



Degree Requirements *Applied Global Conservation (BS)*

www.integrative.gmu.edu

Description

Students in the Applied Global Conservation concentration learn how to effectively address global conservation challenges, such as climate change, biodiversity loss, and ecosystem collapse. These challenges are complex and necessitate an interdisciplinary approach, drawing upon fields such as biology, policy, law, anthropology, sociology, conflict resolution, environmental justice, economics and communication. Classwork is interactive and discussion-based and incorporates group projects and presentations. Students also earn credits through active learning experiences, such as field investigations, case study analyses, internships, service projects, and study abroad. They learn to apply their knowledge and effect real-world change. This integrative approach encourages students to enhance their programs of study to meet their own interests and needs. With access to the Smithsonian-Mason Semester and international conservation organizations in the Washington, DC area, our graduates are well positioned to compete in today's diverse conservation job market or enter graduate school.

About Integrative Studies/Philosophy

The Bachelor of Science degree program in integrative studies is based on intensive, interdisciplinary learning communities coordinated with traditional academic programs. The result is an integrated program of study that emphasizes collaboration, experiential learning, and self-reflection. The degree program requires mastery of eight essential competencies: communication, global understanding, group interaction, aesthetic awareness, critical thinking, civic engagement, digital literacy, and well-being.

Learning Communities (24 credits)

Learning communities are interdisciplinary courses that combine different subjects into a single course that is usually 3 or 6 credits. In learning communities, faculty and students explore various ways to understand a topic. Learning communities are structured to help promote a greater sense of identity with an academic community. Hallmarks of Integrative Studies learning communities are team teaching, collaborative projects, emphasis on writing and critical thinking, and opportunity for independent study. They often include experiential learning, either as an integral part of the class or as an optional add on.

Experiential Learning (12 credits)

Experiential learning includes internships, study abroad, community service learning, course field trips, and other field study opportunities. The learning sites may change each semester and are usually off campus. George Mason provides student liability insurance for the experiential learning internship, but students are responsible for their own transportation and health care. Accident and health insurance is available from George Mason.

No more than 24 credits of experiential learning can count toward a student's total credits for graduation.

Required Courses

Core in Global Conservation:

INTS 210 – Sustainable World

INTS 401 – Conservation Biology

INTS 402 – Plants, People & Culture

Statistics: BIOL 312 - Biostatistics **or** STAT 250 - Introductory Statistics I

Natural Science & Policy (four or five courses)

Courses at GMU:	OR	Smithsonian-Mason Semester Program
INTS 390, 395 or 398		CONS 320 - Conservation in Practice
BIOL 308 – Foundation of Ecology and Evolution		CONS 401 - Conservation Theory
BIOL 310 – Biodiversity		CONS 402 - Applied Conservation
BIOL 377 – Applied Ecology or EVPP 361 – Intro to Environmental Policy		CONS 410 - Human Dimensions in Conservation
		CONS 490 - Integrated Conservation Strategies

Global Environment Issues (one course)

ANTH 370, ANTH 400; EVPP 337, EVPP 436, GGS 302, GGS 304, SOC 320

INTS Coursework (choose two):

INTS 220, 305, 307, 308, 311, 331, 33

Sample 4-year plan

First Year				Second Year			
Fall Semester		Spring Semester		Fall Semester		Spring Semester	
*INTS Core	6	*INTS Core	6	INTS 210	4	SOC 320	3
*Western Civ/ History	3	*ENGH 101	3	INTS 331	3	INTS 345	5
*Global Understanding	3	*Social & Behavioral Sci	3	BIOL 213	4	BIOL 305	3
*BIOL 103	4	*STAT 250	3	CHEM 211	4	BIOL 306	1
						Elective	
Total:	16	Total:	15	Total:	15	Total:	15
Third Year				Fourth Year			
Fall Semester		Spring Semester		Fall Semester		Spring Semester	
EVPP 337	3	INTS 3xx/4xx	3	INTS 490 Internship	4	INTS 401	6
GGS 302	3	BIOL 308	5	INTS 3xx/4xx	4	INTS 402	6
BIOL 311	4	BIOL 310	5	Elective/Minor	3	Elective/Minor	3
BIOL 301	3	EVPP 361	3	Elective/Minor	3		
INTS 3xx/4xx	3						
Total:	16	Total:	16	Total:	14	Total:	15

*these courses also fulfill general education requirements

Advising/Further Information

integrative.gmu.edu/programs/la-bs-ints-agcn

Integrative Studies

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