

SUSTAINABILITY STUDIES MINOR

Banner Code: SSTS

Yoonsung Kim, Undergraduate Program Director

Email: espug@gmu.edu

Website: esp.gmu.edu

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) (http://catalog.gmu.edu/mason-core/) | 4 |
| INTS 210 | Sustainable World (Mason Core) (http://catalog.gmu.edu/mason-core/) | 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) (http://catalog.gmu.edu/mason-core/) and Ecosphere- Introduction to Environmental Science I- Lab (Mason Core) (http://catalog.gmu.edu/mason-core/) | 8 |
| EVPP 201 | Environment and You: Issues for the Twenty-First Century (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| EVPP 322 | Business and Sustainability | |
| EVPP 336 | Tackling Wicked Problems in Society the Environment (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| EVPP 337 | Environmental Policy Making in Developing Countries (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| EVPP 338 | Economics of Environmental Policy | |
| EVPP 361 | Introduction to Environmental Policy | |
| EVPP 362 | Intermediate Environmental Policy | |
| EVPP 378 | RS: Ecological Sustainability (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| EVPP 421 | Marine Conservation | |
| EVPP 434 | Food-Energy-Water-Climate Nexus | |
| BIOL 379 | RS: Ecological Sustainability (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| CHEM 155 | Introduction to Environmental Chemistry I (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| CLIM 101 | Global Warming: Weather, Climate, and Society (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| CLIM 319 | Air Pollution | |
| GEOL 305 | Environmental Geology (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| GGG 102 | Physical Geography (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| GGG 103 | Human Geography (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| GGG 121 | Dynamic Atmosphere and Hydrosphere (Mason Core) (http://catalog.gmu.edu/mason-core/) | |
| GGG 122 | Dynamic Geosphere and Ecosphere | |
| GGG 302 | Global Environmental Hazards | |
| GGG 303 | Geography of Resource Conservation (Mason Core) (http://catalog.gmu.edu/mason-core/) | |

| | |
|------------------------|---|
| GGS 304 | Population Geography (Mason Core) (http://catalog.gmu.edu/mason-core/) |
| GGS 307 | Geographic Approaches for Sustainable Development |
| GGS 312 or CLIM 312 | Physical Climatology |
| GGS 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) (http://catalog.gmu.edu/mason-core/) |
| 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) (http://catalog.gmu.edu/mason-core/) |
| ECON 105 | Environmental Economics for the Citizen (Mason Core) (http://catalog.gmu.edu/mason-core/) |
| ECON 335 | Environmental Economics |
| INTS 102 | Global Networks and Communities (Mason Core) (http://catalog.gmu.edu/mason-core/) |
| INTS 211 | Introduction to Conservation Studies (Mason Core) (http://catalog.gmu.edu/mason-core/) |
| INTS 311 | The Mysteries of Migration: Consequences for Conservation (Mason Core) (http://catalog.gmu.edu/mason-core/) |
| INTS 334 | Environmental Justice (Mason Core) (http://catalog.gmu.edu/mason-core/) |
| INTS 401 | Conservation Biology (Mason Core) (http://catalog.gmu.edu/mason-core/) |
| PHIL 343 | Topics in Environmental Philosophy (Mason Core) (http://catalog.gmu.edu/mason-core/) |
| 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) (http://catalog.gmu.edu/mason-core/) |
| TOUR 340 | Sustainable Tourism |