

# SUSTAINABILITY STUDIES MINOR

**Banner Code: SSTS**

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The core principle of sustainability is the desire to meet the basic material needs of the current generation without compromising the ability of future generations to meet their needs. In order to achieve this goal, we must recognize and address the conflicts and trade-offs involved in balancing environmental integrity, social equity, and economic stability. Such complex work necessarily involves contributions from a wide range of disciplines and it also requires a re-examination of the relationship between human value systems, cultural practices, and the associated long-term implications for the ecosystem.

This is a Green Leaf program (<http://catalog.gmu.edu/student-services/green-leaf-programs-courses/>).

## Admissions & Policies

### Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see AP.5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

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

## Requirements

### Minor Requirements

Total credits: 16

This is a Green Leaf program.

Students should refer to the Admissions & Policies tab for specific policies related to this program.

Candidates for the minor must complete coursework with a minimum GPA of 2.00.

### Core Courses

Code	Title	Credits
EVPP 480	Sustainability in Action (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
INTS 210	Sustainable World (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
Total Credits		8

### Electives

A maximum of two courses from a single department or program can be counted for elective credit. Preapproved courses are listed here

and others may be substituted. See the undergraduate coordinator for additional electives.

Code	Title	Credits
Select 8 credits from the following:		
EVPP 108 & EVPP 109	Ecosphere - Introduction to Environmental Science I-Lecture (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and Ecosphere- Introduction to Environmental Science I- Lab (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	8
EVPP 201	Environment and You: Issues for the Twenty-First Century (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
EVPP 322	Business and Sustainability	
EVPP 336	Tackling Wicked Problems in Society the Environment	
EVPP 337	Environmental Policy Making in Developing Countries	
EVPP 338	Economics of Environmental Policy	
EVPP 355	Ecological Engineering and Ecosystem Restoration	
EVPP 361	Introduction to Environmental Policy	
EVPP 362	Intermediate Environmental Policy	
EVPP 378	RS: Ecological Sustainability (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
EVPP 421	Marine Conservation	
EVPP 434	Food-Energy-Water-Climate Nexus	
BIOL 379	RS: Ecological Sustainability (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
CHEM 155	Introduction to Environmental Chemistry I (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
CLIM 101	Global Warming: Weather, Climate, and Society (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
CLIM 319	Air Pollution	
GEOL 305	Environmental Geology	
GGS 102	Physical Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
GGS 103	Human Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
GGS 121	Dynamic Atmosphere and Hydrosphere (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
GGS 122	Dynamic Geosphere and Ecosphere	
GGS 302	Global Environmental Hazards	
GGS 303	Geography of Resource Conservation (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	

GGGS 304	Population Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
GGGS 307	Geographic Approaches for Sustainable Development
GGGS 312 or CLIM 312	Physical Climatology
GGGS 314 or CLIM 314	Severe and Extreme Weather
PHYS 331	Physics of Renewable Energy
PHYS 385	Materials Science with Applications to Renewable Energy
ANTH 370	Environment and Culture
AVT 385	EcoArt (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
CEIE 355	Environmental Engineering and Science
CEIE 401	Sustainable Land Development
CEIE 450	Environmental Engineering Systems
CONS 401	Conservation Theory
CONS 404	Biodiversity Monitoring
CONS 410	Human Dimensions in Conservation (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
ECON 105	Environmental Economics for the Citizen (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
ECON 335	Environmental Economics
INTS 102	Global Networks and Communities (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
INTS 211	Introduction to Conservation Studies (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
INTS 311	The Mysteries of Migration: Consequences for Conservation (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
INTS 334	Environmental Justice (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
INTS 401	Conservation Biology (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
INTS 402	Plants and People - Sustenance, Ceremony, and Sustainability
PHIL 343	Topics in Environmental Philosophy (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
RMGT 250	Wilderness Travel and Sustainability
RMGT 300	People With Nature
RMGT 402	Human Behavior in Natural Environments
RMGT 501	Introduction to Natural Resources Law
SOCI 320	Globalization and Social Change (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
TOUR 340	Sustainable Tourism