

INTEGRATIVE STUDIES, BS

Banner Code: LA-BS-INTS

Academic Advising

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The Bachelor of Science in Integrative Studies brings together research, theory and practice across numerous disciplines. Integrative studies majors select a multidisciplinary concentration or work with student services staff to develop their own concentration, uniquely suited to their academic and career goals. Integrative studies majors explore new topics and experiences while gaining the knowledge and skills needed to enter the workforce. Required coursework is offered in small classes with ample room for discussion, collaborative learning, and experiential learning, including in-community projects, volunteer opportunities, field work, internships and work with faculty on research that directly engages current social and global challenges.

Admissions & Policies

Policies

Students must fulfill all Requirements for Bachelor's Degrees (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#text>) including the Mason Core (<http://catalog.gmu.edu/mason-core/>). Integrative studies students may fulfill lower level Mason Core requirements through approved integrative studies (INTS) coursework. Students pursuing a BS in Integrative Studies must complete a minimum of 30 credits of (INTS) coursework, with at least 15 credits at the 300 and 400 levels. These 30 INTS credits fulfill the writing intensive and synthesis Mason Core requirements.

Students must complete ENGH 302 Advanced Composition (Mason Core) (<http://catalog.gmu.edu/mason-core/>). A maximum of 15 credits of INTS 299 Study Abroad or INTS 399 Study Abroad can be applied to the major. Students must have a minimum GPA of 2.00 in courses applied to the major. Before registering, students should see an advisor to help plan their degree program to meet Mason requirements. The advisor also can help students choose electives or a minor.

For policies governing all undergraduate degrees, see AP.5 Undergraduate Policies (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/>).

Requirements

Degree Requirements

Total credits: minimum 120

This is a Green Leaf program.

Students should be aware of the specific policies associated with this program, located on the Admissions & Policies tab.

Students pursuing a BS in Integrative Studies must complete a minimum of 30 credits of (INTS) coursework, with at least 15 credits at the 300 and 400 levels.

Integrative studies students complete INTS 391 Understanding Integrative Studies and INTS 491 Senior Capstone and choose a concentration from the options below. Before registering, students should see an advisor to help plan their degree program to meet Mason requirements. The advisor also can help students choose electives or a minor.

Required Course

Code	Title	Credits
INTS 391	Understanding Integrative Studies	1
INTS 491	Senior Capstone	3
Total Credits		4

Concentration in the Major

A concentration is the equivalent of a major in a traditional degree program. Students choose from an established multidisciplinary concentration below or create with faculty an individualized program of study to fit their interests and needs. Concentration coursework combines integrative studies (INTS) classes with coursework from other Mason units (departments, schools, and colleges). While fulfilling the concentration requirements, students are also responsible for completing a minimum of 30 credits of INTS coursework. Any INTS courses required for the concentration will apply. Students must present a minimum GPA of 2.00 in courses applied to the concentration.

Concentrations

- Concentration in Integrative Conservation (INCO)
- Concentration in Life Sciences (LIFS)
- Concentration in Individualized Concentration (IND)

Concentration in Integrative Conservation (INCO)

Addresses global conservation challenges, such as climate change, biodiversity loss, and ecosystem collapse, drawing upon fields such as biology, policy, law, anthropology, sociology, conflict resolution, environmental justice, economics and communication. Students learn to apply their knowledge and effect real-world change through access to the Smithsonian-Mason Semester and international conservation organizations in the Washington, DC area.

Core Courses

Code	Title	Credits
Conservation Foundations		
CONS 120	Wicked Problems and Grand Challenges	3
INTS 211	Introduction to Conservation Studies (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
CONS 495	Capstone in Conservation Strategies	4
Analytical Skills and Methods		
CONS 210	Inquiry and Design	3
BIOL 214	Biostatistics for Biology Majors	3
	or STAT 250	
	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	
STAT 350	Introductory Statistics II	3

or CONS 360	Qualitative Research and Inquiry	
or CONS 460	Statistics and Study Design in Ecology and Conservation	
Biology and Ecology		
BIOL 213	Cell Structure and Function	4
BIOL 308	Foundations of Ecology and Evolution	5
BIOL/EVPP 318	Conservation Biology	3-6
or INTS 401	Conservation Biology (Mason Core) (http://catalog.gmu.edu/mason-core/)	
Social Dimensions		
INTS 204	Leadership Theory and Practice	4
EVPP 429	Environmental Science Communication	3
PSYC 410	The Psychology of Environmental Stewardship	3
Total Credits		41-44

Specialized Track

Students must complete one of these five tracks (16-21 credits)

Biodiversity Track

Code	Title	Credits
Note: Fairfax-based, natural science track		
Select one course in Biological Processes from the following:		3-4
BIOL 300	BioDiversity	
BIOL 311	General Genetics	
BIOL 326	Animal Physiology	
BIOL 457	Reproductive Strategies	
BIOL 460	Infectious Diseases Wildlife	
or EVPP 460	Infectious Diseases of Wildlife	
BIOL 427	Conservation Medicine	
or EVPP 427	Conservation Medicine	
BIOL 471	Evolution	
BIOL 472	Introductory Animal Behavior	
Select one Experiential Learning-based course from the following:		6
INTS 311	The Mysteries of Migration: Consequences for Conservation (Mason Core) (http://catalog.gmu.edu/mason-core/)	
INTS 402	Plants and People - Sustenance, Ceremony, and Sustainability	
INTS 403	Conservation Behavior (Mason Core) (http://catalog.gmu.edu/mason-core/)	
Select one Organisms course from the following:		4
BIOL 331	Invertebrate Zoology	
BIOL 340	Introductory Botany	
BIOL 344	Plant Diversity and Evolution	
BIOL 437	Ornithology	
BIOL 438	Mammalogy	
BIOL 439	Herpetology	
BIOL 480	The Diversity of Fishes	
Select one Ecology and Ecosystems course from the following:		3-4
BIOL 345	Plant Ecology	

BIOL 350	Freshwater Ecosystems	
or EVPP 350	Freshwater Ecosystems	
BIOL 355	Ecological Engineering and Ecosystem Restoration	
BIOL 377 & BIOL 378	Applied Ecology and Applied Ecology Laboratory	
BIOL 440	Field Biology	
BIOL 449	Marine Ecology	
or EVPP 449	Marine Ecology	
BIOL 459	Fungi and Ecosystems	
CONS 440	Ecology Field Skills	
EVPP 430	Fundamentals of Environmental Geographic Information Systems	
EVPP 442	Urban Ecosystems and Processes	

Conservation, Biodiversity and Society Track

Code	Title	Credits
Note: SMSC CBS Semester Required		
CONS 320	Conservation in Practice	3
CONS 401	Conservation Theory	3
CONS 402	Applied Conservation	4
CONS 410	Human Dimensions in Conservation (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
CONS 490	RS: Integrated Conservation Strategies (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
Total Credits		16

Endangered Species Conservation Track

Code	Title	Credits
Note: SMSC ESC semester required		
CONS 400	Conservation Seminar	2
CONS 406	Small Population Management	4
CONS 491	RS: Conservation Management Planning (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CONS 496	Research in Conservation (Mason Core) (http://catalog.gmu.edu/mason-core/)	6
Total Credits		16

Wildlife Ecology and Conservation Track

Code	Title	Credits
Note: SMSC WEC semester required		
CONS 400	Conservation Seminar	2
CONS 404	Biodiversity Monitoring	4
CONS 405	Landscape and Macrosystems Ecology	4
CONS 496	Research in Conservation (Mason Core) (http://catalog.gmu.edu/mason-core/)	6
Total Credits		16

Collaborative Leadership Track

Code	Title	Credits
Note: Fairfax-based, social science track		
CONF 300	Conflict Resolution Techniques and Practice	3
INTS 311	The Mysteries of Migration: Consequences for Conservation (Mason Core) (http://catalog.gmu.edu/mason-core/)	6
or INTS 403	Conservation Behavior (Mason Core) (http://catalog.gmu.edu/mason-core/)	
INTS 334	Environmental Justice (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
Select two courses in Process Design and Leadership from the following:		6-8
CONF 320	Interpersonal Conflict Analysis and Resolution	
CONF 325	Dialogue and Difference	
CONF 326	Negotiation	
CONF 329	Community Engagement and Collaborative Problem Solving	
CONF 335	Justice and Reconciliation	
CONF 340	Global Conflict Analysis and Resolution (Mason Core) (http://catalog.gmu.edu/mason-core/)	
CONF 425	Mediating Conflict	
INTS 404	Ethics and Leadership	
INTS 435	Leadership in a Changing Environment	
Total Credits		19-21

Concentration in Life Sciences (LIFS)

Prepares students for work and graduate study in medical and health promotion fields. Focus areas include Pre-Medical, Pre-Dental, Pre-Occupational Therapy, Pre-Physician Assistant, Pre-Pharmacy, and Pre-Physical Therapy, Pre-Optometry, Pre-Veterinary

Core Courses

Code	Title	Credits
INTS 410	Contemporary Health: Intersections in Science and Society (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
PHIL 309	Bioethics (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
or PHIL 344	Ethical Issues in Global Health	
Choose one course from the following		3
ANTH 363	Humans, Disease, and Death (Mason Core) (http://catalog.gmu.edu/mason-core/)	
ANTH 381	Medical Anthropology	
SOCI 390	Sociology of Health, Illness, and Disability	
WMST 319	Gender, Health, and Culture in the United States	
WMST 404	Gender, Sexuality, and Disability	
Total Credits		10

Emphasis

Students must complete one of the following emphases.

Pre-Occupational Therapy Emphasis

Code	Title	Credits
ATEP 201 or HAP 202	Medical and Scientific Terminology Medical Terminology	3
BIOL 124 & BIOL 125	Human Anatomy and Physiology and Human Anatomy and Physiology	8
or		
BIOL 430 & BIOL 431	Advanced Human Anatomy and Physiology I and Advanced Human Anatomy and Physiology II	
PSYC 100	Basic Concepts in Psychology (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
PSYC 211	Lifespan Development (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
BIOL 213	Cell Structure and Function	4
PSYC 325	Psychopathology	3
ONE SOCI course		3
STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4
or BIOL 214	Biostatistics for Biology Majors	
PHYS 243 & PHYS 244	College Physics I (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics I Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
PHYS 245 & PHYS 246	College Physics II (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics II Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
Total Credits		38-39

Pre-Medical Emphasis

Code	Title	Credits
BIOL 124 & BIOL 125	Human Anatomy and Physiology and Human Anatomy and Physiology	8
or		
BIOL 430 & BIOL 431	Advanced Human Anatomy and Physiology I and Advanced Human Anatomy and Physiology II	
BIOL 213	Cell Structure and Function	4
BIOL 311	General Genetics	4
BIOL 483	General Biochemistry	4
or CHEM 463	General Biochemistry I	
CHEM 211 & CHEM 213	General Chemistry I (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 212 & CHEM 214	General Chemistry II (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory II (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 313 & CHEM 315	Organic Chemistry I and Organic Chemistry Lab I	5

CHEM 314 & CHEM 318	Organic Chemistry II and Organic Chemistry Lab II	5
STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4
or BIOL 214	Biostatistics for Biology Majors	
PHYS 243 & PHYS 244	College Physics I (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics I Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
PHYS 245 & PHYS 246	College Physics II (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics II Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
PSYC 100	Basic Concepts in Psychology (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
SOCI 101	Introductory Sociology (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
MATH 113	Analytic Geometry and Calculus I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
Total Credits		59-60

Pre-Dental Emphasis

Code	Title	Credits
BIOL 124 & BIOL 125	Human Anatomy and Physiology and Human Anatomy and Physiology	8
or		
BIOL 430 & BIOL 431	Advanced Human Anatomy and Physiology I and Advanced Human Anatomy and Physiology II	
BIOL 213	Cell Structure and Function	4
BIOL 483	General Biochemistry	4
or CHEM 463	General Biochemistry I	
BIOL 311	General Genetics	4
CHEM 211 & CHEM 213	General Chemistry I (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 212 & CHEM 214	General Chemistry II (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory II (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 313	Organic Chemistry I	3
CHEM 315	Organic Chemistry Lab I	2
CHEM 314	Organic Chemistry II	3
CHEM 318	Organic Chemistry Lab II	2
PHYS 243 & PHYS 244	College Physics I (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics I Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4

PHYS 245 & PHYS 246	College Physics II (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics II Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4
or BIOL 214	Biostatistics for Biology Majors	
PSYC 100	Basic Concepts in Psychology (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
SOCI 101	Introductory Sociology (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
Total Credits		55-56

Pre-Pharmacy Emphasis

Code	Title	Credits
BIOL 124 & BIOL 125	Human Anatomy and Physiology and Human Anatomy and Physiology	8
or		
BIOL 430 & BIOL 431	Advanced Human Anatomy and Physiology I and Advanced Human Anatomy and Physiology II	
BIOL 213	Cell Structure and Function	4
BIOL 305	Biology of Microorganisms	3
BIOL 306	Biology of Microorganisms Laboratory	1
BIOL 311	General Genetics	4
BIOL 483	General Biochemistry	4
or CHEM 463	General Biochemistry I	
CHEM 211 & CHEM 213	General Chemistry I (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 212 & CHEM 214	General Chemistry II (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory II (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 313	Organic Chemistry I	3
CHEM 315	Organic Chemistry Lab I	2
CHEM 314	Organic Chemistry II	3
CHEM 318	Organic Chemistry Lab II	2
ECON 100	Economics for the Citizen (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
MATH 113	Analytic Geometry and Calculus I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4
or BIOL 214	Biostatistics for Biology Majors	
COMM 100	Public Speaking (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
Total Credits		55-56

Pre-Physical Therapy Emphasis

Code	Title	Credits
BIOL 102 & BIOL 103 & BIOL 105	Introductory Biology I-Survey of Biodiversity and Ecology (Mason Core) (http://catalog.gmu.edu/mason-core/) and Introductory Biology II-Survey of Cell and Molecular Biology (Mason Core) (http://catalog.gmu.edu/mason-core/) and Introductory Biology II Laboratory (Mason Core) (http://catalog.gmu.edu/mason-core/)	8
or		
BIOL 213 & BIOL 311	Cell Structure and Function and General Genetics	
BIOL 124 & BIOL 125	Human Anatomy and Physiology and Human Anatomy and Physiology	8
or		
BIOL 430 & BIOL 431	Advanced Human Anatomy and Physiology I and Advanced Human Anatomy and Physiology II	
PSYC 100	Basic Concepts in Psychology (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4
or BIOL 214		
BIOL 214	Biostatistics for Biology Majors	
CHEM 103	Chemical Science in a Modern Society (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
or CHEM 211 & CHEM 213		
CHEM 211 & CHEM 213	General Chemistry I (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory I (Mason Core) (http://catalog.gmu.edu/mason-core/)	
CHEM 104	Chemistry for Changing Times (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
or CHEM 212 & CHEM 214		
CHEM 212 & CHEM 214	General Chemistry II (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory II (Mason Core) (http://catalog.gmu.edu/mason-core/)	
PHYS 243 & PHYS 244	College Physics I (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics I Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
PHYS 245 & PHYS 246	College Physics II (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics II Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
PSYC 211	Lifespan Development (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
or PSYC 325		
PSYC 325	Psychopathology	
Total Credits		41-42

Pre-Physician's Assistant Emphasis

Code	Title	Credits
ATEP 201	Medical and Scientific Terminology	3
or HAP 202		
HAP 202	Medical Terminology	

BIOL 124 & BIOL 125	Human Anatomy and Physiology and Human Anatomy and Physiology	8
or		
BIOL 430 & BIOL 431	Advanced Human Anatomy and Physiology I and Advanced Human Anatomy and Physiology II	
BIOL 213	Cell Structure and Function	4
BIOL 305	Biology of Microorganisms	3
BIOL 306	Biology of Microorganisms Laboratory	1
CHEM 211 & CHEM 213	General Chemistry I (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 212 & CHEM 214	General Chemistry II (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory II (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 313	Organic Chemistry I	3
CHEM 315	Organic Chemistry Lab I	2
CHEM 463	General Biochemistry I	4
or BIOL 483		
BIOL 483	General Biochemistry	
PSYC 100	Basic Concepts in Psychology (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
PSYC 211	Lifespan Development (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
or PSYC 325		
PSYC 325	Psychopathology	
STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4
or BIOL 214		
BIOL 214	Biostatistics for Biology Majors	
Total Credits		45-46

Pre-Optometry Emphasis

Code	Title	Credits
BIOL 124 & BIOL 125	Human Anatomy and Physiology and Human Anatomy and Physiology	8
or		
BIOL 430 & BIOL 431	Advanced Human Anatomy and Physiology I and Advanced Human Anatomy and Physiology II	
BIOL 213	Cell Structure and Function	4
BIOL 305	Biology of Microorganisms	3
BIOL 306	Biology of Microorganisms Laboratory	1
BIOL 311	General Genetics	4
CHEM 211 & CHEM 213	General Chemistry I (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4

CHEM 212 & CHEM 214	General Chemistry II (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory II (Mason Core) (http://catalog.gmu.edu/mason-core/)	4	PHYS 243 & PHYS 244	College Physics I (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics I Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 313	Organic Chemistry I	3	PHYS 245 & PHYS 246	College Physics II (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics II Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 315	Organic Chemistry Lab I	2	STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4
CHEM 314	Organic Chemistry II	3	or BIOL 214	Biostatistics for Biology Majors	
CHEM 318	Organic Chemistry Lab II	2	Total Credits		45-46
MATH 113	Analytic Geometry and Calculus I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4	Individualized Concentration (IND)		
PHYS 243 & PHYS 244	College Physics I (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics I Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4	Code	Title	Credits
PHYS 245 & PHYS 246	College Physics II (Mason Core) (http://catalog.gmu.edu/mason-core/) and College Physics II Lab (Mason Core) (http://catalog.gmu.edu/mason-core/)	4		With approval of the executive director, students may construct an individualized concentration.	30
STAT 250	Introductory Statistics I (Mason Core) (http://catalog.gmu.edu/mason-core/)	3-4	Total Credits		30
or BIOL 214	Biostatistics for Biology Majors		Additional Electives		
PSYC 100	Basic Concepts in Psychology (Mason Core) (http://catalog.gmu.edu/mason-core/)	3	Any remaining credits may be completed with electives to bring the degree total to 120		
PSYC 211	Lifespan Development (Mason Core) (http://catalog.gmu.edu/mason-core/)	3	4-Year Plan		
or PSYC 325	Psychopathology		Bachelor of Science in Integrative Studies Sample Plan of Study		
Total Credits		59-60	A sample four year graduation plan and degree planning worksheet can be found at https://academicaffairs.chss.gmu.edu/undergraduate-students/advising/advising-sheets (https://academicaffairs.chss.gmu.edu/undergraduate-students/advising/advising-sheets/). The plan is a recommended sequencing of courses based on prerequisites and scheduling. This may not fit every student's needs and is a guideline, not a requirement. Students should confirm major requirements with their academic advisor each semester and with their PatriotWeb Degree Evaluation to ensure they enroll in the proper courses and are on track to graduate.		

Pre-Veterinary Emphasis

Code	Title	Credits
BIOL 213	Cell Structure and Function	4
BIOL 311	General Genetics	4
BIOL 483	General Biochemistry	4
or CHEM 463	General Biochemistry I	
CHEM 211 & CHEM 213	General Chemistry I (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 212 & CHEM 214	General Chemistry II (Mason Core) (http://catalog.gmu.edu/mason-core/) and General Chemistry Laboratory II (Mason Core) (http://catalog.gmu.edu/mason-core/)	4
CHEM 313	Organic Chemistry I	3
CHEM 315	Organic Chemistry Lab I	2
CHEM 314	Organic Chemistry II	3
CHEM 318	Organic Chemistry Lab II	2
MATH 113	Analytic Geometry and Calculus I (Mason Core) (http://catalog.gmu.edu/mason-core/)	4

Accelerated Master's

Many accelerated master's programs are available for any bachelor's degree at Mason. See the full list of degrees (http://catalog.gmu.edu/programs/#filter=filter_24) with accelerated programs at George Mason.