2023-2024
CATALOG ADDENDUM

Undergraduate and Graduate Programs

JUNE 1, 2023

MARIST COLLEGE
3399 North Road, Poughkeepsie, NY 12601

Undergraduate Programs

DUAL DEGREE: B.S. BIOLOGY / M.S. ATHLETIC TRAINING

MICHAEL POWERS, PH.D., ATC, EMT, CSCS, *Director*

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BIOLOGY, HUMAN BIOLOGY AND MASTER OF SCIENCE IN ATHLETIC TRAINING

1.0 Course Requirements in Biology

BIOL 130 General Biology I	4 cr
BIOL 131 General Biology II	4 cr
BIOL 201 Human Anatomy & Physiology I	4 cr
BIOL 202 Human Anatomy & Physiology II	4 cr
BIOL 312 Microbiology	4 cr
BIOL 320 Genetics	4 cr
BIOL 477 Biology Capping	3 cr
BIOL 494-498 Biology Internship	1 cr
Biology Elective courses at the 300-400 level*	7 cr

*These elective credits must be selected from 300-400 level BIOL classes at Marist, not including internships or research, and are not used to satisfy other requirements for the major. At least one class must be a 4-credit BIOL course that has a laboratory component.

Students in this concentration may not take BIOL 340 and BIOL 440 as Biology Electives (but may request to substitute BIOL 340 and 440 for BIOL 201 & 202). All 300-400 level BIOL classes have as prerequisites a grade of C or higher in BIOL 130 & 131 General Biology I & II.

Upper-level BIOL classes that qualify as 4-credit classes with a lab:

- BIOL 328 Cell Biology
- BIOL 360 Ecology
- BIOL 420 Invertebrate Zoology
- BIOL 421 Parasitology
- BIOL 430 Developmental Biology
- BIOL 435 Plant Physiology
- BIOL 460 Biotechnology
- BIOL 493 Molecular Biology

Credit requirements in Biology 35 cr

Students matriculated at Marist and majoring in Biology are expected to take all BIOL courses at Marist. Exceptions will be considered under special circumstances, as when students get abroad offerings pre-approved. Transfer students must complete a minimum of 12 credits in 300-400 level BIOL classes at Marist (not including internships or research). Students must earn a C or higher in both BIOL 130 (General Biology I) and BIOL 131 (General Biology II). Note: Students may request to take BIOL 340 & BIOL 440 instead of BIOL 201 and BIOL 202, but those who take BIOL 340 and/or BIOL 440 for credit may not take BIOL 201 and/or BIOL 202 for credit, and students who take BIOL 201 and/or BIOL 202 may not take BIOL 340 and/or BIOL 440 for credit.

2.0 Course Requirements in Related Fields

HLTH 110 Introduction to the Health Professions	1 cr
PHIL 200, 301, 302, 346, 347, 348, BUS 319, COM 330 or PSYC 309	3 cr
MATH 130 Intro Statistics I	3 cr
MATH 241 Calculus I, MATH131 Intro Statistics II or DATA 220 Intro to Data	3-4 cr
CHEM 111 & 115 General Chemistry I & Lab	4 cr
CHEM 112 & 116 General Chemistry II & Lab	4 cr
CHEM 201 & 202 Principles of Organic Chemistry & Lab	4 cr

Chemistry or Physics option:

CHEM 301 & 302 Principles of Biochemistry and Lab OR	4-8 cr
PHYS 201, 202, 213 & 214 College Physics and Physics Lab I and II OR PHYS 211, 212, 213 & 214 General Physics and Lab I and II	

Related Fields Electives in M.S. Athletic Training: 9 cr

BIOL courses for which BIOL 130-131 are prerequisites and are not used to satisfy other requirements for the major.
Note: Students who take BIOL 201 and/or BIOL 202 for credit may not then take BIOL 340 and/or BIOL 440 for credit

BIOL internships and/or research (3-credit maximum) not used to satisfy other requirements of the major - note that all BIOL research credits require an oral presentation summarizing the accomplishments of the student's research at the end of the semester in which the credits were earned.
CHEM courses for which CHEM 111-112 are prerequisites and are not used to satisfy other requirements for the major.
HLTH 202 or 206 (not both)

Any HLTH class that has BIOL 130-131 as a prerequisites
MATH courses numbered above 131 and are not used to satisfy other requirements of the major
MEDT courses numbered 200-400
PHYS 201 & 202 College Physics I & II OR PHYS 211 & 212 General Physics I & II if not used to satisfy other requirements of the major (Students may not apply both to satisfy the requirements of the major.)
PHYS 213 & 214 General Physics I & II Labs if not used to satisfy other requirements of the major
CMPT 120, 220, 221, or 308, DATA 220, 300 or 450, PSYC 301, 302, 303, 304, 305, 306, 308, 350, 351 or 420

Credit requirements in Related Fields		35-40 cr
Credit Requirement in Biology: Human Biology Concentration:		70-75 cr
3.0 Core/Liberal Studies Requirements		
3.1 FOUNDATION		
FYS 101 First Year Seminar	4 cr	
ENG 120 Writing for College	3 cr	
	7 cr	
3.2 DISTRIBUTION		
Breadth		
PHIL 101 Philosophical Perspectives	3 cr	
Ethics, Applied Ethics or Religious Studies	0 cr (fulfilled by major field req.)	
Fine Arts	3 cr	
History	3 cr	
Literature	3 cr	
Mathematics	0 cr (fulfilled by major field req.)	
Natural Science	0 cr(fulfilled by major field req.)	
Social Science	3 cr	
	15 cr	
Pathway*	12 cr	
Courses addressing an interdisciplinary topic.		
Total Core/Liberal Studies Requirement		34 cr
4.0 Electives		
12 graduate ATHT credits may be taken at the Undergraduate Level		11-16 cr
Total Credit Four-Year Requirement for Graduation		120 cr
5.0 Graduate Program		58 cr
Total Credit Requirement for B.S./M.S. Program		**178 cr**

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

In order to graduate in this major, the student must have a minimum overall 2.0 GPA in all Biology courses taken to satisfy the major, an overall 2.0 GPA in all course taken to satisfy the major, as well as the minimum cumulative 2.0 GPA.

ENVIRONMENTAL EARTH SCIENCE

RICHARD FELDMAN, PH.D., *Chairperson*

MISSION:

Similar to the missions of Marist College and the School of Science, this program aims to develop the intellect, character, and skills of our students in ways that prepare them for careers as environmental Earth scientists who live enlightened, ethical, and productive lives as part of a global society.

GENERAL DESCRIPTION AND REQUIREMENTS

Our environmental Earth science major is focused around outdoor-based, hands-on courses that take advantage of our prime access to a variety of unique forest, river, and mountain sites here in the Hudson River Valley region. We develop scientific intellect within our majors through curricular experiences that emphasize project-based work that puts theory into practice. These projects utilize a variety of evidence-based, scientific disciplinary lenses to grow within our students an integrated understanding of the complex dynamics of environmental Earth systems. Our majors develop their character as they gain or expand their passions for addressing complex problems confronting environmental systems locally to globally. Our reliance on project-based courses helps students understand how to solve these challenges through applied, real-world approaches, and helps foster within students both individual and team-based work ethics. Beyond our emphasis on outdoor, field-based approaches, students also develop numerous skills in lab-based and computational methodologies that competitively prepare them for entering the environmental workforce, and graduate and professional schools. These approaches to building our student's intellect, character and skills create scientists adept at project-based work, creative problem solving, quantitative reasoning, and effective verbal, written, and visual communication.

Students interested in becoming a teacher of environmental or earth sciences are encouraged to consider the Marist Education Department's Dual Degree BA/MAT program leading to dual certification in Adolescent Education – Earth Science and Students with Disabilities, grades 7 – 12. See the Education section of the undergraduate College Catalog for more information about the program as well as undergraduate perquisites. Students may also refer to the Graduate Catalog.

REQUIREMENTS FOR A BACHELOR OF ARTS IN ENVIRONMENTAL EARTH SCIENCE

1.0 Course Requirements in the Environmental Earth Science

ENSC101L: Environmental Issues	3 cr
ENSC 202L: Environmental Politics and Policy	3 cr
ENSC210L: Geology	3 cr
ENSC212L: Geology Lab	1 cr
ENSC 230L: Introduction to GIS	3 cr
ENSC 325L: Water and Climate	3 cr
ENSC 365L: Earth System Science	4 cr
ENSC441L: Research or ENSC398L: Internship	3 cr
ENSC 477L: Capping – Environmental Science and Human Values	3 cr

Credit Requirements in the Environmental Earth Science 26 cr

2.0 Course Requirements in Related Fields

CHEM 111L: General Chemistry I	3 cr
CHEM 115L: General Chemistry Lab	1 cr
PHYS 108L: Introduction to Cosmology	3 cr
PHYS 201L: College Physics I	3 cr
PHYS 213L: Physics Lab I	1 cr
MATH 130L: Intro to Statistics	3 cr
MATH 115L: Calculus with Management	3 cr
POSC 110L: American National Government	3 cr

Credit Requirements in Related Fields 20 cr

Credit Requirement in Environmental Earth Science 46 cr

3.0 Core/Liberal Studies Requirements (for undergraduate programs)

3.1 Foundation Requirements

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

3.2 Distribution Requirements

Breadth

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

Pathway 12 cr

Total Core/Liberal Studies Requirement 34 cr

4.0 Electives 40 cr

Total Credit Requirement for Graduation 120 cr

GLOBAL STUDIES

MICHAEL O'SULLIVAN, PH.D**.,** *Director*

MISSION:
The Global Studies major will prepare its majors for success in the global community of the 21st century. The students will deepen their understanding of how our increasingly interdependent and multicultural world operates. They will learn new skills including several courses in a world language. The key focus of this major will be equipping the students with the necessary skills that will prepare them for enlightened, ethical and productive lives in their pursued profession or further graduate study after completing their undergraduate degree. Some of the skills that will be developed through the curriculum include research, writing, language acquisition and/or literary analysis. Several classes that the students will be able to take will focus on ethical issues in the international system, and many others will concentrate on sharpening the students' intellectual abilities through research projects. Furthermore, by exploring the complexities of politics, culture, languages, literatures, economics, history and religion globally, the students will build their character and further learn how to be productive, responsible and ethical global citizens.

Global Studies Foundation (6 credits)

GBST 103 Introduction to Global Studies
GBST 477L Global Studies Capping[1]

[1] Double major can count their capping class in their other major towards their global studies degree as long as their capping final project is global in focus

Global Studies Concentration (15 credits)

European Studies Select five from the following; two must be at the 300-level or higher

FREN 250 French Culture and Thought
FREN 251 Contemporary France
FREN 305 Studies in French Film and Literature
FREN 330 Modern Literary Perspectives: 20th & 21st Centuries
ITAL 250 Civilizations of Italy
ITAL 307 Italian Literature
ITAL 308 Italian Cinema

SPAN 250 Cultures of Spain
SPAN 315 The Experience of Hispanic Literature
SPAN 330 Themes Spanish Cinema
SPAN 421 Spanish Literature of the 18th and 19th Centuries
SPAN 422 Contemporary Spanish Literature
SPAN 424 Cervantes
SPAN 425 Literature of the Golden Age
ENG 261/SPAN 222 Spanish Literature in Translation: The Novel
ENG 363 Modern Drama
ENG 370 Modern Jewish Literature
HIST 207 The Holocaust
HIST 249 Early Modern Europe
HIST 252 Modern Europe
HIST 263 Eastern Europe and Russia from 1928 to the Present
HIST 349 Modern Germany: Between Dictatorship and Democracy
PHIL 323 19th Century Philosophy
PHIL 325 Contemporary Continental Philosophy
PHIL 340 Marx and Marxism
POSC 251 European Politics (prerequisite: POSC 111 or 113)
REST 209 World Religions

Africana, Asian, and Latin American Studies - Select five from the following; two must be at the 300-level or higher

FREN 251 Contemporary France
FREN 315 French Literature of Africa and the Caribbean
FREN 322 Seminar in Francophone Studies
FREN 330 Modern Literary Perspectives: 20th & 21st Centuries
ITAL 250 Civilizations of Italy
SPAN 260 Cultures of Latin America
SPAN 270 Cultures of Hispanics in the US
SPAN 315 The Experience of Hispanic Literature
SPAN 335 Themes in Latin American Cinema
SPAN 370 Latin American Women Writers
SPAN 430 Spanish American Literature I
SPAN 431 Spanish American Literature II
SPAN 433 Lit. of the Hispanic Caribbean
ART 256 Chinese Art
ENG 264/ SPAN 220 Latin American Literature in Translation
ENG 356 Global Drama
HIST 242 Intro to the African Diaspora
HIST 257 Women in Asia
HIST 269 Modern Asia
HIST 271 Modern China
HIST 274 Modern Latin America
HIST 280 Modern Africa
HIST 318 Drug Trade in Asia (prerequisite: six credits in history)
HIST 313 The Vietnam War (prerequisite: six credits in history)
HIST 375 Race Relations in Latin American History (prerequisite: six credits in history)
MDIA 326 Race & Ethnicity in Film
PHIL 234 Social and Political Philosophy
PHIL 340 Marx and Marxism
POSC 233 Politics of Developing Areas (prerequisite: POSC 111 or 113)
POSC 350 Latin American Politics
POSC 351 African Politics
REST 209 World Religions
REST 215 Religions of India: Hinduism, Buddhism, Islam
Any world language classes at 200 level or above

Political Economy and Development - Select five from the following; two must be at the 300-level or higher

BUS 430 International Trade Management (prerequisite: BUS 100 or ACCT 204)
BUS 442 International Marketing (prerequisite: BUS 100 or ACCT 204, BUS, 340, BUS 382
ECON 305 Environmental Economics (prerequisite: ECON 103)
ECON 340 Economic Development: Towards Global Equality (prerequisite: ECON 103, 104 or 150)
ECON 432 International Financial Policies and Issues (prerequisite: ECON 103, 104, or 150)
ECON 442 International Economics (prerequisites: ECON 103 and 104)
ENSC/POSC 202 Environmental Politics and Policy (prerequisites: POSC 110 and ENSC 101))
ENSC 230 Introduction to Geographic Information (prerequisite: ENSC 101)
ENSC 340 Epidemiology
FASH 306 Sustainability in Fashion
FASH 455 Global Merchandising Strategies (prerequisite: FASH 265)
FREN 251 Contemporary France
FREN 315 French Literature of Africa and the Caribbean
FREN 322 Seminar in Francophone Studies
PHIL 301 Environmental Ethics
POSC 233 Politics of Developing Areas (prerequisite: POSC 111)
POSC 280 Model United Nations (prerequisite: POSC 111 or 113)
POSC 350 International Political Economy
SOC 336 Social Inequality
SPAN 260 Cultures of Latin America

Peace and Conflict Studies - Select five from the following; two must be at the 300-level or higher

CRJU/POSC/PRLG 221 Law & Society
CRJU 377 Politics of Crime and Terrorism (prerequisite: CRJU 101 or POSC 101)
CRJU 440 Cross Cultural Criminal Justice Systems (prerequisites: CRJU 370; Criminal Justice majors with senior standing)
ENG 356 Global Drama
ENG 373 Literature of the Holocaust
HIST 206 Afghanistan and its Wars
HIST 207 History of Holocaust
HIST 263 Russia and Eastern Europe Since 1928
HIST 313 The Vietnam War (prerequisite: six credits in history)
HIST 320 American Diplomatic History (prerequisite: six credits in history)
HIST 348 French Revolution
POSC 203 US Foreign Policy
POSC 213 Politics of Human Rights
POSC 290 International Law and Organization
POSC 309 Global Terrorism & Conflict

Self-Designed Concentration - Select five from the following; two must be at the 300-level or higher

The five courses must come from at least three different disciplines (e.g., HIST, ECON, LANG, POSC or another discipline). These five courses in this self-design concentration must have a theme – and they must be pre-approved by your Global Studies advisor.

FREN 250 French Culture and Thought
FREN 251 Contemporary France
FREN 305 Studies in French Film and Literature
FREN 330 Modern Literary Perspectives: 20th & 21st Centuries
ITAL 250 Civilizations of Italy
ITAL 307 Italian Literature
ITAL 308 Italian Cinema
SPAN 250 Cultures of Spain
SPAN 315 The Experience of Hispanic Literature
SPAN 330 Themes Spanish Cinema
SPAN 421 Spanish Literature of the 18th and 19th Centuries
SPAN 422 Contemporary Spanish Literature
SPAN 424 Cervantes
SPAN 425 Literature of the Golden Age
ENG 261/SPAN 222 Spanish Literature in Translation: The Novel
ENG 363 Modern Drama
ENG 370 Modern Jewish Literature
HIST 207 The Holocaust
HIST 249 Early Modern Europe
HIST 252 Modern Europe
HIST 263 Eastern Europe and Russia from 1928 to the Present
HIST 349 Modern Germany: Between Dictatorship and Democracy
PHIL 323 19th Century Philosophy
PHIL 325 Contemporary Continental Philosophy
PHIL 340 Marx and Marxism
POSC 251 European Politics (prerequisite: POSC 111 or 113)
REST 209 World Religions
FREN 251 Contemporary France
FREN 315 French Literature of Africa and the Caribbean
FREN 322 Seminar in Francophone Studies
FREN 330 Modern Literary Perspectives: 20th & 21st Centuries
ITAL 250 Civilizations of Italy
SPAN 260 Cultures of Latin America
SPAN 270 Cultures of Hispanics in the US
SPAN 315 The Experience of Hispanic Literature
SPAN 335 Themes in Latin American Cinema
SPAN 370 Latin American Women Writers
SPAN 430 Spanish American Literature I
SPAN 431 Spanish American Literature II
SPAN 433 Lit. of the Hispanic Caribbean
ART 256 Chinese Art
ENG 264/ SPAN 220 Latin American Literature in Translation
ENG 356 Global Drama
HIST 242 Intro to the African Diaspora
HIST 257 Women in Asia
HIST 269 Modern Asia
HIST 271 Modern China
HIST 274 Modern Latin America
HIST 280 Modern Africa
HIST 318 Drug Trade in Asia (prerequisite: six credits in history)
HIST 313 The Vietnam War (prerequisite: six credits in history)
HIST 375 Race Relations in Latin American History (prerequisite: six credits in history)
MDIA 326 Race & Ethnicity in Film
PHIL 234 Social and Political Philosophy
PHIL 340 Marx and Marxism
POSC 233 Politics of Developing Areas (prerequisite: POSC 111 or 113)
POSC 350 Latin American Politics
POSC 351 African Politics
REST 209 World Religions
REST 215 Religions of India: Hinduism, Buddhism, Islam
BUS 430 International Trade Management (prerequisite: BUS 100 or ACCT 204)

BUS 442 International Marketing (prerequisite: BUS 100 or ACCT 204, BUS, 340, BUS 382
ECON 305 Environmental Economics (prerequisite: ECON 103)
ECON 340 Economic Development: Towards Global Equality (prerequisite: ECON 103, 104 or 150)
ECON 432 International Financial Policies and Issues (prerequisite: ECON 103, 104, or 150)
ECON 442 International Economics (prerequisites: ECON 103 and 104)
ENSC/POSC 202 Environmental Politics and Policy (prerequisites: POSC 110 and ENSC 101))
ENSC 230 Introduction to Geographic Information (prerequisite: ENSC 101)
ENSC 340 Epidemiology
FASH 306 Sustainability in Fashion
FASH 455 Global Merchandising Strategies (prerequisite: FASH 265)
FREN 251 Contemporary France
FREN 315 French Literature of Africa and the Caribbean
FREN 322 Seminar in Francophone Studies
PHIL 301 Environmental Ethics
POSC 233 Politics of Developing Areas (prerequisite: POSC 111)
POSC 280 Model United Nations (prerequisite: POSC 111 or 113)
POSC 350 International Political Economy
SOC 336 Social Inequality
SPAN 260 Cultures of Latin America
CRJU/POSC/PRLG 221 Law & Society
CRJU 377 Politics of Crime and Terrorism (prerequisite: CRJU 101 or POSC 101)
CRJU 440 Cross Cultural Criminal Justice Systems (prerequisites: CRJU 370; Criminal Justice majors with senior standing)
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HIST 313 The Vietnam War (prerequisite: six credits in history)
HIST 320 American Diplomatic History (prerequisite: six credits in history)
HIST 348 French Revolution
POSC 203 US Foreign Policy
POSC 213 Politics of Human Rights
POSC 290 International Law and Organization
POSC 309 Global Terrorism & Conflict

Related Field Requirements (18 credits)

History – 3 credits from:

HIST 101 Themes in Modern History ***or*** one of the following
HIST 269 Modern Asia
HIST 271 Modern China
HIST 274 Modern Latin America
HIST 280 Modern Africa

Politics – 3 credits from:

POSC 111 Introduction to Comparative Politics or
POSC 113 International Relations

Economics – 3 credits from:

ECON 150 Economics of Social Issues ***or***
ECON 104 Principles of Macroeconomics (prerequisite: ECON 103)

Language – 6 credits

At least 3 credits need to be at the intermediate level (105-106) or higher (Spanish, Italian or French) *or*
Six credits of any level in a less commonly taught language (Arabic, Russian, Japanese, Chinese, or German)

Culture, Society & Religion – 3 credits from:

ANTH 102 Introduction to Cultural Anthropology
BUS 202 Business and Society in a Global Environment
COMM 325 Intercultural Communication (prerequisite: Junior standing)
ENG 170 World Literature
ENG 201 Intro to Linguistics
FREN 250 French Culture and Thought
FREN 251 Contemporary France
ITAL 250 Civilization of Italy
REST 107 Introduction to Religion
SPAN 250 Cultures of Spain
SPAN 260 Cultures of Latin America

SUMMARY OF REQUIREMENTS FOR A BACHELOR OF ARTS IN GLOBAL STUDIES

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

1.0	Course Requirements in Global Studies Major		
	Global Studies Foundation	6 cr	
	Global Studies Concentration	15 cr	
Credit Requirements in Global Studies			21 cr
2.0	Course Requirements in Related Fields		18 cr
Total Credit Requirement for a Major in Global Studies			39 cr

3.0	Core/Liberal Studies Requirements			
3.1	FOUNDATION			
	FYS 101 First Year Seminar	4 cr		
	ENG 120 Writing for College	3 cr		
			7 cr	
3.2	DISTRIBUTION			
	Breadth			
	PHIL 101 Philosophical Perspectives	3 cr		
	Ethics, Applied Ethics, or Religious Studies	3 cr		
	Fine Arts	3 cr		
	History	0 cr	(fulfilled by major)	
	Literature	3 cr		
	Mathematics	3 cr		
	Natural Science	3 cr		
	Social Science	0 cr	(fulfilled by major)	
			18 cr	
	Pathway†		12 cr	
	Courses addressing an interdisciplinary topic.			
Total Core/Liberal Studies Requirement				37 cr
4.0	General Electives			44 cr
Total Credit Requirement for Graduation				120 cr

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

RECOMMENDED PROGRAM SEQUENCE FOR A BACHELOR OF ARTS IN GLOBAL STUDIES

FRESHMAN YEAR

FALL		**SPRING**	
FYS 101 First-Year Seminar	4 cr	PHIL 101 Philosophical Perspectives	3 cr
ENG 120 Writing for College	3 cr	Core/LS Literature	3 cr
GBST 103 Intro to Global Issues	3 cr	Elective	3 cr
GBST Foundation/Language	3 cr	GBST Foundation/Political Science	3 cr
GBST Foundation/History	3 cr	GBST Foundation/Language	3 cr
	16 cr		15 cr

SOPHOMORE YEAR

FALL		**SPRING**	
Core/LS Math	3 cr	Core/LS Science	3 cr
Core/LS Fine Arts	3 cr	GBST Foundation/Economics	3 cr
GBST Foundation/Culture, Society, and Religion	3 cr	Core/LS Pathway Elective 2	3 cr
Core/LS Pathway Elective 1	3 cr	GBST Concentration 1	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

JUNIOR YEAR

FALL		**SPRING**	
Core/LS Ethics	3 cr	Core/LS Pathway Elective 4	3 cr
Core/LS Pathway Elective 3	3 cr	GBST Concentration 3	3 cr
GBST Concentration 2	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

SENIOR YEAR

FALL		**SPRING**	
GBST 477 Capping	3 cr	GBST Concentration 5	3 cr
GBST Concentration 4	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
Elective	3 cr	Elective	3 cr
	15 cr		15 cr

Z/OS ASSOCIATE CERTIFICATE

The z/OS Associate Certificate provides an introduction to IBM Z systems. It covers zSystems hardware including platform history and evolution; z/OS including TSO, ISPF, SDSF, RACF, UNIX System Services; and major subsystems such as DB2, IMS, CICS, and Websphere. Hands-on labs on a z/OS system provide students with introductory system programming skills.

Admission Requirements: HS diploma or equivalency

Requirements for the Certificate:

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

CMPT 315 Introduction to z/OS and Major Subsystems	4 cr
CMPT 316 Introduction to z/OS Networking	3 cr
CMPT 317 Introduction to z/OS Security	3 cr
Total Credit Requirement for the Certifcate	10 cr

Graduate Programs

MASTER OF SCIENCE IN ATHLETIC TRAINING

DIRECTOR, ATHLETIC TRAINING PROGRAM

MICHAEL POWERS, PHD, ATC, EMT, CSCS (845) 575-3912
Michael.powers@marist.edu

MISSION AND OBJECTIVES

The mission of the Athletic Training Program (ATP) is to provide students with the strong scientific foundation and evidence based knowledge and extensive practical experience needed to become a certified Athletic Trainer (ATC). Athletic Training is an area of health care concerned with prevention, recognition, care, and rehabilitation of injuries and illness in an active population. Athletic Trainers work as part of a comprehensive sports-medicine team that includes physicians, physical therapists, and other health-care professionals. Upon completion of the M.S. degree in Athletic Training at Marist, graduates will be eligible to sit for the certification examination administered by the Board of Certification, Inc. (BOC). Those passing this exam will be certified as Athletic Trainers by the BOC. Completion of the ATP qualifies students for entry-level positions in high schools, colleges, and universities; professional sports organizations; hospitals, clinics and physician offices; military, performing arts, corporate and industrial settings. Marist's ATP is accredited by the Commission on Accreditation of Athletic Training Education (CAATE) and is registered with the New York State Education Department as a licensure-qualifying degree program.

Marist's ATP is committed to graduating entry-level, competent healthcare providers trained to practice ethically and culturally sensitive medicine in a team environment, with a commitment to community service and the overall success of the profession. The program goals are to:

- Graduate entry-level, competent healthcare providers
- Teach students to effectively interact with patients of different backgrounds
- Promote ethically & culturally sensitive ATCs
- Develop healthcare providers capable of functioning successfully within interprofessional teams
- Ensure that all students engage in community service
- Meet or exceed the national first-time pass rate for the BOC Athletic Trainer certification examination

The Master of Science in Athletic Training is a 24-month, 70-credit, full-time program designed to prepare students for clinical practice. The program consists of both didactic and clinical education, as students learn how to care for patients in a variety of settings such as the interscholastic, intercollegiate and professional sport settings, hospital, clinical and physician office settings and military, performing arts and industrial settings. Students learn to care for patients across the lifespan, from adolescents to the elderly.

The program is located in the Marist College Allied Health Building which has a state-of-the-art gross anatomy laboratory, standardized patient care suites, a trauma simulation room, and a skills laboratory. The program shares resources with other programs in the School of Science on campus, including the Master of Physician Assistant Program and the Doctor of Physical Therapy Program.

ADMISSIONS REQUIREMENTS DEGREE PREREQUISITES

A baccalaureate degree from an accredited institution or an equivalent institution must be awarded prior to matriculation into the program. A baccalaureate degree is a minimum requirement; therefore, a masters or doctorate level degree awarded in lieu of a baccalaureate degree will meet this requirement.

REQUIRED COURSE PREREQUISITES

- Anatomy & Physiology I and II: 4 credits each, including applicable labs
- General Biology I and II: 4 credits each, including applicable labs
- General Chemistry I and II: 4 credits each, including applicable labs
- Physics I and II: 4 credits each, including applicable labs
- Psychology: 3 credits
- Statistics: 3 credits

The academic standard for admission is a 3.0 GPA overall, combined with a 3.0 GPA for science prerequisite courses. All of the above courses must be completed with grades of "C" or above. Please note that a "C-" will not be accepted. All prerequisite courses must be completed before an application in ATCAS is submitted for verification. Submission of the following documentation is also required:

- TOEFL score (if high school graduate of non-English speaking country)
- Official transcripts from all colleges attended
- A minimum of 60 hours of volunteer or work-related athletic training experience. The hours must be in a minimum of two different settings under the supervision of a Certified Athletic Trainer;
- Completed application through Athletic Training Central Application Service (ATCAS);
- Two letters of reference
- An on-campus interview.

Upon full acceptance into the ATP, students must have a physical examination, complete a technical standards document, and adhere to the Retention Policy. Information on each of these requirements is available in the Department of Athletic Training and can be found in the Athletic Training Program Policy and Procedures Manual. Students are required to purchase clothing to meet dress code requirements for the ATP. Any expenses related to traveling to and from clinical sites are the responsibility of the student. Fingerprinting and a criminal background check may also be required and all associated costs will be the responsibility of the student. Refer to the Athletic Training Program Policy and Procedure Manual for specific costs. The most current information on the Athletic Training Program is located on the Department of Athletic Training web page: https://www.marist.edu/msat-athletic- training.

DEGREE REQUIREMENTS

To qualify for the master's degree in AT, a candidate must complete:

- all didactic phase courses and assignments
- all clinical rotations, courses, and assignments.
- all summative clinical competency examinations.

ADVISEMENT

The principal faculty serve as the advisors for all matriculated students. Students will have regular meetings with their faculty advisor for purposes of discussing academic progress and planning. The advisement process is overseen by the Program Director.

ATHLETIC TRAINING PROGRAM CURRICULUM SUMMARY

Requirements for the Master of Science in Athletic Training

ATHT 501	Foundations of Athletic Training	2 credits
ATHT 502	Clinical Skills	1 credits
ATHT 503	Clinical Anatomy	3 credits
ATHT 504	Pathophysiology	2 credits
ATHT 505	Emergency Management of Injury/Illness	3 credits
ATHT 506	Therapeutic Modalities	3 credits
ATHT 510	Clinical Experience I	3 credits
ATHT 511	Clinical Assessment and Diagnosis I	3 credits
ATHT 512	Clinical Assessment and Diagnosis II	3 credits
ATHT 513	Therapeutic Interventions I	3 credits
ATHT 514	Therapeutic Interventions II	3 credits
ATHT 515	Performance Enhancement & Conditioning	3 credits
ATHT 516	Health Promotion and Wellness	2 credits
ATHT 520	Clinical Experience II	3 credits
ATHT 601	Athletic Training Admin and Policy	2 credits
ATHT 602	Prevention and Care of Medical Conditions	2 credits
ATHT 603	Research Techniques in Athletic Training	2 credits
ATHT 604	Research Project I	1 credits
ATHT 605	Research Project II	2 credits
ATHT 606	Cultural Competence in Healthcare	2 credits
ATHT 607	Nutrition for Health and Performance	2 credits
ATHT 608,	Behavioral Health	2 credits
ATHT 609	Athletic Training Seminar	2 credits
ATHT 610	Clinical Experience III	2 credits
ATHT 613	Therapeutic Interventions III	2 credits
ATHT 620	Clinical Experience IV	3 credits
ATHT 630	Clinical Experience V	3 credits
ATHT 640	Clinical Experience VI	3 credits
ATHT 650	Clinical Experience VII	3 credits
	Total:	70 credits

Master of Science in Athletic Training Curricular Sequence

First Year

Summer		**Fall**	
ATHT 501	Foundations of Athletic Training	ATHT 506	Therapeutic Modalities
ATHT 502	Clinical Skills	ATHT 510	Clinical Experience I
ATHT 503	Clinical Anatomy	ATHT 511	Clinical Assessment & Diagnosis I
ATHT 504	Pathophysiology	ATHT 513	Therapeutic Interventions I
ATHT 505	Emergency Management of Injury/ Illness		

Spring

ATHT 512	Clinical Assessment & Diagnosis II
ATHT 514	Therapeutic Intervention II
ATHT 515	Performance Enhancement and Conditioning
ATHT 516	Health Promotion and Wellness
ATHT 520	Clinical Experience II

Second Year

Summer		**Fall**	
ATHT 601	Athletic Training Admin & Policy	ATHT 604	Research Project I
ATHT 602	Prevention & Care of Med Cond	ATHT 606	Cultural Competence in Healthcare
ATHT 603	Research Techniques in AT	ATHT 620	Clinical Experience IV
ATHT 610	Clinical Experience III	ATHT 630	Clinical Experience V
ATHT 613	Therapeutic Interventions III	ATHT 640	Clinical Experience VI

Spring

ATHT 605	Research Project II
ATHT 607	Nutrition for Health & Performance
ATHT 608	Behavioral Health
ATHT 609	Athletic Training Seminar
ATHT 650	Clinical Experience VII

Graduate Courses in Athletic Training

ATHT 501
Foundations of Athletic Training
2 Credits
This course is designed to provide the student with an insight into the profession of athletic training, the preparation of the athletic trainer, and the role of the health- care professional in various settings. Discussions about other allied health-care professionals with whom the athletic trainer will work closely (PTs, EMTs, etc.) will be emphasized.

ATHT 502
Clinical Skills
1 Credit - Laboratory
This course will introduce the student to the basic clinical techniques in dealing with prevention and management of athletic injuries and will include discussions on preventative wrapping and strapping, padding and bracing, and splinting and transportation.

ATHT 503
Clinical Anatomy
3 Credits (2 Credits Lecture, 1 Credit Laboratory)
This course provides detailed knowledge of structures of the human body with emphasis on the head, neck, musculoskeletal, peripheral nervous, and circulatory systems. Also covered are the thoracic, abdominal, and pelvic cavities. In the course, students examine the surface anatomy of the intact human body and develop the palpation skills necessary to locate important bony landmarks, joint spaces, muscles, ligaments, nerves, and vessels. Through cadaver dissection and other resources, the lab portion of the course focuses on the relationship of the skeleton, muscles, and neurological and vascular systems. Internal organs are also explored through dissection. Origin, insertion, and action of muscles, body planes, axes of movements, range and quality of functional movements, the actions of levers within the human body, and how these affect movements, posture, and gait will be covered.

ATHT 504
Pathophysiology
2 Credits
This course provides students with an understanding of the fundamentals of physiology and pathophysiology of the nervous, pulmonary, cardiovascular, musculoskeletal, metabolic, gastrointestinal, genitourinary system, integumentary system and endocrine systems. Regional autonomic neuronal system components, and regional lymphatic system components are also to be reviewed. Embryological aspects associated with system development are covered where appropriate. Acute and chronic responses to exertion (exercise) and the interrelationships of function and dysfunction at the molecular, cellular, tissue, organ and systemic levels and to the total human body is applied in each of the body systems.

ATHT 505
Emergency Management of Injury and Illness
3 Credits (2 Credits Lecture, 1 Credit Laboratory)
This course will cover the clinical examination and diagnosis and the acute care of injuries and illnesses with emphasis placed on emergency medical care. The entire body will be addressed within these domains as well as other issues pertinent to the health care of an active population. The laboratory session is designed to provide the student with practical application of the material discussed in the lecture, including CPR and AED training.

ATHT 506
Therapeutic Modalities
3 Credits (2 Credits Lecture, 1 Credit Laboratory)
The course lecture and discussion will involve the latest therapeutic techniques used in athletic training today including the history of the foundation of all modalities as well as current concepts. We will discuss use and misuse, as well as contraindication, for all modalities. Students will practice and learn each modality through the laboratory session so they have a clear understanding of why and how to use each modality.

ATHT 510
Clinical Experience I
3 Credits
This the first course in a clinical education sequence and is designed to provide students with clinical experience necessary to become competent entry-level healthcare providers. Students will practice and be assessed for competency and proficiency in psychomotor skills identified in the most recent Athletic Training Education Competencies created by the National Athletic Trainers' Association (NATA) Professional Education Council (PEC) and the Board of Certification (BOC) Practice Analysis. The proficiencies will primarily address the areas of risk management and injury prevention and acute care of injuries and illnesses. Completion of a Clinical Field Experience (CFE) in an affiliated interscholastic athletic training setting is required. Prerequisites: ATHT 502 and ATHT 505.

ATHT 511
Clinical Assessment and Diagnosis I *3 Credits (2 Credits Lecture, 1 Credit Laboratory)*
This course will provide the student with information on assessment techniques specific to the lower body and spine. The assessment techniques will include material specific to history, observation, palpation, range of motion and special tests. Also included in the course will be material on neurological and circulatory evaluations for the lower body.

ATHT 512
Clinical Assessment and Diagnosis II *3 Credits (2 Credits Lecture, 1 Credit Laboratory)*
This course will provide the student with information on assessment techniques specific to the upper extremity, abdomen, thorax, head and face. The assessment techniques will include material specific to history, observation, palpation, range of motion and special tests. Also included in the course will be material on neurological and circulatory evaluations for the upper extremity, abdomen, thorax, head and face.

ATHT 513
Therapeutic Interventions I
3 Credits (2 Credits Lecture, 1 Credit Laboratory)
The use of rehabilitation equipment and exercises associated with rehabilitation in athletic injuries. The use of exercise to improve function, prevent disability and injury, and promote wellness is emphasized. The student will also use evaluation devices such as a goniometer, girth testing, gait analysis, muscle testing, joint mobilization, and proprioceptive neuromuscular facilitation.

ATHT 514
Therapeutic Interventions II
3 Credits (2 Credits Lecture, 1 Credit Laboratory)
This course will provide the student with an understanding in the application of various therapeutic interventions to treat injury and disease. The use of rehabilitation equipment and exercises, and appropriate therapeutic modalities associated with the rehabilitation of athletic injuries will be discussed. Labs address skill development for performing treatment techniques consisting of exercise prescription and functional retraining, joint and soft-tissue mobilization, and dynamic stabilization.

ATHT 515
Performance Enhancement & Conditioning
3 Credits (2 Credits Lecture, 1 Credit Laboratory)
This course takes a multi-faceted approach to the general science of strength training. Topics to be covered include exercise physiological concepts and applications, testing and evaluation, beginning and advanced flexibility and exercise techniques, program design, periodization, aerobic and anaerobic training considerations, nutrition, performance enhancing substances, exercise prescription for the strength athlete, and organization and administration of an exercise facility. This course will also provide a practical challenge to the student to apply scientific concepts and principles into the development of sports specific training programs. The student will have the opportunity to create a complex training program for an athlete utilizing the concepts discussed in the course. In conjunction with other classes, students should have sufficient theoretical and practical knowledge to sit for the National Strength and Conditioning Associations (NSCA) Certified Strength and Conditioning Specialist (CSCS) or Certified Personal Trainer (NSCA-PT) exam.

ATHT 516
Health Promotion and Wellness
2 Credits
This course examines health promotion across the lifespan, including pediatric, adult, and geriatric populations. Emphasis is placed upon community and public health and environmental patterns that promote or interfere with health attainment and risk reduction in the identified populations.

ATHT 520
Clinical Experience II
3 Credits
This is the second course in the clinical education sequence and is designed to provide students with clinical experience necessary to become competent entry-level healthcare providers. Students will practice and be assessed for competency and proficiency in psychomotor skills identified in the most recent Athletic Training Education Competencies created by the National Athletic Trainers' Association (NATA) Professional Education Council (PEC) and the Board of Certification (BOC) Practice Analysis. The proficiencies will primarily address the areas of risk management and injury prevention, assessment of musculoskeletal injury and acute care of injuries and illnesses and rehabilitation of musculoskeletal injury. Completion of a Clinical Field Experience (CFE) in an affiliated interscholastic athletic training setting is required. Prerequisites: ATHT 506, ATHT 510, ATHT 511 and
ATHT 513.

ATHT 601
Athletic Training Administration and Policy
2 Credits
This course is designed to present the responsibilities of the athletic trainer as an educator and administrator. This course is a collection of knowledge, skills, and values that the entry-level certified athletic trainer must possess to develop, administer, and manage a health care facility and associated venues that provide health care to athletes and others involved in physical activity.

ATHT 602
Prevention and Care of Medical Conditions
2 Credits
Focuses in the identification and treatment of medical conditions of the nervous, urinary, endocrine, reproductive, respiratory, gastrointestinal, cardiovascular, integumentary systems. Emphasis placed on the role the Athletic Trainer has in the prevention, evaluation, diagnosis, treatment and rehabilitation of associated conditions as directed by a supervising physician.

ATHT 603
Research Techniques in AT
2 Credits
This course is an overview of concepts and procedures necessary for designing, conducting, and critically appraising research in Athletic Training from multiple research paradigms. The course will focus on the steps involved in the administration of a research project, including literature review, design, data collection and analysis.

ATHT 604
Research Project I
1 Credits
This course will focus on the steps involved in the administration of a research project, including developing a research question and formulating a research hypothesis and designing methods.

ATHT 605
Research Project II
2 Credits
This course is the final course of a three- course sequence focusing on evidence based practice and research in healthcare. This course will focus on data collection and analysis for a randomized controlled trial or other form of quantitative research. The students will present the results and conclusions of that trial in both oral and poster format and will complete a manuscript for that study.

ATHT 606
Cultural Competence in Healthcare
2 Credits
This course will discuss the concept of culture, how it changes and influences everyday life, health disparities, and what best practices for enhancing cultural competencies in healthcare organizations. This course will discuss the concept of culture and how systems should incorporate strategies to mitigate those aspects of cultural alienation that result in adverse health outcomes. The course will examine organizational structures and processes that should incorporate cultural competence, and students will explore how all professional roles in health care settings should address service adjustments and measure effectiveness of care and quality of health outcomes across multicultural populations.

ATHT 607
Nutrition for Health and Performance
2 Credits
This course is a study of nutrition as it relates to optimum performance and health. Nutrient needs, sources, functions, and interactions will be reviewed according to the latest scientific findings. Principles of body conditioning will be emphasized with attention to diet and lifestyle practices that promote health and decrease risks of nutrition-related diseases.

ATHT 608
Behavioral Health
2 Credits
The aim of this course is to introduce the core concepts of social and behavioral determinants and how they influence the health of individuals, communities, and populations. This course examines the background of psychological theories and applications related to injuries/illnesses and subsequent rehabilitation of the physically active. The course is designed to develop the students' ability to optimize rehabilitative efforts of injuries & illnesses of the physically active. Techniques such as social support, imagery, education, and modeling will be used. Eating disorders, substance abuse, and disability are included.

ATHT 609
Athletic Training Seminar
2 Credits
This course is a capstone course and integrates prior Athletic Training coursework and clinical education experiences for the BOC Certification Exam. This course will also serve as a forum for discussion of current Athletic Training professional, legal and ethical issues.

ATHT 610
Clinical Experience III
3 Credits
This is the third course in the clinical education sequence and is designed to provide students with clinical experience necessary to become competent entry-level healthcare providers. Students will practice and be assessed for competency and proficiency in psychomotor skills identified in the most recent Athletic Training Education Competencies created by the National Athletic Trainers' Association (NATA) Professional Education Council (PEC) and the Board of Certification (BOC) Practice Analysis. The proficiencies will primarily address the areas of risk management and injury prevention, assessment of musculoskeletal injury and rehabilitation of musculoskeletal injury. Completion of a Clinical Field Experience (CFE) in an affiliated non-sport athletic training setting is required. Prerequisites: ATHT 512, ATHT 514, ATHT 515 and ATHT 520.

ATHT 613
Therapeutic Interventions III
2 Credits
Introduces principles of drug therapy across the lifespan and the use of drugs as they pertain to the health care of athletes and their effect on athletic competition. An emphasis on the knowledge, skills and values required of the Athletic Trainer on pharmacological applications, including indications, contraindications, precautions, interactions, documentation and governing regulations relevant to the treatment of injury and illness in athletic training.

ATHT 620
Clinical Experience IV
3 Credits
This is the fourth course in the clinical education sequence and the first fully immersive clinical rotation. It is practice- intensive and is designed to provide the student with an opportunity to experience the totality of care provided by athletic trainers. It will continue to provide students with clinical experience necessary to become competent entry-level healthcare providers. Students will practice and be assessed for competency and proficiency in psychomotor skills identified in the most recent Athletic Training Education Competencies created by the National Athletic Trainers' Association (NATA) Professional Education Council (PEC) and the Board of Certification (BOC) Practice Analysis. The proficiencies will primarily address the areas of risk management and injury prevention, assessment of musculoskeletal injury, rehabilitation of injury and illness and healthcare administration. Completion of a Clinical Field Experience (CFE) in an affiliated intercollegiate athletic training setting is required. Prerequisites: ATHT 601, ATHT 602, ATHT 610 and ATHT 613.

ATHT 630
Clinical Experience V
3 Credits
This is the fifth course in the clinical education sequence and the second fully immersive clinical rotation. It is practice- intensive and is designed to provide the student with an opportunity to experience the totality of care provided by athletic trainers. It will continue to provide students with clinical experience necessary to become competent entry-level healthcare providers. Students will practice and be assessed for competency and proficiency in psychomotor skills identified in the most recent Athletic Training Education Competencies created by the National Athletic Trainers' Association (NATA) Professional Education Council (PEC) and the Board of Certification (BOC) Practice Analysis. The proficiencies will primarily address the areas of risk management and injury prevention, assessment of musculoskeletal injury, rehabilitation of injury and illness and healthcare administration. Completion of a Clinical Field Experience (CFE) in an affiliated intercollegiate athletic training setting is required. Prerequisites: ATHT 620.

ATHT 640
Clinical Experience VI
3 Credits
This is the sixth course in the clinical education sequence and the third fully immersive clinical rotation. It is practice- intensive and is designed to provide the student with an opportunity to experience the totality of care provided by athletic trainers. It will continue to provide students with clinical experience necessary to become competent entry-level healthcare providers. Students will practice and be assessed for competency and proficiency in psychomotor skills identified in the most recent Athletic Training Education Competencies created by the National Athletic Trainers' Association (NATA) Professional Education Council (PEC) and the Board of Certification (BOC) Practice Analysis. The proficiencies will primarily address the areas of risk management and injury prevention, assessment of musculoskeletal injury, rehabilitation of injury and illness and healthcare administration. Completion of a Clinical Field Experience (CFE) in an affiliated intercollegiate or non-sport athletic training setting is required. Prerequisites: ATHT 630.

ATHT 650
Clinical Experience VII
3 Credits
This is the seventh course in the clinical education sequence and the fourth fully immersive clinical rotation. It is practice- intensive and is designed to provide the student with an opportunity to experience the totality of care provided by athletic trainers. It will continue to provide students with clinical experience necessary to become competent entry-level healthcare providers. Students will practice and be assessed for competency and proficiency in psychomotor skills identified in the most recent Athletic Training Education Competencies created by the National Athletic Trainers' Association (NATA) Professional Education Council (PEC) and the Board of Certification (BOC) Practice Analysis. The proficiencies will primarily address the areas of risk management and injury prevention, assessment of musculoskeletal injury, rehabilitation of injury and illness and healthcare administration. Completion of a Clinical Field Experience (CFE) in an affiliated intercollegiate or non-sport athletic training setting is required. Prerequisites: ATHT640.

Athletic Training Program Faculty

MICHAEL POWERS Program Director/Associate Professor of Athletic Training. Degrees: Ph.D. in Education with concentration in Sports Medicine, University of Virginia; M.S. in Exercise and Sport Science with concentration in Athletic Training, University of Florida; B.S. in Education with concentration in Athletic Training, Northeastern University. Certifications: Board of Certification Certified Athletic Trainer (ATC), National Strength and Conditioning Association Certified Strength and Conditioning Specialist (CSCS), New York State Certified Emergency Medical Technician (EMT).

KEVIN HENRY Senior Professional Lecturer/Clinical Education Coordinator of Athletic Training. Degrees: M.S. in Education with concentration in Athletic Training, Old Dominion University; B.S. in Athletic Training, Marist College. Certifications: Board of Certification Certified Athletic Trainer (ATC), National Strength and Conditioning Association Certified Strength and Conditioning Specialist (CSCS).

MARK GILDARD Lecturer of Athletic Training. Degrees: M.S. in Athletic Training, West Virginia University; B.S. in Athletic Training, Marist College. Certifications: Board of Certification Certified Athletic Trainer (ATC).

ADVANCED CERTIFICATE IN ETHICAL LEADERSHIP

CHAIR, DEPARTMENT OF PUBLIC AND NONPROFIT ADMINISTRATION

SCHOOL OF MANAGEMENT

TONY CARRIZALES, PH.D.
Gradmgt@Marist.edu

Ethical Leadership in business, or the lack thereof, has become a big focus in the media over the last decade. With the explosion of viral news sources, unethical business leaders and their wrongdoings are constantly being exposed. This new phenomenon gives way to the importance of business ethics and leadership skills taught in the classroom. These types of ethical leadership skills can give students a leg up in the world of business. The intention of the Advanced Certificate in Ethical Leadership is to prepare students to be effective leaders and to solve the challenges of ethical dilemmas they will face in their careers.

The 9 credits earned in the advanced certificate may be applied to either the Master of Business Administration or Master of Public Administration programs. Students generally carry one or two courses per semester and take up to a calendar year to complete the certificate.

CERTIFICATE REQUIREMENTS

The Advanced Certificate in Ethical Leadership is obtained upon satisfactory completion of three courses (9 credits) from the Graduate Public Administration program as follows:

MPA 684: Leadership, Power, and Influence (3 credits)
MPA 685: Negotiations and Conflict Management (3 credits)
MPA 688: Ethical Management of Organizations (3 credits)

ADMISSIONS REQUIREMENTS

Admission is based on prior academic performance and potential, a commitment to professional development, and demonstrated professional/leadership growth, as determined from the various documents submitted. In addition to the application materials addressed in the Admissions to Graduate Programs section of the General Information section of this catalog, applicants must submit the following:

- Unofficial transcript from a bachelor's degree-granting college/university must be uploaded to the application for an admission decision. Official bachelor's degree noted transcript will be required upon acceptance in order to matriculate.
- Current resume

A cumulative 3.0 GPA is required to obtain the certificate.

COURSE DESCRIPTIONS

MPA 684
Leadership, Power and Influence
3 Credits
This course will examine the theory and practice of leadership in organizations. Traditional and modern theories of leadership will be explored, as well as the practical application of these theories in the workplace. In addition to covering the traditional concepts of leadership in organizations, the course will take an in-depth look at the power and influence a leader has over the organization and its members. *8 weeks*.

MPA 685
Negotiations and Conflict Management
3 Credits
This course is an introduction to the theory and practice of interpersonal bargaining. The course will examine types of bargaining strategies, planning for negotiations, how to handle negotiation breakdowns, communications, power, persuasion, and ethics in negotiations, as well as international dimensions of bargaining. The pedagogical approach will largely be through experiential learning exercises based on weekly readings. Evaluations of student efforts will be based upon self-reflections, self-assessment, and personal portfolio construction, as well as in-class performance in negotiation sessions and debriefing discussions. *8 weeks.*

MPA 688
Ethical Management of Organizations
3 Credits
This course will introduce students to the basic concepts of ethics. Students will examine ethical frameworks as they relate to business, the environment, the consumer, and the individual with an organization. Students will learn to apply these frameworks using moral decision-making techniques to real-world case studies. The class will offer students practical tools to help them recognize and address challenging ethical decisions. *8 week*.

ADVANCED CERTIFICATE IN HEALTHCARE MANAGEMENT

CHAIR, DEPARTMENT OF PUBLIC AND NONPROFIT ADMINISTRATION

SCHOOL OF MANAGEMENT

TONY CARRIZALES, PH.D.
Gradmgt@Marist.edu

Hospitals, nursing homes, specialty clinics, and private practices all need administrators who are adept in the usual aspects of business management and who can apply those skills within the unique business model of healthcare administration. America's healthcare industry is quickly evolving, experiencing faster than average growth. Through the Advanced Certificate in Healthcare Administration, students will have extensive knowledge of business operations with a specialized understanding of healthcare administration. Students will be trained to become educated leaders who handle regulatory, ethical, social and political demands dealing with the new frontier of the healthcare industry. Students will gain the necessary knowledge to become more effective administrative managers in the healthcare industry while developing a deeper understanding of the unique situations healthcare managers cope with on a daily basis.
The 9 credits earned in the advanced certificate may be applied to either the Master of Business Administration or Master of Public Administration programs. Students generally carry one or two courses per semester and take up to a calendar year to complete the certificate.

CERTIFICATE REQUIREMENTS

The Advanced Certificate in Healthcare Management is obtained upon satisfactory completion of three courses (9 credits) from the Graduate Public Administration program as follows:

MPA 681: US Health Care Policies and Systems (3 credits)
MPA 682: Ethical/Legal Issues in Health Care (3 credits)
MPA 683: Critical Issues in Health Care (3 credits)

ADMISSIONS REQUIREMENTS

Admission is based on prior academic performance and potential, a commitment to professional development, and demonstrated professional/leadership growth, as determined from the various documents submitted. In addition to the application materials addressed in the Admissions to Graduate Programs section of the General Information section of this catalog, applicants must submit the following:

- Unofficial transcript from a bachelor's degree-granting college/university must be uploaded to the application for an admission decision. Official bachelor's degree noted transcript will be required upon acceptance in order to matriculate.
- Current resume

A cumulative 3.0 GPA is required to obtain the certificate.

COURSE DESCRIPTIONS

MPA 681
US Health Care Policies and Systems
3 Credits
US Health Care Policies and Systems is an introduction to health care delivery systems and the policy environment they operate in, with emphasis on the American system of health care and its major issues and challenges. The course explores the dynamics of administration in health care institutions such as hospitals, nursing homes, and ambulatory care facilities, and the policy issues and controversies that shape the delivery of health care. *8 weeks*.

MPA 682
Ethical/Legal Issues in Health Care
3 Credits
Ethical/Legal Issues in Health Care provides the student with a fundamental knowledge of the legal system as it relates to health care institutions. The course then builds on the student's understanding of the legal system to integrate it with administrative theory as ethical situations and decisions unique to health care administration and to the health care industry are examined. *8 weeks*.

MPA 683
Critical Issues in Health Care Leadership
3 Credits
Critical Issues in Health Care covers topics of contemporary and controversial nature, focusing on topics such as the implementation of health care policy and the ongoing challenges of balancing margin v. mission decisions while working to ensure the long-term viability of an organization. It actively integrates historical information on health care issues with current topics under discussion in that week's news outlets. Once it helps the student develop an understanding of contemporary health care debate, it also provides tools and tactics for influencing the debate on a personal and system level. *8 weeks*.