

# APPLIED CONSERVATION SCIENCE GRADUATE CERTIFICATE

**Banner Code:** LA-CERG-ACNS

## Academic Advising

1500 Remount Road  
Front Royal, VA 22630

Email: [scbitraining@si.edu](mailto:scbitraining@si.edu)  
Website: [smconservation.gmu.edu](http://smconservation.gmu.edu)

The graduate certificate in applied conservation science provides students with hands-on education in conservation science. The courses in this program are all residential, full-day, one- or two-week intensive courses held at the Smithsonian Mason School of Conservation in Front Royal, Virginia. This certificate is designed for early to mid-career conservation professionals working in government, non-governmental organizations, and research institutions worldwide.

Students acquire essential skills in conservation research and practice while developing a crucial understanding of the principles and philosophies underlying effective conservation and biodiversity programs. They learn how to apply analysis techniques and tools to address those questions and evaluate conservation outcomes.

Upon completion of the certificate, students will have developed practical and analytical skills applicable to a wide range of programs in applied conservation science research, policy, and practice -- from single-species protection and landscape-level restoration and management to community conservation initiatives and human-wildlife conflict mitigation.

The graduate certificate in applied conservation science may be pursued on a part-time or full-time basis.

## Admissions & Policies

### Admissions

Applicants to all graduate programs at George Mason University must meet the admission standards and application requirements for graduate study as specified in Graduate Admissions. For information specific to the graduate certificate in applied conservation science, see Application Requirements and Deadlines (<http://chss.gmu.edu/programs/LA-CERG-ACNS/application>).

### Policies

For policies governing all graduate certificates, see AP.6.8 Requirements for Graduate Certificates.

## Requirements

### Certificate Requirements

Total credits: 15

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### Core Courses

CONS 620	Spatial Ecology, Geospatial Analysis Remote Sensing for Conservation	3
CONS 625	Statistics for Ecology and Conservation Biology	3
Total Credits		6

### Human Dimensions

Select one course from the following:		3
CONS 640	Adaptive Management for Conservation Success	
CONS 660	Effective Conservation Leadership	
CONS 665	Conservation Conflict Resolution	
CONS 697	Special Topics in Conservation	
Total Credits		3

### Electives

Select 6 credits from the following:		6
CONS 630	Species Monitoring Conservation <sup>1</sup>	
CONS 635	Non-Invasive Genetic Techniques in Wildlife Conservation	
CONS 640	Adaptive Management for Conservation Success <sup>2</sup>	
CONS 660	Effective Conservation Leadership <sup>2</sup>	
CONS 665	Conservation Conflict Resolution <sup>2</sup>	
CONS 697	Special Topics in Conservation <sup>1</sup>	
Total Credits		6

<sup>1</sup> May be repeated for credit when topics are different.

<sup>2</sup> If not used to fulfill human dimensions requirement