

**GEORGE MASON UNIVERSITY**  
**B.A. DEGREE IN ENVIRONMENTAL & SUSTAINABILITY STUDIES** (ess.gmu.edu)  
 Begins Fall, 2013 Catalog Year

Required	GENERAL EDUCATION REQUIREMENTS (36-42)	Semester	Grade
3	Written communication: ENGL 100 or 101		
3	Written communication: ENGL 302		
3	Oral communication COMM 100 or 101		
3	Quantitative reasoning <b>MATH 106 (or higher) or STAT 250</b>		
3	Information technology		
3	Literature		
3	Arts		
N/A	Natural science (satisfied by completion of major requirements)		
3	Western civilization / world history: HIST 100 or 125		
N/A	Social & behavioral science (satisfied by completion of major requirements)		
3	Global understanding		
N/A	Synthesis (satisfied by completion of major requirements)		
3	Philosophy or religious studies		
3	Non-western culture		
3-9	Proficiency in a foreign language through the intermediate level		

(chss.gmu.edu/general-education/all-requirements)

**MAJOR REQUIREMENTS: CORE CLASSES (42)**

3	ECON 105 <b>Environmental Economics for the Citizen</b>		
4	EVPP 110 <b>Ecosphere-Environmental science I</b>		
4	EVPP 111 <b>Ecosphere – Environmental Science II</b>		
3	EVPP 322 <b>Business and Sustainability</b>		
3	EVPP 336 <b>Human Dimensions in the Environment</b> (Prerequisites: EVPP 110/111)		
3	EVPP 361 <b>Introduction to Environmental Policy</b>		
3	EVPP 377 <b>Applied Ecology</b> (Prerequisite: 60 credits)		
4	EVPP 480 <b>Sustainability in Action</b> (Prerequisite: 60 credits)		
4	INTS 210 <b>Sustainable World</b>		
4	INTS 334 <b>Environmental Justice</b>		
3	INTS 490 <b>Internship</b> (Prerequisite: 60 credits) (ncc.gmu.edu/current-students/internships)		
4	SOCI 313 <b>Statistics for Behavioral Sciences</b> (Prerequisite: SOCI 101 or instructor permission)		

**MAJOR REQUIREMENTS: EXPERIENTIAL LEARNING (2)**

2	Students must complete 2 credits of experiential learning. These credits may be earned through NCC courses with embedded EL, an additional internship, field studies, or study abroad. EL credits earned from NCLC 210 & 334 and EVPP 480 (from the core) cannot be applied. However, these credits may be simultaneously applied to the credits required for a concentration.		
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(ncc.gmu.edu/current-students/experiential-learning)

**MAJOR REQUIREMENTS: ONE CONCENTRATION**

**Concentration in Climate Change and Society (18)**

3-4	CLIM 101 (3) <b>Weather, Climate, and Society</b> or GGS 121 (4) <b>Dynamic Atmosphere and Hydrosphere</b>		
3	EVPP 436 <b>Human Dimensions of Global Climate Change</b>		
3	EVPP 432 <b>Energy Policy</b> (Prerequisites: EVPP 361 and 30 hrs)		
	<b>And at least nine credits from the following classes:</b>		
3	EVPP 362 <b>Intermediate Environmental Policy</b> (Prerequisites: EVPP 361) OR GOVT 362)		
3	PHIL 243 <b>Global Environmental Ethics</b>		
3	PHIL 343 <b>Issues in Environmental Ethics</b>		
3	GGS 302 <b>Global Environmental Hazards</b>		
3	GGS 304 <b>Population Dimensions of Global Change</b> (prereq: 30 hours)		
3	GGS 309 <b>Meteorology and Climate</b>		

3	GGG 312 <b>Physical Climatology</b>		
3	GGG 314 <b>Severe and Extreme Weather</b>		

### **Concentration in Equity & Environmental Justice (18)**

3	EVPP 362 <b>Intermediate Environmental Policy</b> (Prerequisites: EVPP 361) OR GOVT 362		
3	EVPP 436 <b>Human Dimensions of Global Climate Change</b>		
3	INTS 336 <b>Poverty, Wealth, and Inequality</b>		
3	INTS 337 <b>Social Justice Consciousness</b>		

*And at least 6 credits from the following:*

3	CONF 394 <b>Human Rights and Inequality</b>		
3	GGG 304 <b>Population Dimensions of Global Change</b>		
3	GGG 307 <b>Sustainable Development</b>		
3	GOVT 445 <b>Human Rights</b>		
4	INTS 304 <b>Social Movements and Community Activism</b>		
3	INTS 338 <b>Animal Rights and Humane Education</b>		
6	INTS 402 <b>People and Plants: Sustenance, Ceremony, and Sustainability</b>		
4	INTS 331 <b>The Non-Profit Sector</b>		
3	SOCI 320 <b>Social Structure &amp; Globalization</b>		
3	SOCI 355 <b>Social Inequalities</b>		

### **Concentration in Environmental Economics (18)**

3	ECON 104 <b>Contemporary Macroeconomic Principles</b>		
3	ECON 306 <b>Intermediate Microeconomics</b>		
3	EVPP 338 <b>Economics of Environmental Policy</b>		
3	EVPP 362 <b>Intermediate Environmental Policy</b> (Prerequisites: EVPP 361) OR GOVT 362		

*And at least 6 credits from the following:*

3	ECON 360 <b>Economics of Developing Areas</b>		
3	ECON 361 <b>Economic Development of Latin America</b>		
3	ECON 362 <b>African Economic Development</b>		
3	EVPP 337 <b>Environmental Policy Making in Developing Countries</b>		
3	GGG 305 <b>Economic Geography</b>		

### **Concentration in Environmental Policy & Politics (18)**

3	EVPP 338 <b>Ecological Economics</b>		
3	EVPP 362 <b>Intermediate Environmental Policy</b> (Prerequisites: EVPP 361) OR GOVT 362		
3	GOVT 103 <b>Introduction to American Government</b>		
3	GOVT 132 <b>Introduction to international Politics</b>		

*And at least 6 credits from the following:*

3	GGG 307 <b>Sustainable Development</b>		
3	EVPP 337 <b>Environmental Policy Making in Developing Countries</b>		
3	EVPP 432 <b>Energy Policy</b>		
3	GEOL 420 <b>Earth Science &amp; Policy</b>		
4	INTS 331 <b>The Non-Profit Sector</b>		
6	INTS 402 <b>People and Plants: Sustenance, Ceremony &amp; Sustainability</b>		
3	PHIL 243 <b>Global Environmental Ethics</b>		
3	PHIL 343 <b>Issues in Environmental Ethics</b>		