

GEORGE MASON UNIVERSITY
B.A. DEGREE IN ENVIRONMENTAL & SUSTAINABILITY STUDIES
 Begins Fall, 2014 Catalog Year

GENERAL EDUCATION REQUIREMENTS (36-42) (see advising.gmu for Gen Ed. Requirements)

Semester

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| 3 | Written communication: ENGL 100 or 101 | |
| 3 | Written communication: ENGL 302 | |
| 3 | Oral communication COMM 100 or 101 | |
| 3 | Quantitative reasoning MATH 106 (or higher) or STAT 250 | |
| 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 (210 level) | |

MAJOR REQUIREMENTS: CORE CLASSES (42 credits)

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| 3 | ECON 105 Environmental Economics for the Citizen | |
| 4 | EVPP 110 Ecosphere-Environmental science I | |
| 4 | EVPP 111 Ecosphere – Environmental Science II | |
| 3 | EVPP 322 Business and Sustainability (Prerequisites: 30 credit hours) | |
| 3 | EVPP 336 Human Dimensions of the Environment (Prerequisites: One of EVPP 110, EVPP 111, GEOL 101, SOCI 101, or ANTH 114) | |
| 3 | EVPP 361 Introduction to Environmental Policy (Prerequisites: 30 credit hours) OR GOVT 361 Introduction to Environmental Policy (Prerequisites: 30 credit hours) | |
| 3 | EVPP 377 Applied Ecology (Prerequisites: 60 credits, including 8 credits of biology, geology, or chemistry; or permission of instructor) | |
| 4 | EVPP 480 Sustainability in Action (Prerequisites: Completed or concurrent enrollment in all other required Mason Core courses; completion of 60 credits) | |
| 4 | INTS 210 Sustainable World | |
| 4 | INTS 334 Environmental Justice | |
| 3 | INTS 490 Internship (Prerequisites: Sophomore standing and permission of instructor) Visit ncc.gmu.edu/current-students/internships for information. MUST be pre-approved by internship coordinator for credits to count towards degree. | |
| 4 | SOCI 313 Statistics for the Behavioral Sciences (Prerequisites: SOCI 101 or instructor permission) | |

MAJOR REQUIREMENTS: EXPERIENTIAL LEARNING (2 credits)

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| 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 INTS 210, 334, & 490 and EVPP 480 (from the core) cannot be applied . However, these credits may be simultaneously applied to the credits required for a concentration. Visit ncc.gmu.edu/current-students/experiential-learning for course information. | |
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MAJOR REQUIREMENTS: ONE CONCENTRATION

Concentration in Business and Sustainability (18 – 19 credits)

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| 3 | MBUS 300 Managing Financial Resources (prerequisites: 30 hours) | |
| 3 | MBUS 301 Managing People and Organizations (prerequisites: 30 hours) | |
| 3 | MBUS 306 Managing Projects and Operations (prerequisites: 30 hours) | |

One or two additional courses (3-4 credits) chosen from:

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| 1 | CHSS 310 Introduction to Entrepreneurship | |
| 3 | GOVT 353 Social Entrepreneurship | |
| 3 | IT 495 Turning Ideas into Successful Companies (prerequisites: senior standing) | |
| 3 | MBUS 304 Entrepreneurship: Starting and Managing a New Enterprise (prerequisites: 30 hours) | |
| 3 | MGMT 451 New Venture Creation (prerequisites: C or higher in MGMT 301 and degree status) | |

And at least six credits from the following classes:

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| 3 | ECON 335 Environmental Economics (Prerequisites: ECON 103 and 104 OR ECON 104 and 105) | |
| 3 | EVPP 338 Economics of Environmental Policy (Prerequisites: ECON 100 or ECON 103 or ECON 105 or ECON 110, or permission from instructor) | |
| 3 | EVPP 362 Intermediate Environmental Policy (Prerequisites: EVPP 361 or GOVT 361 or permission of instructor) OR GOVT 362 | |
| 3 | GGG 307 Sustainable Development (Prerequisites: 60 hours; GGS 122 and GGS 302, or permission of instructor) | |
| 3 | INTS 204 Leadership Theory and Practice | |
| 3 | PHIL 243 Global Environmental Ethics | |
| 3 | PHIL 305 Business Ethics | |

Concentration in Climate Change and Society (18 – 19 credits)

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| 3-4 | CLIM 101 (3) Global Warming: Weather, Climate, and Society or GGS 121 (4) Dynamic Atmosphere and Hydrosphere | |
| 3 | EVPP 432 Energy Policy (Prerequisites: 60 credits and EVPP 361/GOVT 361, or Permission of Instructor) | |
| 3 | EVPP 436 Human Dimensions of Global Climate Change (Prerequisites: EVPP 336, CLIM 101 and 60 credits, or Permission of Instructor) | |

And at least nine credits from the following classes:

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| 3 | EVPP 362 Intermediate Environmental Policy (Prerequisites: EVPP 361 or GOVT 361 or permission of instructor.) OR GOVT 362 | |
| 3 | GGG 302 Global Environmental Hazards (Prerequisites: 30 hours) | |
| 3 | GGG 304 Population Dimensions of Global Change (Prerequisites: 30 hours) | |
| 3 | GGG 309 Meteorology and Climate (Prerequisites: GGS 102, 121, or equivalent; permission of instructor) | |
| 3 | GGG 312 Physical Climatology (Prerequisites: 30 hours; and GGS 121, MATH 113, PHYS 243-244, or permission of instructor) | |
| 3 | GGG 314 Severe and Extreme Weather (Prerequisites: MATH 113 or equivalent; CLIM/PHYS 111/112 or EOS 121 or GGS 121) | |
| 3 | GGG 322 Issues in Global Change (Prerequisites: GGS 121, GGS 122, or permission of instructor) | |
| 3 | GGG 353 Observations of the Earth and Its Climate (Prerequisites: GGS 121, GGS 122 or permission of instructor) | |
| 3-6 | INTS 220 Energy and the Environment | |
| 3 | PHIL 243 Global Environmental Ethics | |
| 3 | PHIL 343 Topics in Environmental Ethics | |

Concentration in Environmental Economics (18 credits)

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| 3 | ECON 104 Contemporary Macroeconomic Principles (Prerequisites: ECON 103) | |
| 3 | ECON 306 Intermediate Microeconomics (Prerequisites: ECON 103 and 104, and MATH 108 or 113) | |
| 3 | EVPP 338 Economics of Environmental Policy (Prerequisites: ECON 100 or ECON 103 or ECON 105 or ECON 110, or permission from instructor) | |
| 3 | EVPP 362 Intermediate Environmental Policy (Prerequisites: EVPP 361 or GOVT 361 or permission of instructor) | |

And at least 6 credits from the following:

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| 3 | ECON 360 Economics of Developing Areas (Prerequisites: ECON 103 and 104, or permission of instructor) | |
| 3 | ECON 361 Economic Development of Latin America (Prerequisites: ECON 103 and 104, or permission of instructor) | |
| 3 | ECON 362 African Economic Development (Prerequisites: ECON 103 and 104) | |
| 3 | EVPP 337 Environmental Policy Making in Developing Countries (Prerequisites: 60 credits) | |
| 3 | GGG 305 Economic Geography (Prerequisites: 30 credits) | |

Concentration in Environmental Policy & Politics (18 credits)

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| 3 | EVPP 338 Economics of Environmental Policy (Prerequisites: ECON 100 or ECON 103 or ECON 105 or ECON 110, or permission from instructor) | |
| 3 | EVPP 362 Intermediate Environmental Policy (Prerequisites: EVPP 361 or GOVT 361 or permission of instructor) OR GOVT 362 | |
| 3 | GOVT 103 Introduction to American Government | |
| 3 | GOVT 132 Introduction to international Politics | |

And at least 6 credits from the following:

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| 3 | EVPP 337 Environmental Policy Making in Developing Countries (Prerequisites: 60 credits) | |
| 3 | EVPP 432 Energy Policy (Prerequisites: 60 credits and EVPP 361/GOVT 361, or Permission of Instructor) | |
| 3 | GEOL 420 Earth Science & Policy (Prerequisites: see University Catalog) | |
| 3 | GGG 307 Sustainable Development (Prerequisites: 60 hours; GGS 122 and GGS 302, or permission of instructor) | |
| 3-6 | INTS 220 Energy and the Environment | |
| 4 | INTS 331 The Non-Profit Sector | |
| 6 | INTS 402 Plants and People: Sustenance, Ceremony & Sustainability | |
| 3 | PHIL 243 Global Environmental Ethics | |
| 3 | PHIL 343 Topics in Environmental Ethics | |

Concentration in Equity & Environmental Justice (18 credits)

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| 3 | EVPP 362 Intermediate Environmental Policy (Prerequisites: EVPP 361 or GOVT 361 or permission of instructor) OR GOVT 362 | |
| 3 | EVPP 436 Human Dimensions of Global Climate Change (Prerequisites: EVPP 336, CLIM 101 and 60 credits, or Permission of Instructor) | |
| 3 | INTS 336 Poverty, Wealth, and Inequality in the US | |
| 3 | INTS 337 Social Justice Consciousness and Personal Transformation | |

And at least 6 credits from the following:

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| 3 | CONF 394 Human Rights and Inequality | |
| 3 | EVPP 335 People, Plants & Culture (Prerequisites: Completion or concurrent enrollment in all other required Mason Core courses) | |
| 3 | GGG 304 Population Dimensions of Global Change (Prerequisites: 30 credits and completion of or concurrent enrollment in all Mason Core requirements) | |
| 3 | GGG 307 Sustainable Development (Prerequisites: 60 hours; GGS 122 and GGS 302, or permission of instructor) | |
| 3 | GOVT 445 Human Rights (Prerequisites: GOVT 132) | |
| 4 | INTS 304 Social Movements and Community Activism | |
| 4 | INTS 331 The Non-Profit Sector | |
| 3 | INTS 338 Animal Rights and Humane Education | |
| 6 | INTS 402 Plants and People: Sustenance, Ceremony, and Sustainability | |
| 3 | SOCI 320 Social Structure & Globalization | |
| 3 | SOCI 355 Social Inequality | |

Need 120 credits total to qualify for graduation, and 45 of those credits must be upper-level credits (300 or 400 level)