffering from natural disasters and the effects of war, as well as assisting impoverished people, those with HIV/AIDS, victims of domestic violence, human trafficking, abuse and neglect, and those who suffer from mental and physical disabilities. Marist College offers a Bachelor of Science in Social Work accredited by the Commission on Accreditation of the Council on Social Work Education. Minors are available in Social Work and Sociology.

## Helpful Skills and Interests

- Good interpersonal skills.
- Interest in human behavior.
- Interest in social justice.
- Interest in diversity.

## Skills You Will Develop

- Understanding of human behavior and the social environment.
- Communication and interviewing skills.
- Application of research to practice.
- Assessment skills.
- Intervention strategies.
- Policy analysis and development
- Global Awareness

## Career Opportunities

- **Entry-level Positions**
  - Case Manager
  - Caseworker
  - Child Welfare Worker
  - Counselor
  - Employee Assistance Counselor
  - Family Educator
  - Family Services Assistant
  - Intake Counselor
  - Mental Health Worker
  - Patient Advocate
  - Probation Officer
  - Research Assistant
  - Residence Manager

- **Long Term Positions**

- Addictions Counselor
- Agency Executive
- Community Organizer
- Child and Adolescent Treatment Specialist
- College/University Professor
- Family Therapist
- Marriage Counselor
- Medical Social Worker
- Policy Analyst
- Program Director
- Psychiatric Social Worker
- Social Services Director
- School Social Worker
- United Nations Representative
- Veterans Specialist

## Complementary Minors

Communication, Criminal Justice, Languages, Political Science, Psychology, Sociology, Women's Studies

**Internships** Students are enrolled in an eight-credit senior practicums are required to allow the student to apply Social Work knowledge, values and skills in an agency setting.

**Graduate School** Advancement in the field is very dependent upon the completion of the Master's in Social Work. Graduates of C.S.W.E. accredited B.S.W. programs may be eligible to waive one year of the two year M.S.W. degree program.



# Minors and Certificate Programs

Your major field of study can be enhanced by the addition of a minor, concentration or certificate. Completing a minor can enable you to explore a second area of interest, pursue related studies, and expand your career potential.

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## Accounting Minor

Carol Friedman, M.B.A., C.P.A., Department Chair  
Joanne H. Gavin, Ph.D., Associate Dean for Undergraduate Programs  
Jean Theobald, MPS, Director of Undergraduate Advising and Student Services

**What is Accounting?** Accounting is the process of identifying, measuring, and communicating economic information to permit informed judgments and decisions by the users of the information. Accounting is called the language of business, but it also provides financial information about not-for-profit organizations. While the curriculum is primarily designed to prepare public accountants, it also serves those who wish to enter management or internal accounting. The overall knowledge of business operations and the analytical procedures that the student acquires makes the degree attractive to a variety of prospective employers. Marist offers a Bachelor of Science in Accounting, a minor in Accounting.

### 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	
ECON 103 Principles of Microeconomics	3 cr

#### *Elective Upper-Level Courses (9 credits)*

Select three Accounting courses from the following  
(Subject to prerequisite requirements): 9 cr

ACCT 301 Intermediate Accounting I
ACCT 302 Intermediate Accounting II
ACCT 310 Cost Accounting
ACCT 311 Information for Decision Making and Control
ACCT 315 Fraud Examination
ACCT 330 Financial Statement Analysis
ACCT 350 Accounting Systems
ACCT 401 Advanced Accounting
ACCT 402 Auditing
ACCT 403 Tax I
ACCT 404 Tax II
ACCT 405 Advanced Auditing
ACCT 451 Government and Not-For-Profit Accounting

**Total Credit Requirement for a Minor in Accounting** 21 cr

# African Diaspora Studies Minor

Martin Shaffer, Ph.D., Dean / Program Coordinator

**What are African Diaspora Studies?** The minor in African Diaspora Studies prepares students to live and work in, and make sense of, an increasingly interdependent and multicultural world. As the world becomes increasingly interactive, the acquisition of new skills, knowledge, and cultural sensitivity will be critical for interacting with people of African descent as professional colleagues and neighbors working and living together.

## Requirements for a Minor in African Diaspora Studies

### *Course Requirements:*

HIST 242 Introduction to African Diaspora Studies 3 cr

### *Five African Diaspora Electives:*

Chosen from at least three different disciplines (e.g., Communications, English, History, Political Science). Six credits must be completed in Foreign Languages and Culture. Foreign Language and Culture courses must be chosen from the list of designated courses below.\* 15 cr

### **TOTAL CREDITS**

**18 cr**

### **\*Designated Courses for the African Diaspora Studies Minor**

#### Communications

COM 325 Intercultural Communication

#### English

ENG 353 Ethnic American Literature

#### Foreign Languages and Culture

CSSP 153 The Civilization of Puerto Rico

FREN 101 Elementary French I

FREN 102 Elementary French II

FREN 105 Intermediate French I

FREN 106 Intermediate French II

FREN 315 French Literature of Africa and the Caribbean

SPAN 101 Elementary Spanish I

SPAN 102 Elementary Spanish II

SPAN 105 Intermediate Spanish I

SPAN 106 Intermediate Spanish II

SPAN 201 Advanced Spanish I

SPAN 202 Advanced Spanish II

SPAN 281 Spanish Conversation and Culture I

SPAN 282 Spanish Conversation and Culture II

SPAN 305 Advanced Intensive Spanish I

SPAN 306 Advanced Intensive Spanish II

SPAN 433 Literature of the Hispanic Caribbean

#### History

HIST 273 Latin America I

HIST 274 Latin America II

HIST 375 History of Race in Latin America

HIST 234 African American History

HIST 280 Africa Since 1800

HIST 340 Race & Nationality in American Life

#### Political Science

POSC/ HIST 216 Black Political and Social Thought

POSC 255 Comparative Politics of Africa

#### Philosophy and Religious Studies

REST 209 World Religions

#### Courses Developed for the Program

HIST 294 Introduction to African Diaspora Studies

COM 4XX Race and Ethnicity in Film

# American Studies Minor

Martin Shaffer, Ph.D., Dean / Program Coordinator

**What is American Studies?** American Studies is an interdisciplinary program involving history, politics, law, literature, philosophy, religion, art and music. American Studies allows students to transcend narrow, disciplinary boundaries in exploring the broad interplay of ideas and events which have shaped American culture.

## ***Requirements for a Minor in American Studies***

ENG 210 American Literature I 3 cr  
ENG 211 American Literature II 3 cr  
HIST 226 American History I 3 cr  
HIST 227 American History II 3 cr

**One from the following:** 3 cr

ART 280 American Art  
MUS 343 Music in America  
OR

**An English course from the following:**

ENG 328 Modern English and American Poetry  
ENG 340 American Drama I  
ENG 341 American Drama II  
ENG 443 Seminar in American Literature

**One from the following:** 3 cr

PHIL 340 Marx and Marxism  
PHIL 342 American Social Thought  
POSC 105 Origins of American Legal System  
POSC 110 American National Government  
POSC 201 Constitution and the Bill of Rights  
POSC 210 Issues in American Constitutional Law  
POSC 211 American State and Urban Politics  
POSC 212 Political Parties and Pressure Groups  
POSC 312 History of American Presidency  
HIST 312 History of American Presidency  
HIST 316 America and the Movies  
HIST 320 American Diplomatic History  
HIST 321 American Business History  
HIST 364 Civil War and Reconstruction  
REST 201 Religion in America  
SPAN 154 Hispanics in the United States

**Total Credit Requirement for a Minor in American Studies 18 cr**

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# Art History Minor

Matt Frieburghaus, M.F.A., Department Chair

**What is Art History?** While always debated, art can be defined as the conscious use of skill and creative imagination in the production of aesthetic objects. Drawing, painting, sculpture, photography, graphic design, printmaking and digital art are among the media that comprise the visual arts. The study of art and artists of different time periods and geographic areas comprises art history.

## **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**

*Advisors for all Majors and Minors at Marist can be found in the online  
Advisor Directory at: [www.marist.edu/directory/](http://www.marist.edu/directory/)*

# Biology Minor

Victoria Ingalls, Ph.D., Chairperson

**What is Biology?** Biology is the study of life extending from microorganisms to plants and animals including the complex structure of the human body. It includes the study of how organisms are structured as well as how they function and relate to each other. Among the major branches of biology are human anatomy and physiology, botany (the study of plants), microbiology (the study of microscopic organisms), zoology (the study of animals), and ecology (the study of relationships between organisms and the environment).

## Requirements for a minor in Biology

**Required Courses:** 16 cr

BIOL 130 General Biology I	4 cr
BIOL 131 General Biology II	4 cr
CHEM 111 / CHEM 115 General Chemistry I / Lab	4 cr
CHEM 112 / CHEM 116 General Chemistry II / Lab	4 cr

## **Elective Biology Courses:**

Three courses selected from the following with at least one course having a lab:

BIOL 203 Human Nutrition	3 cr
BIOL 211 Plant Biology	4 cr
BIOL 305 Animal Behavior	3 cr
BIOL 312 Microbiology	4 cr
BIOL 315 Immunology	3 cr
BIOL 320 Genetics	4 cr
BIOL 321 Evolution	3 cr
BIOL 325 Histology	4 cr
BIOL 340 Comparative Anatomy	4 cr
BIOL 360 Ecology: Principles & Practices	3 cr
BIOL 390 Special Topics in Biology I	1 cr
BIOL 391 Special Topics in Biology II	2 cr
BIOL 392 Special Topics in Biology III	3 cr
BIOL 420 Invertebrate Zoology	4 cr
BIOL 421 Parasitology	4 cr
BIOL 430 Developmental Biology	4 cr
BIOL 435 Plant Physiology	4 cr
BIOL 440 Vertebrate Physiology	4 cr
BIOL 450 Biotechnology	4 cr
BIOL 490 ST: Microbial Ecology	4 cr
BIOL 493 Molecular Biology	4 cr

**Total Credit Requirement for a Minor in Biology** 26 cr

Note: 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 (Comparative Anatomy) and/or BIOL 440 (Vertebrate Physiology) may not be applied to the minor in Biology.

# Business Administration Minor

Jason Lee, Ph.D., Department Chair  
Elizabeth Purinton-Johnson, Ph.D., Department Chair  
Carol Friedman, M.B.A., C.P.A., Department Chair  
Lawrence G. Singleton, Ph.D., Dean  
James D. Phillips, J.D., Ph.D., Associate Dean  
Joanne H. Gavin, Ph.D., Associate Dean for Undergraduate Programs  
Jean Theobald, MPS, Director of Undergraduate Advising and Student Services

**What is Business Administration?** Successful enterprises are run by skilled managers who serve as the guiding force within business, government or non-profit organizations. To manage effectively, business professionals must have the knowledge and skills needed to plan, organize, direct, and control an organization to the achievement of their goals. They must understand how people behave in organizations and, at the same time, be mindful of the complexities of the global, legal, social, economic, and cultural environment in which they operate.

## Requirements for a Minor in Business

### Required Courses: 15 cr

ACCT 203 Financial Accounting  
ACCT 204 Managerial Accounting  
ECON 103 Principles of Microeconomics  
ECON 104 Principles of Macroeconomics  
BUS 320 Financial Management

### Select one of the following: 3 cr

BUS 301 Human Resource Management  
BUS 340 Marketing Principles

### Electives: 6 cr

Select two 300/400 level from Business, Accounting\*\*, 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 course

# Catholic Studies Minor

Robert P. Lewis, Ph.D., Coordinator  
Janet Stivers, Ph.D.

**What is Catholic Studies?** Catholic Studies is a multi-disciplinary program which offers students an opportunity to study how the tradition of Catholic Christianity has shaped the world we know today, to examine their beliefs and values in a mature and critical way, and to further integrate their Core/Liberal Studies program. The three required courses for the Minor are designed to provide students with a historical and theological foundation in the traditions of Catholic Christianity. The elective courses in the several groupings identified below encourage students to explore the implications of Catholic thought, imagination, spirituality, and social/political vision within the many other disciplines they are studying. All the required or elective courses for the Minor can also satisfy one or another Core/LS area requirements.

## Requirements for a Minor in Catholic Studies

<b>Required Courses</b>	9 cr
HIST 248 Medieval Europe	3 cr
HIST 255 The Catholic Church in Modern Times	3 cr
REST 243 Catholic Thought and Spirituality	3 cr

<b>Elective Courses</b>	9 cr
Students must elect at least one course from each of the first two groupings, and a third from any of the three groupings:	

### Group One (Art, Music, Literature)

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

### Group Two (Philosophy and Religious Studies)

PHIL 321 Medieval Philosophy  
PHIL 331 Philosophy of Religion  
REST 208 Judeo-Christian Scriptures  
REST 203 Christianity  
REST 204 Judaism  
REST 431 Spirituality and Human Development  
Appropriate Special-Topics and regular courses in Philosophy or Religious Studies

### Group Three (Historical and Cultural Studies)

HIST/POSC 217 Catholics in the United States  
HIST/POSC 266 The Italian-American Experience  
HIST 286 The Irish Experience in America  
Appropriate Special-Topics courses in History or Cultural Studies

**Total Credit Requirement for a Minor in Catholic Studies** **18 cr**



# Chemistry Minor

Elisa Woolridge, Ph.D., Department Chair

**What is Chemistry?** Chemistry, a major branch of the physical sciences, is the study of materials and the changes they undergo, and includes an examination of composition, properties, reactions and applications. The major branches of chemistry are inorganic, organic, analytical and physical chemistry, biochemistry, and materials science. Applications of chemistry include the production of fabrics, plastics and glass, paper, semiconductors, pharmaceuticals and exotic materials like superconductors; improvements in food production, metallurgy, the development of fuels and lubricants, environmental monitoring and protection, and the general area of health, medicine and safety. Chemical research touches every facet of modern life, including the chemical basis of life.

## *Requirements for a Minor in Chemistry*

CHEM 111 / CHEM 115 General Chemistry I / Lab	4 cr
CHEM 112 / CHEM 116 General Chemistry II / Lab	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 7-9 cr accompanied by its corresponding lab course. 7-9 cr

- Group 1:** CHEM 355 Analytical Chem\* OR CHEM 376 Res Methods in Chem I\*  
OR CHEM 310 Env Chem
- Group 2:** CHEM 361 Thermodynamics & Kinetics\*\* OR CHEM 362 Quantum and Statistical Mechanics\*\*
- Group 3:** CHEM 430 Adv. Inorg Chem, OR CHEM 440 Adv. Org Chem, 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 361-362-363 require Phys 211-212 and MATH 210

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

# Cinema Studies Minor

Sue Lawrence, Ph.D., Chairperson

**What is Cinema Studies?** The Cinema Studies Minor emphasizes the critical study of cinema as an art form, a business, a technology, a form of entertainment, and a cultural product that both reflects and shapes culture. It brings knowledge and concerns from various disciplines--such as history, literature, and philosophy--to bear on the critical study of domestic and international cinemas. This minor complements majors in fields such as communication, theater, art, digital media, literature, history, or psychology, and deepens students' critical thinking and analytical skills. The minor advances the Marist tradition of enhancing students' appreciation and respect for ideological, cultural, and artistic diversity.

## Requirements for a Minor in Cinema Studies

### Two required courses:

MDIA 120 Art of Film	3 cr
MDIA 322 Film Theory and Criticism	3 cr

### Select three:

MDIA 323 Film and History	9 cr
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	

**Total Credit Requirement for a Minor in Cinema Studies**                      **18 cr**

# Cognitive Science Minor

Andrei A. Buckareff, Ph.D., Co-Director

Kristin Jay, Ph.D., Co-Director

**What is Cognitive Science?** Cognitive science is a multidisciplinary field of research about the nature of cognition (thinking). Cognitive science involves many levels of examination, from basic neuroscience, to measures of behavior from which we infer cognitive structures and processes, to computer modeling of these processes. Unifying the field is the importance of abstract thinking (as mental processes are unobservable) and an understanding of philosophical issues related to the study of mental processes, action, and perceptual experience. This minor would be of interest to anyone curious about the mind, the nature of the human experience of reality, the roles of language, emotion, biology, and social context in this experience, our understanding of cognition in other organisms, and artificial intelligence. In particular, the minor complements its constituent disciplines (psychology, philosophy, computer science, linguistics, biology, etc.) by offering, flexibly, an integrative, interdisciplinary context of study.

## Requirements for a Minor in Cognitive Science

### Four required courses:

PHIL 101 Philosophical Perspectives	3 cr
PSYC 101 Introduction to Psychology	3 cr
PHIL 205 / PSYC 205 Foundations of Cognitive Sciences	3 cr
PHIL 302 Moral Cognition	3 cr

### Four additional courses with the following constraints: 12 cr

- Courses must be from at least 3 different disciplines
- No more than 1 course at 100-level
- No more than 2 courses (which must be 300-level or above) from student's major discipline
- At least 2 courses must be 300-level or above

ANTH 101 Introduction to Physical Anthropology  
BIOL 232 Sex, Evolution, and Behavior  
BIOL 305 Animal Behavior  
CMPT 120 Introduction to Programming  
CMPT 404 Artificial Intelligence  
CMPT 412 Robotics  
CMPT 440 Formal Languages and Computability  
ENG 201 Introduction to Linguistics  
ENG 293 Theory of Mind: Cognitive Approaches to American Literature  
ENG 301 History of the English Language  
ENG 302 World Englishes  
MATH 130 Introductory Statistics I  
MATH 131 Introductory Statistics II  
MATH 310 Introduction to Mathematical Reasoning  
MATH 412 Computational Linear Algebra  
PHIL 203 Introduction to Logic  
PHIL 310 Symbolic Logic  
PHIL 324 Contemporary Analytic Philosophy  
PHIL 325 Contemporary Continental Philosophy  
PHIL 335 Metaphysics  
PHIL 336 Epistemology  
PHIL 345 Philosophy of Mind  
PHIL 338 Philosophy of Science  
PHIL 339 Philosophy of Language  
PHIL 334 Free Will

PSYC 206 Psycho-Biological Sex Differences  
PSYC 301 Psychobiology and Lab  
PSYC 302 Neurobiology of Learning and Memory and Lab  
PSYC 303 Developmental Neuropsychology and Lab  
PSYC 305 Neurobiology and Neuropsychology of Learning Disabilities and Lab  
PSYC 306 Cognitive Neuroscience and Neuropsychology and Lab  
PSYC 342 Cognitive Psychology  
PSYC 343 Sensation and Perception

**Total Credit Requirement for a Minor in Cognitive Science**                      **24 cr**

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## Coaching License (NYS)

Timothy Murray, M.A., Director of Physical Education

**What is the NYS Coaching License?** A ruling by the New York State Board of Regents requires that all public school coaches must be licensed by an approved program of licensing or be a certified teacher of Physical Education. Marist has been approved as a certifying institution and is providing the courses leading to an initial temporary coaching license 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/Problems of Coaching.
2. Health Sciences applied to coaching; students must take either PHED 401 (Movement in Sports) or HLTH 300 (Kinesiology); students must take 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  
PHED 391 Track Coaching

4. Child Abuse and Violence Abuse Workshops: in accordance with Section 801.4 completion of a study in child abuse identification and reporting, and school violence prevention and intervention. All candidates license shall have completed at least two clock hours of coursework or training regarding the identification and reporting of suspected child abuse or maltreatment in accordance with the requirements of sections 3003(4) and 3004 of the Education Law and completed at least two clock hours of coursework or training in school violence prevention and intervention, as required by section 3004 of the Education Law.

Check with the local BOCES for course offerings or go to the following links to find an online class:

<http://www.highered.nysed.gov/tcert/certificate/ca.htm> (*child abuse identification*)

<http://www.highered.nysed.gov/tcert/certificate/save.htm> (*SAVE*)

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 license, which is not issued by Marist College. It is also the student's responsibility to take appropriate steps to renew the temporary license every year for three years. After the third year the student can then apply for a professional coaching license, which is valid for three years.

Please refer to the following websites for information about contacting the New York State Education Department:

<http://www.p12.nysed.gov/ciai/pe/toolkit.html>

<http://www.highered.nysed.gov/tcert/certificate/typesofcerts.html>

**Total Credit Requirement for a Certificate in Coaching**                      **10 / 11 cr**

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Advisor Directory at: [www.marist.edu/directory/](http://www.marist.edu/directory/)*

# Communication Minor

Jen Eden, Ph.D., Chair of Communication

**What is Communication?** The field of communication examines the exchange of messages between people in a variety of contexts. Verbal and non-verbal information is exchanged to create shared meaning. Communicators are involved in the gathering, analyzing and processing of information and transmitting it clearly and coherently in a variety of forms. Students are encouraged to study the process, outcomes and effects of the many modes of communication.

## Requirements for a Minor in Communication

Choose one of the six (6) communication concentration areas:

18 cr

### Advertising (18 cr)

COM 220 Principles of Strategic Advertising  
COM 324 Research & Consumer Insight  
COM 329 Creative Problem Solving  
COM 314 Media Strategy  
COM 313 Strategic Advertising Campaign Devel.

#### Select one:

COM 354 Visual Story Telling  
COM 358 Digital, Direct & Database Advertising  
COM 424 Branding

### Communication Studies (18 cr)

COM 101 Public Presentations  
COM 102 Introduction to Communication  
COM 203 Interpersonal Communication  
COM 301 Small Group Communication  
COM 302 Persuasion

#### Select one:

COM 325 Intercultural Communication  
COM 420 Advanced Public Presentations  
COM 425 Advanced Communication Theory

### General Communication Minor (18 cr)

COM 101 Public Presentations  
COM 102 Introduction to Communication  
COM 200 Research Strategies and Methods  
\*Plus three Communication electives, two of which must be upper-level.

### Journalism (18 cr)

COM 242 Intro to Journalism  
COM 243 Journalism Skills  
COM 466 Journalism Workshop

#### Select One:

COM 236 News Editing  
COM 322 News Writing  
COM 327 Magazine Writing  
COM 331 Broadcast News Writing

#### Select One:

COM 328 Magazine Layout & Design  
COM 332 Producing the Newscast  
COM 345 Photo Journalism

#### Select One:

COM 300 Mass Communication Law  
COM 341 Press in America  
COM 342 Readings in Journalism

### Public Relations (18 cr)

COM 102 Introduction to Communications  
COM 211 Fund of Pub. Relation Theory/Practice  
COM 212 Public Relations Writing Tools  
COM 333 Applied Research and Analytics  
COM 418 Communication Campaign Mgmt.  
COM 422 Case Studies in Integrated Comm.

### Sports Communication (18 cr)

COM 102 Intro to Communication  
COM 242 Intro to Journalism  
COM 260 Sport, Culture, and Communication  
COM 365 Issues in Sports Media

#### Select two:

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

**Total Credit Requirement for a Minor in Communication**

**18 cr**

# Computer Science Minor

Matthew Johnson, MS, Department Chair

**What is Computer Science?** The rapid spread of computers and computer-based technologies over the past two decades has generated a need for skilled, highly trained professionals to design and develop the hardware and software systems and to determine how to incorporate these advances into new or existing systems. Computer scientists conduct research, design computers, and discover and use principles of applying computers. Their jobs are distinguished by the higher level of theoretical expertise they apply to complex problems and innovative ideas for the application or creation of new technology. They work in such areas as hardware and language design, developing and advancing artificial intelligence, designing programming tools, knowledge-based systems or computer games

## Requirements for a Minor in Computer Science

CMPT 120L	Introduction to Programming	4 cr
CMPT 220L	Software Development I	4 cr
CMPT 221L	Software Development II	4 cr
MATH 250	Discrete Mathematics	4 cr
Two approved upper-level CMPT courses		6–8 cr
<b>Total Credit Requirement for a Minor in Computer Science</b>		<b>22–24 cr</b>

# Creative Writing Minor

Eileen Curley, Ph.D., Department Chair

**What is Creative Writing?** Creative Writing encompasses the crafts of poetry, fiction, creative nonfiction, and playwriting. Creative Writing allows students to explore their own creativity while also acquiring the valuable skills of revision, critical thinking, and communication.

## Requirements for a Minor in Creative Writing

### *Foundation Course*

ENG 280 Introduction to Creative Writing 3 cr

### *Required Course*

ENG 218 Grammar, Style and Editing 3 cr

### *Four (4) of the following courses:*

ENG 310 Playwriting Workshop  
ENG 311 Poetry Workshop  
ENG 380 Nonfiction Workshop  
ENG 382 Fiction Workshop  
ENG 392 Special Topics (in Writing)  
ENG 490 Independent Writing Project 12 cr

### *Required 1-Credit Course*

ENG 318 Forms in Writing 1 cr

**Total Credit Requirements for a Minor in Creative Writing: 19 cr**



# Criminal Justice Minor

Addrain S. Conyers, Ph.D., Department Chair

**What is Criminal Justice?** Criminal Justice explores the components of criminal behavior, consequential treatments, legal institutions and operations that shape society. It relates to legal and protective services that focus on the effective implementation of law and legal procedures as well as the relationship of laws to the safety and protection of life and property.

## Requirements for a Minor in Criminal Justice

CRJU 101 Introduction to Criminal Justice	3 cr
CRJU 230 Policing in America	3 cr
CRJU 235 Corrections	3 cr
CRJU 250 Introduction to U.S. Courts	3 cr
Any 2 Criminal Justice Elective Courses	6 cr
<b>Total Credit Requirement for a Minor in Criminal Justice</b>	<b>18 cr</b>

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# Cyber Security Minor

Matthew Johnson, MS, Department Chair

## Minor in Cybersecurity Includes:

- Framework and key concepts based on established cybersecurity certifications
- Hands-on experience in cyber-defense tools and techniques
- Security governance and ethics
- Penetration testing of data center servers, storage, and networks
- Implementing data confidentiality, integrity, and authentication
- Managing mobile device and wireless security

## Requirements for a Minor in Cybersecurity

CMPT 120	Introduction to Programming	4 cr
CMPT 306	Data Communication and Networks	4 cr
CMPT 307	Internetworking	4 cr
CMPT 416	Introduction to Cybersecurity	4 cr
CMPT 417	Hacking and Penetration Testing	3 cr
CMPT 418	Mobile	4 cr

**Total Credit Requirement for a Minor in Cybersecurity**      **23 cr**

# Data Center Facilities Management Associate and Professional Certificates

Matthew Johnson, MS, Department Chair

## What is Data Center Facilities Management Associate and Professional

**Certificates?** The Data Center Facilities Management Associate and Professional Certificates provide a fast-track opportunity to (re)train for entry-level data center operations positions and to provide competency in critical infrastructure design and management, and problem-solving acumen. The program provides essential knowledge and skills in the unique aspects of managing the power, cooling and design of a data center facility as well as the information technology resources that continuously challenge system operational efficiency. The Professional certificate will focus on the interconnectivity of the data center, challenges of managing a "cloud" infrastructure and project management. Completion of the two certificates allows students to earn 20 undergraduate credits that can be applied toward the Marist College Bachelor of Science Degree in Professional Studies with an emphasis in Data Center Technologies.

**Admission Requirements:** High School Diploma or equivalency

### Course Requirements:

#### Associate Certificate in Data Center Facilities Management

*Requirements: Students must pass each course with a "C" or better to attain certificates.*

CMPT 130 Information Technology and Systems Concepts	3 cr
CMPT 482 Introduction to Facilities Management	3 cr
CMPT 487 Advanced Facilities Management	3 cr

**Total Credit Requirement for Associate Certificate in Data Center Facilities Management** **9 cr**

#### Professional Certificate in Data Center Facilities Management

*Requirements: Successful completion of the Associate Certificate in Data Center Facilities Management, plus:*

CMPT 306 Data Communication and Networks	4 cr
CMPT 309 Project Management	3 cr
CMPT 483 Cloud Infrastructure and Services	4 cr

**Total Credit Requirement for Professional Certificate in Data Center Facilities Management** **20 cr**

# Data Science and Analytics Minor

Joseph Kirtland, Ph.D., Department Chair  
Matthew Johnson, MS, Department Chair

**What is Data Science and Analytics Minor?** The mission of the minor in Data Science & Analytics is to broaden the scope of students to get a good understanding of data analysis, data visualization, data mining and predictive modeling without requiring combined extensive, in-depth mathematical and computer science foundation.

The program's home academic unit, the School of Computer Science and Mathematics prepares its students to live and work within a technologically driven, rapidly changing world. These goals are very much in line with the distinguishing feature of Marist's education in which information technology is used to support teaching, learning, and scholarship. At Marist College, technology resources are combined with flexible and innovative program formats to expand access to higher education for all students.

## Requirements for a Minor in Data Science and Analytics

CMPT 120	Introduction to Programming	4 cr
MATH 241	Calculus I	4 cr
DATA 220	Introduction to Data Analysis	4 cr
DATA 300	Data Visualization	3 cr
DATA 450	Data Mining & Predictive Analytics	3 cr

**Total Credit Requirement for a Minor in Data Science and Analytics** 18 cr

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# Digital Video Production Minor

Sue Lawrence, Ph.D., Department Chair

**What is Digital Video Production?** The Digital Video Production Minor is open to all majors and is designed to give students fundamental knowledge and experience in production and writing for various media. It is an ideal minor for students majoring in fields where having solid production skills will give them that competitive edge, such as Communication majors with Journalism, Sports Communication, Advertising, and Public Relations concentrations.

## Requirements for a Minor in Digital Video Production

### Two required courses:

MDIA 103 Digital Toolbox	3 cr
MDIA 203 Video Production	3 cr

### Select three:

MDIA 201 Writing for Media	9 cr
MDIA 301 Screenwriting for Film and Television	
MDIA 302 Editing	
MDIA 304 Audio Production	
MDIA 305 Lighting and Cinematography	
MDIA 306 Media Performance	
MDIA 403 Multi-Camera Production	
MDIA 405 Digital Filmmaking	

**Total Credit Requirements for a Minor in Digital Video Production:** 15 cr

# Economics Minor

Carol Friedman, C.P.A, Department Chair

Joanne H. Gavin, Ph.D., Associate Dean for Undergraduate Programs

Jean Theobald, MPS, Director of Undergraduate Advising and Student Services

**What is Economics?** Economists study the underlying components of economic issues and problems including inflation, recession, poverty and unemployment. This investigation promotes research and reasoning based on economic theory and leads to alternative policy proposals that can ultimately shape society and increase economic growth.

## 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

### Upper-Level Courses

ECON 303 Intermediate Microeconomic Theory	3 cr
ECON 304 Intermediate Macroeconomic Theory	3 cr

### Two courses from the following:

ECON 305 Environmental Economics	6 cr
ECON 310 Labor Economics	
ECON 315 Money and Banking	
ECON 320 Quantitative Methods in Economics and Business	
ECON 321 Public Finance	
ECON 340 Economic Development: Towards Global Equality	
ECON 383 Money and Banking	
ECON 422 Financial Markets and Institutions	
ECON 432 International Financial Policies and Issues	
ECON 442 International Economics	
ECON 443 History of Economic Thought	

**Total Credit Requirement for a Minor in Economics** **24-25 cr**

# English Literature Minor

Eileen Curley, Ph.D., Department Chair

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

## Requirements for a Minor in English Literature

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 (Not to include writing workshops or theatre arts courses)	<u>12 cr</u>
<b>Total credit requirement for a Minor in English Literature</b>		<b>18 cr</b>

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# Enterprise Computing Minor

Matthew Johnson, MS, Chairperson

**What is Enterprise Computing?** Enterprise Computing is a term used to distinguish data processing in primarily large organizations (banks, manufacturers, utilities, insurers, governments, stock exchanges, the military, etc.) from data processing carried out on a smaller scale by typically smaller organizations (small and mid-sized businesses) or even individuals (personal computing). Enterprise Computing - a large scale, highly available, highly secure computing environment that serves the needs of a relatively large organization. The environment consists of an enterprise server(s) running multiple workloads surrounded by functional distributed servers all acting in concert to support the data processing needs of an organization. The computing environment is complex and heterogeneous in nature (no one vendor (hardware or software) is used exclusively). In fact, you may often hear the person in charge of an Enterprise Computing environment claim that they have “one of everything”. Marist College has been a leader in the use of and providing education for enterprise computing for many years.

## Requirements for a Minor in Enterprise Computing

	CMPT 120 Introduction to Programming	4 cr
	CMPT 220 Software Development I	4 cr
	CMPT 315 Introduction to z/OS and Major Subsystems	4 cr
Select 3 electives from the following:		
	CMPT316N z/OS Networking	3 cr
	CMPT317N z/OS Security	3 cr
	CMPT451N z/OS Advanced Topics	3 cr
	CMPT452N z/OS RAS and PD	3 cr
	CMPT455N DB2 Fundamentals	3 cr
	CMPT456N z/OS Performance Fundamentals	3 cr
	CMPT453N z/OS Emerging Technologies	3 cr
	CMPT454N z/OS Installation	3 cr
<b>Total Credit Requirement for a Minor in Enterprise Computing</b>		<b>21 cr</b>

# Environmental Policy Minor

Zofia Gagnon, Ph.D., Chairperson

## Requirements for a Minor in Environmental Policy

### Required Courses (18 credits)

ENSC 101 Intro to Environmental Issues (2)	3 cr
ENSC/POSC 202 Political Process and the Environment (1) (3)	3 cr
ENSC 230 Intro to Geographic Info Systems	3 cr
ENSC/ECON 305 Environmental Economics (1) (3)	3 cr
ENSC/POSC 420 Environmental Planning (1) (3)	3 cr
ENSC 425 Environmental Law	3 cr

### Electives (3 credits)

3 cr

#### Options:

- Choose three elective credits related to the minor with approval of the Chair of Environmental Science & Policy
- Complete a 3-credit internship with approval of the Internship Coordinator of Environmental Science & Policy

### Total Credit Requirement for a Minor in Environmental Policy

21 cr

- (1) Prerequisite courses required beyond those listed under Required Courses
- (2) Counts for C/LS Natural Science
- (3) Counts for C/LS Social Science

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# Environmental Science Minor

Zofia Gagnon, Ph.D., Chair

## Requirements for a Minor in Environmental Science

### Required Courses (19 – 23 credits)

BIOL 130 General Biology I	4 cr
BIOL 131 General Biology II	4 cr
{CHEM 101 Intro to Chemistry	3 cr
{CHEM 130 Intro to Chemistry Lab	1 cr
OR	
{CHEM 111 / CHEM 115 General Chemistry I / Lab	4 cr
{CHEM 112 / CHEM 116 General Chemistry II / Lab	4 cr
ENSC 101 Intro to Environmental Issues	3 cr
ENSC/BIOL 360 Ecology: Principals & Practices	4 cr

### Elective Courses (at least 6 credits)

6 cr

ENSC 210 Intro to Geology	3 cr
ENSC 212 Intro to Geology Lab	1 cr
ENSC 230 Intro to Geographic Info Systems	3 cr
ENSC 309 Environmental Chemistry Lab 1	1 cr
ENSC 310 Environmental Chemistry 1	3 cr
ENSC 313 Environmental Microbiology 1	3 cr
ENSC 321 Natural History of the Hudson Valley	3 cr
ENSC/BIOL 327 Freshwater Ecology	3 cr
ENSC 380 Principles of Environmental Assessment	3 cr
ENSC 404 Environmental Toxicology	4 cr
BIOL 211 Plant Biology	4 cr
BIOL 420 Invertebrate Zoology	4 cr

### Total Credit Requirement for a Minor in Environmental Science

25-29 cr

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Advisor Directory at: [www.marist.edu/directory/](http://www.marist.edu/directory/)*



# Environmental Studies Minor

Zofia Gagnon, Ph.D., Chairperson

## Requirements for a Minor in Environmental Studies

### Course distribution:

ENSC 101 Intro to Environmental Issues	3 cr
Environmental sciences (courses listed below)	6 cr
Social sciences and humanities (courses listed below)	9 cr

**Total Credit Requirement for a Minor in Environmental Studies** **18 cr**

### **Environmental Sciences**

ENSC 210 Intro to Geology	3 cr
ENSC 212 Intro to Geology Lab	1 cr
ENSC 313 Environmental Microbiology (1)	3 cr
ENSC 321 Natural History of Hudson Valley	3 cr
ENSC/BIOL 392 Freshwater Ecology (1)	3 cr
ENSC/CHEM 310 Env Chemistry1 (1)	3 cr
ENSC/BIOL 360 Ecology: Principles and Practices (1)	4 cr
ENSC 404 Environmental Toxicology (1)	4 cr
BIOL 211 Plant Biology1	4 cr

### **Social Sciences and Humanities**

ENSC/POSC 202 Political Process and the Environment (1)	3 cr
ENSC/ECON 305 Environmental Economics1 (1)	3 cr
ENSC/POSC 420 Environmental Planning (1)	3 cr
ENSC 425 Environmental Law	3 cr
ENSC 230 Intro to Geographic Info Systems (GIS)	3 cr
ECON 150 Economics of Social Issues	3 cr
ECON 340 Economic Development: Toward Global Equality (1)	3 cr
POSC/GBST 103 Intro to Global Studies	3 cr
COM/GBST489 Social & Env Justice in Fiction & Non-fiction Film	3 cr

(1) Prerequisite courses required beyond ENSC 101

Some Special Topics courses may be substituted with prior approval of the Chair of Environmental Science & Policy.

# Fashion Merchandising Minor

Radley Cramer, B.S., Program Director

**What is Fashion Merchandising?** The fashion industry today is worldwide, vast and complex. It deals with the design, production and distribution of apparel and accessories, as well as products for the home. It includes the textiles and other materials used in making finished products. The fashion program helps students develop the creative, technical and business skills that position them for successful employment in this exciting field. The Merchandising Minor provides a foundation in retailing, buying, or marketing.

## Requirements for a Minor in Fashion Merchandising

**Required Courses** (3 credits each): 9 cr

FASH 100 Introduction to the Fashion Industry

FASH 265 Principles of Retailing

FASH 304 Merchandising Planning and Control

**Select Three** (3 credits each): 9 cr

FASH 200 Textiles

FASH 235 Trend Forecasting

FASH 245 Digital Fashion Design I

FASH 266 Writing for Fashion

FASH 295 Fashion Show Production

FASH 306 Sustainability

FASH 315 Retail Entrepreneurship

FASH 355 Buying, Planning & Allocation

FASH 455 Global Merchandising Strategies

**Total Credit Requirement for a Minor in Fashion Merchandising** 18 cr

# French, Italian and Spanish Minors

Claire Keith, Ph.D., Chairperson

**Why Study Languages?** Language is at the core of human experience, and the ability to communicate efficiently and sensitively in another language with people of different cultural backgrounds can only enhance professional advancement in any career. Knowledge of foreign languages is vital to effectively meet 21st century global challenges by better understanding multiple languages and cultures. For example, recent surveys indicate that more than 80 agencies of the federal government rely on professionals with intermediate to high-level competence in foreign languages. Multinational corporations and nongovernmental organizations need people with foreign language abilities too. Competition in global markets means that increasingly more businesses work in other countries. These companies need employees who can communicate in foreign languages and understand other cultures. However, learning a language is not only about increasing professional success, but about expanding personal horizons. Learning a language goes beyond knowledge of pronunciation, grammar and vocabulary, it is about learning to see the world as another culture sees it. It is also about learning to see your own culture from a new perspective.

## **Requirements for a Minor in Spanish Language Studies**

Spanish Language: nine credits above the intermediate level*	9 cr
Culture: Spain and Latin America	6 cr
Literature: One course selected with advisement	3 cr

TWELVE to FIFTEEN credits of the minor can also simultaneously fulfill the distribution requirements of Core/LS.

\*SPAN 210-211 are required for Bilingual Hispanic students, but may be waived if the student has a solid background in Spanish.

**Total Credit Requirement for a Minor in Spanish Language Studies 18 cr**

## **Requirements for a Minor in French Language Studies**

FREN 201 Workshop in Writing	3 cr
FREN 202 Workshop in Oral Expression	3 cr
FREN 250 French Culture and Thought	3 cr
FREN 251 Contemporary France	3 cr
FREN 305 Studies in French Film and Literature OR	
FREN 315 French Literature of Africa and the Caribbean	3 cr
FREN 325 Language and Technology Practicum OR	
FREN 311 French Grammar & Composition	3 cr

**Total Credit Requirement for a Minor in French Language Studies 18 cr**

## **Requirements for a Minor in Italian Language Studies**

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

Additional upper-level Italian courses at the 300 level or higher as approved by an advisor. At least one elective course must be a literature. 6 cr

**Total Credit Requirement for a Minor in Italian Language Studies 18 cr**

# Games and Emerging Media Minor

Karen Schrier, Ed. D., Program Director

**What is Games and Emerging Media?** Games are interactive, involve goals and rules, and are an integral part of human culture. The minor allows students to take a foundation in the design, development, culture, and art of games. Students can then choose to take classes centered on the technical, artistic, design, and/or the ethics of gaming.

## Requirements for a Minor in Games and Emerging Media

<b>Required Courses:</b>	(10 cr)
CMPT 120 Introduction to Programming	4 cr
GAME 101 Introduction to Games	3 cr
MDIA 103 Digital Toolbox	3 cr

<b>Select 12 credits from the following:</b>	(12 cr)
CMPT 220 Software Development I	
CMPT 414 Game Design & Programming I	
CMPT 415 Game Design & Programming II	
GAME 401 Human Computer Interaction	
MDIA 210 Interactive Media I	
MDIA 314 Game Design I	
MDIA 316 Ethics and Gaming	
MDIA 431 3D Modeling	
MDIA 432 3D Animation	
MDIA 410 Game Design II	

**Total Credit Requirement for a Minor in Games and Emerging Media**      **22 cr**

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# Global Studies Minor

Claire Keith, Ph.D., Coordinator

**What is Global Studies?** Global Studies is an interdisciplinary program intended to prepare students to live and work in, and make sense of, an increasingly interdependent and multicultural world. Students with an interest in international studies, as well as in careers in business, communications, education, environmental science, history, and politics, are encouraged to consider the minor as a supplement to their major. Courses in the minor focus on the critical study of cultures and systems outside of the United States, as well as on the political, economic, social, and cultural interrelationships within the contemporary global system. In addition to the required academic coursework and experience in world languages and cultures, the program actively encourages students to expand their global interests with a regional specialization in their Core and Major courses, and with participation in the Marist International Club, the Marist Foreign Film program, and in community or international organizations. Advanced students have the opportunity to give formal lectures on campus about their global projects or commitments and to link non-classroom international experiences with their chosen field of study. The Global Studies program also works closely with the Department of Modern Languages and Cultures to offer customized support for language study; with the Study Abroad Program to integrate new destinations; and with the Graduate School and Fellowship Advisor to prepare for post-graduation work in international fields.

## REQUIREMENTS FOR A MINOR IN Global Studies

Students will be held to the requirements of the catalog of the year in which they declare their major. Following are the requirements for the 2013-2014 catalog.

### Coursework:

GBST/POSC/CSCU103L Introduction to Global Issues	3 cr
Five qualifying electives chosen from at least three different disciplines (e.g. Business, Foreign Language, Political Science)	15 cr

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Advisor Directory at: [www.marist.edu/directory/](http://www.marist.edu/directory/)*

GBST 301L

1 cr

**Total Credits**

**19 cr**

**Other Requirements:**

Foreign Language requirement. Students must demonstrate the equivalent of one year of successful college-level study in a foreign language. They can do this by either (i) taking two college-level foreign-language courses at the elementary level, or one intermediate-level course, which would count as electives for the minor, or (ii) getting approval by the Department of Modern Languages to waive the requirement by demonstrating the equivalent of one-year college-level study in a foreign language.

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 normally include foreign travel. The Marist Abroad program experience is strongly recommended, but not required. Other options for the international experience requirement must be approved by the Program Coordinator in consultation with the Global Studies Committee members. These may include independent work abroad with a humanitarian organization; study abroad during a leave of absence; or fluency in a culture other than North-American from extended living abroad. Participation in the experience must be certified 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

**Biology**

BIOL 101 Topics in Biology

BIOL 225 Topics in Nutrition

BIOL 321 Evolution

**Business**

BUS 202 Global Business and Society

BUS 430 International Trade Management (prerequisite: BUS 100 or 202)

BUS 442 International Marketing (prerequisite: BUS 340)

**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 101, 102 or 150)

ECON 432 International Financial Policies and Issues (prerequisite: ECON 103 and ECON 104)

ECON 442 International Economics (prerequisites: ECON 101 and 102)

**Environmental Science**

ENSC 101 Introduction to Environmental Issues

ENSC 102 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 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

HIST 280 Modern Africa

HIST 285 The History and Political Culture of Ireland

HIST 312 The Vietnam War (prerequisite: six credits in history)

HIST 320 American Diplomatic History (prerequisite: six credits in History)

HIST 355 History and Politics of the Modern Middle East (prerequisite: six credits in history)

HIST 375 History of Race Relations in Latin America (prerequisite: six credits in history)

**Media Arts**

MDIA 326 Race & Ethnicity in Film

MDIA 422 Topics in Global Cinema (topics must be pre-approved by GBST coordinator)

**Music**

Music 226 Music Cultures of the World

**Philosophy**

PHIL 212 Philosophy of Society

PHIL 301 Environmental Ethics

**Political Science**

POSC 113 International Relations

POSC 202 Environmental Politics and Policy

POSC 213 Politics of Human Rights

POSC 236 Politics of Developing Areas

POSC 251 Comparative Politics of Western Europe

POSC 252 Comparative Politics of Russia/Eastern Europe

POSC 255 Political Economy: The Rise of the Asia-Pacific

POSC 271 Nationalism and Communism in China and Taiwan

POSC 280 International Communications and Negotiations

POSC 290 International Law and Organization

POSC 350 Latin American Politics

POSC 351 African Politics

POSC 355 Comparative Politics of the Middle East

**Psychology**

PSYC 222 Community Psychology

PSYC 330 Culture and Psychology (prerequisite: PSYC 101)

**Religious Studies**

REST 209 World Religions

REST 219 Sociology of Religion

REST 230 Religion and Politics

REST 231 Social Ethics and Economics

REST 315 Global Liberation Theology

**Sociology**

SOC 219 Sociology of Religion

Other courses to be approved in advance by the Global Studies Steering Committee.

**Total Credits**

**19 cr**

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Advisor Directory at: [www.marist.edu/directory/](http://www.marist.edu/directory/)*



# Graphic Design Minor

Matt Frieburghaus, M.F.A., Department Chair

## Requirements for a Minor in Graphic Design

### Course Requirements (Recommended Sequence)

ART 101 Fundamentals of Art and Design	3 cr
ART 231 Intro to Digital Media (Prerequisite: ART 101)	3 cr
ART 211 Digital Layout and Design (Prerequisite: Art 231)	3 cr
ART 215 Graphic Design I: Typography and Design (Prerequisite: ART 231)	3 cr
ART 315 Graphic Design II: Publication and Design (Prerequisite: ART 215)	3 cr

### Chose One Of The Following:

ART 320 Digital Photography (Prerequisite: Art 231)	3 cr
ART 322 Multimedia Authoring (Prerequisite: ART 235 and ART 320)	3 cr
ART 323 Design for the Web (Prerequisite: Art 231)	3 cr
ST: ART 382 Digital Illustration (Prerequisite: ART 231)	3 cr

**Total Credit Requirement for a Minor in Graphic Design** **18 cr**

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# History Minor

Nicholas Marshall, Ph.D., Department Chair

**What is History?** History is the study of the past. The purpose of history is to enable students to make sense of the world they are inheriting. In order to do this, they must be grounded in their own historical experience, which should be placed within an emerging international context. In addition, students should recognize the ongoing tensions over the nature of identity: racial, ethnic, national, and global.

## 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 267	HIST 271
HIST 268	HIST 273
HIST 269	HIST 274
HIST 270	

Any other two History courses **6 cr**

**Total Credit Requirement for a Minor in History** **21 cr**

# Information Systems Minor

Matthew Johnson, MS, Department Chair

**What is Information Systems?** Information Systems specialists conduct research, design and analyze computer systems, and discover and use new approaches to applications. They analyze business procedures and problems to refine data and convert it to a programmable form for electronic data processing. They also evaluate computer system effectiveness and develop new systems, using various techniques to analyze a problem and devise a new system. They also plan and prepare technical reports and instructional analyses that describe how the system operates, in terms that managers and customers can understand.

## Requirements for a Minor in Information Systems

The minor in Information Systems requires students to complete all of the six courses shown below.

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**

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# Information Technology Minor

Matthew Johnson, MS, Department Chair

**What is Information Technology?** Information Technology is the application of computer and communication science to the enhancement of performance in a wide range of human endeavor. Information Technologists talk to people in these industries, determine what is needed in technology areas, design a solution, and implement the system. IT specialists focus on computer networking and the design and development of software for the World Wide Web.

## Requirements for a Minor in Information Technology

The minor in Information Technology requires twenty-four credits beyond the student's major and other requirements.

CMPT 120L	Introduction to Programming	4 cr
CMPT 220L	Software Development I	4 cr
CMPT 221L	Software Development II	4 cr
CMPT 306N	Data Communications and Networks	4 cr
MATH 250L	Discrete Mathematics	4 cr
CMPT 307N	Internetworking	4 cr

**Total Credit Requirement for a Minor in Information Technology**                      **24 cr**

# Interactive Media Minor

Sue Lawrence, Ph.D., Department Chair

**What is Interactive Media?** The Interactive Media Minor gives students from all disciplines the essential knowledge and cutting edge skills in analyzing and designing interactive media, such as websites, apps, games, and social media. No prior technical experience is necessary as this minor focuses on the “people” side of design.

## Requirements for a Minor in Interactive Media

### Two required courses:

MDIA 103 Digital Toolbox 3 cr  
MDIA 210 Interactive Media I 3 cr

### Select three:

MDIA 201 Writing for Media 9 cr  
MDIA 310 Interactive Media II  
MDIA 311 Media Theory: Communication Revolution  
MDIA 312 Participatory Media  
MDIA 313 Convergent Media  
MDIA 314 Concepts in Game Design

**Total Credit Requirement for a Minor in Interactive Media 15 cr**

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# Jewish Studies Minor

Joshua Kotzin, Ph.D., Coordinator

**What is Jewish Studies?** 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 and Jewish culture. Participation in the program can help students to perceive the relation of Judaism to other world religions and to understand Judaism's impact on Western culture. It can stimulate reflection on fundamental human values. A minimum of 18 credits constitutes the minor. In addition to the curriculum, independent study courses are available. Students can satisfy up to 9 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

**Two courses selected from the following:** 6 cr

REST 201 Religion in America  
REST 204 Judaism  
REST 208 Judeo-Christian Scriptures

**Four courses selected from the following:** 12 cr

HIST 272 The Ancient East  
HIST 349 Modern Germany: Bismarck to Hitler  
ENG 370 Modern Jewish Literature  
ENG 371 The Hebrew Bible as Literary Classic  
ENG 373 Literature of the Holocaust  
POSC 245 Politics of Prejudice

**Total Credit Requirement for a Minor in Jewish Studies 18 cr**

# Latin American and Caribbean Studies Minor

Ivette Romero, Ph.D., Coordinator

**What is the Latin American /Caribbean Studies Program?** The Latin American / Caribbean Studies Program offers students the opportunity to complement their major field(s) with an interdisciplinary experience combining history, culture, language, and other disciplines, and helps prepare students interested in working with Latin American/Caribbean communities in the United States and abroad.

## Requirements for a minor in Latin American & Caribbean Studies:

- 1) A minimum of 18 credits, excluding courses in Spanish language proficiency (SPAN 101-102 and SPAN 105-106).
- 2) Demonstrated proficiency through successful completion of at least one 200 level or higher course taught in Spanish.
- 3) One immersion experience which could include study abroad in Latin America or the Caribbean, community service or an internship approved by the coordinator. (The Marist International Education Program consistently offers long-term as well as short term programs that will enable students to take some of these courses abroad.)
- 4) 3 Core courses (9 credits) out of the following:

HIST 273	History of Latin America to 1830
HIST 274	History of Latin America since 1830
POSC 350	Comparative Politics of Latin America
SPAN 260	Civilization of Latin America
SPAN 154 (or SPAN 354)	Civilization: Hispanics in the US

\* NOTE: All courses offered in the Marist Cuba Program will also fulfill core courses.

- 5) 3 electives (9 credits) from related courses approved by the LACS Coordinator to fulfill the minor requirement. Please contact coordinator for a full listing of courses.

**Total credit requirement for the Latin American/Caribbean Studies Minor: 18 credits**

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# Mathematics Minor

Joseph Kirtland, Ph.D., Chairperson

**What is Mathematics?** Mathematics is the study of quantitative relationships expressed in numbers and symbols. It focuses on mathematical concepts and theories and involves their formulation, testing, interpretation, and practical application. Minor in mathematics indicates an interest in solving problems and the ability to think critically. Major branches include algebra, geometry, discrete mathematics, calculus, probability and statistics.

## Requirements for a Minor in Mathematics

MATH 241, 242, 343, Calculus I-III	12 cr
MATH 210 Linear Algebra OR MATH 205 Discrete Math I	3-4 cr
MATH 310 Intro to Math Reasoning	3 cr

**Total Credit Requirement for a Minor in Mathematics 18-19 cr**

# Medieval and Renaissance Studies

Janine Peterson, Ph.D., Coordinator

**What is Medieval and Renaissance Studies?** The minor is an interdisciplinary program in the culture, philosophy, history, literature, religious practices, art and music of the medieval and Renaissance periods. Students enrolled in the program will take five courses in three of the following disciplines: Philosophy & Religious Studies, History, English, Modern Languages and Cultures, and Fine Arts (Art History and Music). In addition, to minor in MARS students must satisfy a language requirement with an intermediate class in French, Italian, or German, or an introductory course in Latin or Arabic.

## Requirements for a Minor in Medieval and Renaissance Studies

Five Courses from 3 of the following disciplines: 15 cr  
Philosophy & Religious Studies, History; English  
Modern Languages & Culture, Art History or Music

An Intermediate Language Course in the following: 3 cr  
French, German, Spanish or Italian

or

An Introductory Language Course in the following:  
Latin or Arabic

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

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# Music Minor

Arthur B. Himmelberger, B.M., M. Ed., Ed. Admin. Cert., Chairperson

**What is the Music Minor?** The Marist College Music Department offers a minor in Music with both vocal and instrumental tracks. Primarily a performance-based program, the Music Minor offers 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 twenty-three performing 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, woodwinds, percussion, or strings to researching the lives and works of various composers, the Marist student finds an atmosphere of individual care and attention to personal musical growth. These skills can be used and enjoyed for a lifetime.

## 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

MUS 393 Special Topics in Music III

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

following: 3 cr

MUS 103 Sight Reading

MUS 120 Theory of Music I

MUS 220 Theory of Music II

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Advisor Directory at: [www.marist.edu/directory/](http://www.marist.edu/directory/)

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 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 History of the Music Industry  
MUS 247 History of Motion Picture Music  
MUS 248 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  
MUS 393 Special Topics

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 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  
MUS 346 Amadeus Mozart and 18th-Century Vienna  
MUS 378 History of the Music Industry  
MUS 247 History of Motion Picture Music  
MUS 248 Special Topics in Music

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

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



# OSHA Certification Course

Zofia Gagnon, Ph.D., Department Chair



## Introduction to Occupational Safety and Health Certification Course ENSC 308

### **Introduction to Occupational Safety and Health**

In 1970, the federal Occupational Safety and Health Act was passed. Employers have been required since then to provide a safe and healthy workplace for their employees. Knowledge of these standards is important when applying for employment in science and business. This class will provide knowledge of the standards including hazard communication, laboratory safety, safety and health management, blood borne pathogens and personal protective equipment.

Upon completion of this course, students will be qualified to receive the OSHA 30 hour training certificate for General Industry, in addition to three credits towards their Marist undergraduate degree.

**There are no prerequisites for this class. It is open to all majors and minors.**

This course will be taught by an OSHA authorized General Industry trainer.

# Paralegal Program Certificate

Annamaria Maciocia, J.D., Director

**What is the Paralegal Program?** 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 legal assistant, in accordance with the guidelines established by the American Bar Association. The program is offered within the context of the educational purpose of the college and its commitment to a liberal arts, humanist, and value-oriented curriculum. Our program meets its objective in a number of ways. Faculty in the program are drawn from Marist faculty and from practicing lawyers and law office administrators in the Mid-Hudson area. The program encourages a generalist orientation among its students, while stressing specific competency in paralegal studies. Program matriculates may satisfy the generalist requirements by having a baccalaureate degree, by being enrolled in the College's baccalaureate program contemporaneously with enrollment in the Paralegal Program, or by having at least 36 general education college credits. Students acquire competency in paralegal studies by being required to complete successfully the following courses: Introduction to Law; Introduction to Legal Research And Writing; Family Law; Criminal Law; Real Property and Title Search; Business Law I; Wills, Trusts, Estates; and Civil Litigation and Practice. Upon graduation, students will be capable of functioning in all the required areas of study. As examples, a real estate closing, a simple will, a divorce proceeding, a memorandum of law utilizing research tools, and civil trial pleading are but some of the tasks our graduates understand and can complete. Additionally, grasping sufficient legal theory to be able to grow in the profession is required of our students. Successful completion of the program therefore qualifies graduates to serve the many legal needs of the Mid-Hudson area, while contributing to the advancement of the legal profession. The program combines required paralegal courses with general education courses. In order to receive the Paralegal Certificate, undergraduates accepted into the Paralegal Program are required to matriculate and pursue a major field of study leading to the baccalaureate degree. The certificate will be awarded after a student has completed all of the course requirements in paralegal studies (24 credits) and at least 36 additional credit hours toward the Marist baccalaureate degree. Students already holding baccalaureate degrees are eligible to receive the Paralegal Certificate upon completion of the paralegal course requirements (24 credits). The Paralegal Certificate Program is approved by the American Bar Association.

## Requirements in the Paralegal Program

### *Course Requirements in Paralegal Studies*

**24 cr**

PRLG 101 Intro to Law  
PRLG 210 Intro to Legal Research and Writing  
PRLG 311 Family Law  
PRLG 312 Criminal Law  
PRLG 313 Real Property and Title Search  
PRLG 380 Business Law I  
PRLG 420 Wills, Trusts, Estates  
PRLG 422 Civil Litigation and Practice

### **Total Paralegal Course Credits**

**24 cr**

Additional course credits 36 cr (Non-degree holders admitted to the program)

### **Total Credit Requirement for Paralegal Certificate for Non-Degree Holders**

**60 cr**

Marist undergraduates must also fulfill their major field requirements for their degrees. All 36 non-paralegal course credits, including transfer credits, must be acceptable towards a Marist degree.

# Philosophy Minor

Georganna Ulary, Ph. D., Department Chair

**What is Philosophy?** Philosophy wants to know the answers to the deepest questions that we can ask. What is reality? (Metaphysics) How do I get to know what it is like? (Theory of knowledge or Epistemology) What should I do here? (Ethics) How should we human beings live together? (Political Philosophy) Why would I feel empty without music or film or painting or some other form of art to enjoy? Why—wherever and whenever my fellow human beings exist – do they always produce it? (Philosophy of Art or Aesthetics).

## 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 211 Modern Philosophy  
PHIL 321 Medieval 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 field of study.\*\*

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# Photography Minor

Matt Frieburghaus, M.F.A., Department Chair

**What is Photography?** Photography is a newly created minor at Marist. Students will progress through the foundations of photography to advanced methods of photography as well as using the newest techniques and technologies associated with photography.

## 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

*Advisors for all Majors and Minors at Marist can be found in the online  
Advisor Directory at: [www.marist.edu/directory/](http://www.marist.edu/directory/)*

# Political Science Minor

JoAnne Myers, Ph.D., Department Chair

**What is Political Science?** Political Science, the critical study of politics and government, addresses the question: “Who gets what, when and how?” The discipline’s key concept is “power”. Major sub-branches include political theory, public policy and administration, American politics, comparative government and international relations. Faculty combine theory and practice to provide students with a better understanding of political parties, interest groups, campaigns, law, justice and international relationships. Marist’s Bachelor of Arts in Political Science imparts the skills necessary to succeed in a wide variety of exciting careers. A Minor in Political Science and concentrations in Public Administration and Public Opinion are available. The Faculty invites you to consult the Political Science Web Site at <http://www.academic.marist.edu/political/> to learn about the accomplishments of alumni and faculty. The department takes full advantage of the renowned Marist Institute for Public Opinion, Pi Sigma Alpha, Political Science Club, the FDR Presidential Library and the Center for Civic Engagement and Leadership.

## Requirements for a Minor in Political Science

One course at the 100 level from two of the following subfields: 6 cr

Political Theory:

POSC 112 Introduction to Political Theory

Global Politics:

POSC 111 Introduction to Comparative Politics

POSC 113 International Relations

American Politics:

POSC 110 American National Government

One POSC course from two of the following subfields: 3 cr

Political Theory:

POSC 218 American Political Theory

POSC 232 Classical Political Thought

POSC 233 Modern Political Thought

Global Politics:

POSC 213 Politics of Human Rights

POSC 236 Politics of Developing Areas

POSC 251 European Politics

POSC 252 Comparative Politics of Russia/Eastern Europe

POSC 255 Political Economy: The Rise of the Asia/Pacific

POSC 271 Nationalism and Communism in China and Taiwan

POSC 280 ICONS: International Communication and Negotiation Simulations

POSC 290 International Law and Organization

American Politics:

POSC 202 Environmental Politics & Policy

POSC 210 US Constitutional Law

POSC 211 American State & Local Politics

POSC 212 Political Parties and Interest Groups

POSC 214 Gender & the Law

POSC 240 Introduction to Public Policy

POSC 289 Public Opinion & Politics

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

**Total credit requirement for a Minor in Political Science 21 cr**

# Product Development Minor

Radley Cramer, B.S., Program Director

**What is Product Development?** More and more often today the fashion industry turns to the merging of creative design aspects and merchandising insights to create new saleable products and designs. The Fashion Program prepares students to pursue careers in Product Development with this minor that explores fashion trend, global production and sourcing, branding and licensing, and other pertinent aspects of the fashion industry. The Product Development minor is available to Fashion Design or Fashion Merchandising majors.

## Requirements for a Minor in Product Development

<b>Required Courses:</b>	9 cr
FASH 200 Textiles	
FASH 318 Product and Sourcing in the Apparel Industry	
FASH 300 Product Development	
<b>Select Three:</b>	9 cr
FASH 267 Textile Design	
FASH 325 Private Label Development	
FASH 341 Fashion Branding & Licensing	
FASH 379 Knitwear Design	
FASH 415 Advanced Fashion PDM Software	
FASH 455 Global Merchandising Strategies	
<b>Total Credit Requirement for a Minor in Product Development</b>	<b>18 cr</b>

# Professional Writing Minor

Eileen Curley, Ph.D., Department Chair

**What is Writing?** The Professional Writing minor allows students to explore the intersections of writing and many businesses and industries. Students will learn how professionals solve information problems. They will discover how to develop persuasive professional arguments to effect change. By creating effective professional documents, students will work towards solving complex problems and supporting information campaigns.

## Requirements for a Minor in Professional Writing

### *Foundation Courses*

ENG 218 Grammar, Style, and Editing  
ENG 222 Intro to Professional Writing

6 cr

### *Upper-Level Writing Requirements*

Four of the courses below:

ENG 312 Business Writing  
ENG 313 Writing in the Digital Age  
ENG 352 Technical Writing  
ENG 380 Nonfiction Workshop  
ENG 392 Special Topics (in Writing)  
ENG 490 Independent Study in Writing  
ENG 497 Professional Writing Internship

12 cr

**Total Credit Requirement for a Minor in Writing**

**18 cr**

# Psychology Minor

C. Ryan Kinlaw, Ph.D., Department Chair

**What is Psychology?** Psychology is the scientific study of human behavior, thoughts, and emotions. Psychologists may engage in research or practice skills in a variety of settings. The field of psychology is a multifaceted discipline consisting of sub-fields such as clinical, cognitive, community, counseling, developmental, forensic, educational, evolutionary, health, industrial/organizational, and experimental.

## Requirements for a Minor in Psychology

PSYC 101 Intro to Psychology

3 cr

Any five Additional PSYC Courses, Selected From  
No Less Than Three of the Following Five  
Elective Categories:

15 cr

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

**Total Credit Requirement for a Minor in Psychology**

**18 cr**



# Public Opinion Concentration

Lee M. Miringoff, Ph.D., Director, Marist Institute for Public Opinion

**What is Public Opinion?** Marist College offers an undergraduate concentration in Public Opinion. Associated with the activities of the Marist Institute for Public Opinion, the concentration provides students with the opportunity to enhance their understanding of the research methods associated with the measurement of public opinion, the processes involved with its communication, and the impact of public opinion upon society. Students learn the various aspects of conducting public opinion research, the broader theoretical contexts that guide public opinion research, and current value issues in the field.

## Requirements for a Concentration in Public Opinion

MATH 130 Intro to Statistics I	3 cr
POSC 110 American Natl Govt	3 cr
POSC 211 Amer State and Urban Politics OR	
POSC 212 Political Parties and Pressure Groups	3 cr
POSC 338 Political Communication and Politics	3 cr
POSC 339 Public Opinion and Politics	3 cr
POSC 342 Survey Res and Political Data Anal	3 cr
POSC 235 Scope Methods of Political Anal	4 cr
<b>Total Credit Requirement:</b>	<b>22 cr</b>

# Religious Studies Minor

Georganna Ulary, Ph. D., Department Chair

**What is the Religious Studies Minor?** Religion is both the source of expression for much of humanity's self-understanding. Fundamental questions about existence, identity, and values are addressed through religious "worlds of meaning". At various times in recent history, religion has been disparaged as oppressive (Marx) criticized as an illusion (Freud) or dismissed as irrelevant (the post-Holocaust "God is Dead" movement). Nonetheless, religious sources and expression continue to provide the central texts, symbols, and paths of transformation for individuals and societies throughout the world.

The study of religion is also at the heart of contemporary program of liberal studies. It has been extolled as "Interdisciplinary multiculturalism in wild and glorious bloom" (R. Eastman). Such as grand assessment can only make sense when one considers the almost boundless range of geography, history, languages and cultures that encompass the field. Perhaps no other area of liberal studies has brawn comparable attention and contributions from such diverse disciplines as archeology, art, literature, philosophy, theology, sociology, history, psychology, and political science.

## Religious Studies at Marist

Religious Studies course at Marist are not only integrated into the Core program, but are also available as electives and as areas of more in-depth study (including the minor programs in Religious Studies and Catholic Studies). The department offerings are taught with an emphasis on both the academic and experiential insights gained from religion as a "living and growing organism" (T. Ludwig). While the department highly values the Catholic tradition handed down from the Marist Brothers who founded the College, Religious Studies courses are non-confessional. Instead, the emphasis is placed on appreciating the historic, cultural and critical development of this vital branch of study, and inquiring into the role of religion with regard to contemporary moral problems.

## Requirements for a Minor in Religious Studies

Two introductory courses selected from the following: 6 cr

REST 107 Intro to Religion  
REST 201 Religion in America  
REST 208 Judeo-Christian Scriptures

Four other REST courses: 12 cr

**Total Credit Requirement for a Minor in Religious Studies: 18 cr**

# Social Work Minor

Daria V. Hanssen, Ph. D., LCSW, Department Chair

**What is Social Work?** Social workers are people who care about people; who want to make things better, who want to relieve suffering; who want their work to make a difference. Social Work is a profession devoted to helping people function the best they can in their environment. This can mean providing direct services on a one-to-one basis. It also means working for change to improve social conditions. Some of the main areas of specialization include health care, mental health, school, family services, child welfare, chemical dependence, gerontology, clinical and occupational.

## Requirements for a Minor in Social Work

SOC 101 Introduction to Sociology	3 cr
SOCW 230 Introduction to Social Work	3 cr
Any Three additional elective courses in Social Work AND/OR SPAN 292 Spanish for the Human Services	9 cr
<b>Total Credit Requirement for a Minor in Social Work</b>	<b>15 cr</b>

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# Sociology Minor

Daria V. Hanssen, Ph. D., LCSW, Department Chair

**What is Sociology?** Sociology involves the systematic study of human behavior in the social environment including the effect of social forces on people's attitudes and behavior and how attitudes and behaviors differ across time and social groups, from small primitive societies to large, complex, modern organizations.

## Requirements for a Minor in Sociology

SOC 101 Introduction to Sociology	3 cr
SOC 336 Social Inequality	3 cr
SOC 341 Social Change	3 cr
SOC 440 Social Theory	3 cr
SOC 450 Qualitative Social Research Methods OR SOC 480 Social Research Methods	3 cr
Any One additional elective course in sociology AND/OR HIST 130 Introduction to Women's Studies MDIA 325 Documentary Film MDIA 326 Race & Ethnicity in Film MDIA 335 Gender and Media SPAN 270 Cultures of Hispanics in the US POSC 303 Politics of Prejudice	3 cr
<b>Total Credit Requirement for a Minor in Sociology</b>	<b>18 cr</b>

# Studio Art Minor

Matt Frieburghaus, M.F.A., Department Chair

**What is Studio Art?** Studio Art is an exploration of the visual arts. The courses help you to enhance your abilities to produce works of art in various media. You might take classes in drawing, painting, photography, etc., to help you to better express yourself through your art and combine your studies in other disciplines with an increased awareness of the visual arts.

## 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

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# Theatre Minor

Matt Andrews, M.F.A., Director of Theatre Program  
Eileen Curley, Ph.D., Department Chair

**What is Theatre?** The minor in Theatre offers students an integrated training program in a liberal arts environment. The goal of the minor is to educate students in the art and craft of theatre. Students are exposed to the breadth of the discipline and have the opportunity to focus their study through electives. The Theatre minor complements several major courses of study, such as Communication, Media Studies and Production, Art & Art History, Business Administration, Psychology, English and Political Science.

## Requirements for a Minor in Theatre

ENG 150 Intro to Theatre 3 cr  
ENG 227 Acting I 3 cr  
ENG 228 Stagecraft 3 cr  
ENG 350 Directing 3 cr  
ENG 356 Global Drama 3 cr

Any two Theatre Electives: 6 cr

ENG 241 Acting II  
ENG 349 Acting III  
ENG 310 Workshop in Playwriting  
ENG 320 English Drama  
ENG 325 Shakespeare  
ENG 341 American Drama  
ENG 349 Acting III  
ENG 363 Modern Drama  
ENG 435 Theatre in the Round  
ENG 451 Theatre Workshop  
Appropriate Special-Topics course  
Theatre Internship

**Total Credit Requirement for a Minor in Theatre** 21 cr

# Women's, Gender, and Sexuality Studies Minor

Kristin Bayer, Ph.D., and Angela Laflen, Ph.D., Co-Directors

**What is the Women's, Gender, and Sexuality Studies Minor?** It is a multidisciplinary academic program that focuses on gender as a significant cultural and cognitive category. The minor in WGSS exposes students to the intellectual, political, and aesthetic contributions of women to human culture, and examines how gender has influenced the lives, status, and opportunities of all people. Attention is paid to the ways in which gender intersects with race, class, and ethnicity to shape social and political structures and individual experiences. Courses provide students with a critical approach to the study of history, political science, literature, philosophy, religion, economics, communication, social sciences, the natural sciences, and management, incorporating scholarship on women, gender, and feminist theory. The program advances the Marist tradition of preparing students to develop a global perspective that recognizes and respects diversity. Students are required to take an interdisciplinary Introduction to Women's Studies course and five other courses distributed among at least two different disciplines for a total of 18 credits. Courses that may be applied to the minor include the following regular offerings, as well as designated special topics and cross-disciplinary courses and include all study of gender issues.

## Requirements for a Minor in Women's Studies

HIST 130 Introduction to Women's Studies 3 cr  
Five additional designated courses from two different disciplines 15 cr (see below)

*Regular offerings (Please see appropriate discipline for full description.)*

BIOL 232 Sex, Evolution, and Behavior  
COM 350 Sex and Media  
COM 400 Gender and Communication  
ECON 200 Economics of Gender  
ENG 220 Literature and Gender  
HIST 232 U.S. Women's History  
HIST 267 Women in Asia  
HIST 314 Witchcraft and Sorcery in Pre-Modern Europe  
HIST 325 History of American Feminism  
HIST 332 Women and Religion in America  
WMST 385/MDIA 335 Gender and Media  
POSC 314 Gender and the Law  
POSC 320 Feminist Political Thought  
PSY 206 Psycho-Biological Sex Differences  
PSY 331 Psychology of Women  
SOC 336 Social Inequity  
SOC 341 Social Change  
SPAN 370 Latin American Women Writers

**\*\*Other courses to be approved in advance by the Co-Directors\*\***

**Total number of credits for a Minor in Women Studies 18 cr**

## Sources of Career Information

(Reprinted from the *Occupational Outlook Handbook*)

**Career information.** Listed below are several places to begin collecting information on careers and job opportunities.

**Personal contacts.** The people close to you -your family and friends - can be extremely helpful in providing career information. They may be able to answer your questions directly or put you in touch with someone else who can. This type of networking can lead to meeting someone who can answer your questions about a specific career or company, and who can provide inside information and other helpful hints. This is an effective way to learn the type of training necessary for a certain position, how someone in that position entered the field, the prospects for advancement, and what they like and dislike about the work.

**Public libraries, career centers, and guidance offices.** These institutions maintain a great deal of up-to-date career material. To begin your library search, look at the computer listings under "vocations" or "careers" and then under specific fields. Check the periodicals section, where you will find trade and professional magazines and journals about specific occupations and industries. Familiarize yourself with the concerns and activities of potential employers by skimming their annual reports and other information they distribute to the public.

You can also find occupational information on video, in kits, and through computerized information systems. Don't forget the librarians; they can be a great source of information and can save you time by directing you to the information you need.

Check your school's career centers for programs such as individual counseling and testing, guest speakers, field trips, and career days. Also, read through any pamphlets that describe employment. Always assess career guidance materials carefully. Information should be current. Beware of materials that seem to glamorize the occupation, overstate the earnings, or exaggerate the demand for workers.

**Advisors.** You may wish to seek help from a coach. These professionals are trained to help you discover

your strengths and weaknesses, guide you through an evaluation of your goals and values, and help you determine what you want in a career. The coach will not tell you what to do, but will administer interest inventories and aptitude tests, interpret the results, and help you explore your options. Coaches also may discuss local job markets, and the entry requirements and costs of the schools, colleges, or training programs offering preparation for the kind of work that interests you.

**Web Resources.** The growth of on-line listings has made available a wide variety of resources at your fingertips—24 hours a day, 7 days a week. Many companies, professional societies, academic institutions, and government agencies maintain on-line resources or homepages with the latest information on their organization and its activities. Listings may include information such as government documents, schedules of events, job openings, and even networking contacts. Listings for academic institutions often provide links to career coaching and placement services through career resource centers, as well as information on financing your education. Colleges and universities also offer on-line guides to campus facilities and admission requirements and procedures.

The variety of career information available through the Internet provides much of the same information available through libraries, career centers, and guidance offices. However, no single network or resource will contain all desired information, so be prepared to search a variety of different places. As in a library search, look through various lists by field or discipline, or by using particular keywords.

**Professional societies, trade associations, labor unions, business firms, and educational institutions.**

These organizations provide a variety of free or inexpensive career material. Many are listed in the *Occupational Outlook Handbook*. Also, consult directories in your library's reference section for the names of potential sources. You may start with *The Guide to American Directories* or *The Directory of Directories*. Another useful resource is *The Encyclopedia of Associations*, an annual publication listing trade associations, professional societies, labor unions, and fraternal and patriotic organizations.

## Career Information

Where can you find information about majors and careers? There is a lot you can learn using online and hardcopy resources, as well as career professionals.

- **Center for Career Services**      <http://www.marist.edu/careerservices>      Follow us on    
- **Cannavino Library**      <http://library.marist.edu/>
- **Occupational Outlook Handbook**      <http://www.bls.gov/ooh/>

Find the training and education needed for individual careers; earnings; expected job prospects; what workers do on the job; working conditions; and links to professional associations. This online book is available in English or Spanish.

- **The Bureau of Labor Statistics**      <http://www.bls.gov/>  
Locate up-to-date information on employment and salaries nation-wide.
- **O\*NET**      <http://www.onetonline.org/>  
Research the details of particular occupations.
- **NY career Zone**      <https://www.careerzone.ny.gov/views/careerzone/index.jsf>  
Follow your interests to logical career options. Includes videos.
- **Career One Stop**      <http://www.careeronestop.org/>  
Browse different career options as well as typical salaries. Explore resume and interview tips. This is a resource for both jobseekers and employers.
- **FOCUS 2**      <https://www.focuscareer2.com/portal/login.cfm?SID=1001>  
A self-paced, online career and education planning tool for college students and alumni. The access code needed to set up an account on FOCUS 2 is MaristRedFoxes. A Marist email address must be used to establish an account.
- **Candid Career**      <http://www.marist.edu/careerservices/> (scroll down to icon)  
View videos of hundreds of career professionals talking about their careers and how you can get involved.
- **LinkedIn**      <https://www.linkedin.com/>  
Join the Marist Alumni Association Group to network with alumni.
- **FoxQuest**      From: <http://www.marist.edu/>  
Click on Current Students, then click on FoxQuest under online services. Once on the FoxQuest welcome page, click on Resources to find Career Explorer and Career Finder in the drop down menu.



# CENTER FOR CAREER SERVICES

## ONLINE PROGRAMS

**Candid Career** • **CareerShift** • **FOCUS 2** • **FoxQuest** • **InterviewStream**

### What is Candid Career?

- Similar to YouTube, Candid Career is a fun way to explore careers
- Watch video interviews with actual career professionals
- Get tips and advice on how to enter the field and succeed
- Search interviews by major, job title, industry, or keyword
- There are hundreds of interviews: Journalist, TV Writer/Director, Attorney, and many more!
- Go to: [www.candidcareer.com/Marist](http://www.candidcareer.com/Marist)

### What is CareerShift?

- Search, select, and store job listings from all job boards and all company job postings
- Find Marist alumni by entering "Marist College" in the Contacts section
- Get up-to-date contact information, including email addresses, for millions of companies
- Access in-depth information about contacts and companies posting jobs
- Record, save, and store your correspondence history records automatically
- Create personal marketing campaigns easily-- including unlimited resumes and cover letters-- and save them to access, print, or email
- Manage your confidential CareerShift account securely from any computer 24/7 to update and maintain your organized and recorded job search
- You must log onto **FoxQuest** to access **CareerShift** - Click on the **FoxQuest** icon on the Career Services homepage

### What is FOCUS 2?

- An online career guidance program for students and alumni
- Take inventories on your interests, skills, work values, personality, and leisure activities
- Look at careers based on the inventory results
- Use the careers database to learn more about careers that interest you
- Look up careers related to Marist majors
- Go to: [www.marist.edu/careerservices](http://www.marist.edu/careerservices) and click on **Students**, then on **My Major and Career Plans**. Click on **FOCUS 2**, then on **New User? Click Here to Get Started**. Enter this access code: **MaristRedFoxes** (exactly as it appears here). Use your Marist email to set up your account.

### What is FoxQuest?

- Job/Internship Openings: View and apply to quality job postings that are targeted directly to Marist
- Extended Job Search: Search thousands of additional postings offered by DirectEmployers Association
- Job Search Agents: Receive automatic notifications of new job postings that meet your preferences
- Resume Wizard and Document Storage: Create and store resumes, cover letters, and other documents
- FoxQuest will never distribute your information to a third party; no Direct Marketing to Students
- Go to [www.marist.edu](http://www.marist.edu) and click on **Current Students**. Under **Online Services** click on **FoxQuest - Internship & Career Opportunities**.

### What is InterviewStream?

- An online simulator that lets you see and hear yourself responding to interview questions
- Choose from dozens of interview question sets
- Record yourself right on the system
- See/hear yourself as the interviewer does
- Send your interview to be reviewed by anyone you choose
- Go to: <http://marist.interviewstream.com> and click on **Register** if you don't have an account (it's under the Password space).

# Internships

## **What Are Internships?**

Internships enable students to integrate their academic studies with periods of employment related to their career goals. It is a program of educational enrichment designed to enhance students' academic and personal development in preparation for careers. Students are supervised by internship faculty advisors in off-campus, full or part-time internship experiences, related to their studies and/or career interests. The program is designed to provide students with practical field experience while giving employers access to resourceful students preparing for professional positions. Internships are available in all major credit-bearing areas of study currently offered at Marist. Internships may be arranged for the fall, spring or summer terms. Since academic credit is awarded upon completion of the field experience, tuition must be paid according to the number of credits attempted.

## **Who is Eligible for Internships?**

Students must meet the following requirements:

- Matriculation in a bachelor's degree program
- Completion of 60 credits, at least 12 of which were earned at Marist
- Minimum GPA of 2.50
- Completion of courses that relate to the duties to be performed at the work site
- Approval of the division Faculty Coordinator prior to registering for internship credit

In addition, students must also meet the necessary qualifications established by the participating employer.

Note: Internship credits are not granted for existing full-time or part-time jobs. All elective internship credits are counted as non-liberal arts elective credits. The Internship Program annually recognizes graduating seniors by presenting the Marist College Intern of the Year Awards to Marist students.

## **Below is a partial list of organizations participating in the Internship Program:**

American Cancer Society	Goldman Sachs Group	NYS Attorney General
American Heart Association	IBM Corporation	Northwestern Mutual Life
Ameriprise Financial	Institute for Ecosystems	PepsiCo. Inc.
Atlantic Records	Inside Edition- FOX 5	Poughkeepsie Journal/Gannett
Bank of America	Johnson & Johnson	Price Waterhouse Coopers
Boehringer Ingelheim	J.P. Morgan Chase & Co.	RCA Music Group
British Consulate	Kraft Foods	Simon and Schuster
CBS Sports	Kohl's Department Stores	Smith Barney
Calvin Klein	Liz Claiborne, Inc.	State Farm Insurance
Conde Naste Publishing, Inc.	MTV Network	Target Stores, Inc.
CH Energy Group	MACY's	The Hartford
CVS Caremark	Madison Square Garden	Time Warner Cable
Deloitte and Touche, LLP	Merrill Lynch	TJX
Disney ABC Media Networks	MetLife	Travelers
Ernst & Young	Morgan Stanley	UBS Financial Services
ESPN	NBC	United Parcel Service
FBI	New York State Assembly	Washington Semester Program
Franklin D. Roosevelt Library	NYS Conservation Department	Washington Semester Program
General Electric		

For more information contact Stephanie Graham, Internship Coordinator, Marist College, Poughkeepsie, NY 12601 at (845) 575-3547 or E-mail: [Stephanie.Graham@Marist.edu](mailto:Stephanie.Graham@Marist.edu) .

## **Approaching the Graduate School Decision**

### *The Calendar and Considerations Involved*

Are you thinking about going to graduate school? This decision requires time, planning and the help of faculty and staff at Marist. Making the *right* decision requires that you ask yourself:

- Why should I go to graduate school?
- Where do I want to attend graduate school?
- What might I contribute to a graduate program?

### **Exploring the Reasons for Graduate School**

There are several extremely good reasons to consider continuing your education after Marist. In terms of future employment, the pay scale tends to be higher for those with advanced degrees as compared with the salaries paid to those with just the baccalaureate. For some occupations (law, medicine, teaching, to name a few), some form of graduate training is mandatory. For other careers, such training may not be required for all positions, but does ensure advancement to positions of greater responsibility and remuneration (social work, psychology and counseling, business). For some students who are quite strongly drawn to the debates and themes within a specific discipline, attending graduate school is a compelling personal and important decision. These kinds of students very often enroll in doctoral programs to obtain the PhD.

For every good rationale for pursuing graduate study, there is a flawed or poor reason to do so. You should not decide to attend graduate school because you haven't figured out what you want to do after graduating from Marist. The graduate study decision requires as great a sense of direction as do career choices: students seek advanced study because they *know* what they want to do. Further, students who apply to graduate school just to give themselves a bit more time to figure out their paths frequently are not accepted. If they are, these students often end up floundering or becoming intimidated by the demands of graduate study. This is a shame because, with a little more time and some job experience, these individuals might very well have identified their own interests and come to thrive in a graduate program. Similarly, you shouldn't go on to graduate study to "try it out." Not only is the application process for advanced study a fairly searching one, being a grad student is an expensive and demanding proposition. Graduate study is an investment.

When you make the decision that graduate study is the right choice for you, it's time to begin identifying the appropriate schools at which to apply. Ideally, you should begin this process around the spring semester of your junior year.

### **Seeking out the Guidance and Expertise of Faculty**

Throughout your undergraduate career, Marist faculty members are essential resources. In the process of researching graduate programs, these professors are fundamental. Of course, you may have geographical preferences about the school you attend, or you may feel more comfortable either with a larger program with potentially more resources or in a small department which may ensure more individual attention. These are important considerations, and will help you to develop a short list of graduate schools. To identify those graduate programs that offer the best fit with your goals, you will also need the counsel of faculty members.

Graduate study is the stage of specialization and depth. Academic disciplines have sub-fields and emphases that shape the structure of specific graduate programs. In economics, for example, the field is broken down into micro- and macroeconomics. Political scientists may investigate domestic politics, international relations, comparative politics or political theory. The structure of graduate study will reflect these distinctions, but not all graduate programs will teach all subfields well. To identify the best programs for your specific interests, you will need to consult with Marist faculty who work in the discipline you wish to pursue. Through these consultations, you will both receive good direction and develop further the contacts you will need for graduate school letters of recommendation.

Once you have received this guidance, you can begin to examine more closely the specific attributes of the programs you have identified. Go online and research the course listings, the faculty biographies and the special features of your short-listed programs. This research will almost certainly call out aspects of some programs that have particular appeal to you. Not only aiding in narrowing your graduate school choices, this information will be highly useful in crafting your application to individual programs.

## **Presenting Yourself to Graduate Schools**

The time will come to assemble your graduate school application materials; this generally happens in the fall semester of your senior year. What goes into an application? It is commonly made up of four components:

- Your Marist transcript (where admissions committees will pay greatest attention to your coursework in the field to which you are applying);
- Graduate school admissions test scores (the GRE, the GMAT, the LSAT, and the MCAT are the most common);
- Letters of recommendation (usually three; depending on your proposed field of study, these come from faculty and/or from internship/job supervisors);
- Your graduate school statement of purpose.

When graduate school admissions committees review applications, they are looking through all of these materials for evidence of a serious commitment to the field and to making significant contributions to it.

The undergraduate transcript is self-explanatory in this regard: your Marist coursework in the graduate school field (and any other academic disciplines which relate to it) will be examined not only for the grade you earned, but for the degree of challenge presented by individual courses.

Graduate admissions exams are standardized tests measuring your potential for success in graduate study. While they do largely measure aptitude, some parts and some exams in particular (the MCAT for medical school) also measure knowledge acquired over time, particularly as an undergraduate. It is highly advisable to prepare well for these exams, either by taking a test preparation course or by using sample tests (on exam websites) and test prep books to identify areas that need extra work. These tests can be taken more than once but, past two exam administrations, some programs may come to question the value of your scores. The summer before your senior year is a good time to prepare, and you should plan to take the test by approximately October of the senior year.

Faculty recommendations weigh heavily and, with your statement of purpose, give you the opportunity to address or counterbalance any perceived weaknesses in your college transcript or test scores. They also are the means by which you acquire an individual identity in the eyes of the admissions committee. It is therefore highly important to pick your recommenders with care. These should be faculty members (or supervisors) who know you *and* your work very well, and who are able to speak to your potential for significant contributions in your chosen field --in graduate school and beyond. When you request letters, sit down and describe to these individuals the specifics of the programs you've chosen and your aspirations for study in them.

***Be sure to give your recommenders plenty of time to prepare these letters.***

Your statement of purpose for graduate study essentially tells the committee how you have evolved as a potential scholar in the field to which you are applying, how their graduate program fits --and fits extremely well--with your profile as a scholar, and where you hope to take your graduate school training five to ten years after receiving your advanced degree. It is essential that your statement be sincere and that it convey your true *voice*. Barring an on-campus interview, which a few programs do request, the statement is your one opportunity to introduce yourself personally and directly to the admissions committee.

## **Finding Additional Graduate School Information**

Additional information and support for graduate school applications is available from the **Graduate School and Fellowship Advisor** in the Career Services Office.

The Career Services Library has a broad selection of volumes on:

- Graduate school listings
- Graduate school culture, expectations and survival
- Guidance on writing grad school admissions essays
- Graduate school admissions exams

For information on specific graduate programs and links to them:

<http://www.GradSchools.com>

For specifics on the graduate admissions exams and prep courses, please see:

<http://www.marist.edu/careerservices/prepcour.html>

Details on fellowship funding for graduate study are available at:

<http://www.marist.edu/academics/scholarships>

# *The Academic Learning Center*

## *Courses and Programs for Undeclared Students*

**FOCUS PROGRAM:** This is a year-long, academically based freshman success program. FOCUS provides resources and information for first year students to assist them in making a successful transition from high school to college, and in making informed choices about their course of study and future career options. (3 credits in the fall and 1 credit in the spring)

**THE COLLEGE EXPERIENCE:** This course addresses the needs of freshmen who have not declared a major. Topics include: transition issues, information on schools, majors, the Core, time management, study skills and stress management. (1 credit)

**MAJORS and MINORS FAIR:** This annual fall event brings together representatives from all majors offered at Marist College. Students are given the opportunity to speak with Deans, faculty and upperclassmen in their major areas of interest.

**SELF-DEVELOPMENT:** Exposes students to a practical self-management model that enables them to increase academic and personal achievement in a college environment. (3 credit elective course, offered every fall and spring semester)

**CAREER PLANNING and DECISION MAKING:** This course helps students identify and discover career-related skills, interests, personality styles and possible career paths related to majors at Marist in order to help the student focus on career plans. (1 credit, offered every fall and spring semester)