

ENVIRONMENTAL AND SUSTAINABILITY STUDIES, BA (CHSS)

Banner Code: LA-BA-EVSS

402 Enterprise Hall
Fairfax Campus

Website: <http://ess.gmu.edu/>

The BA in Environmental and Sustainability Studies is a joint program between the College of Humanities and Social Sciences and the College of Science.

This degree provides students with theoretical and practical knowledge of three aspects of environmental and sustainability studies: people, prosperity, and planet. In addition to required core courses, students develop more in-depth knowledge in their choice of concentration. This degree prepares students for employment and graduate study in fields related to social justice, business and public policy, and environmental protection as they relate to the environment and sustainability.

This is a Green Leaf program.

Admissions & Policies

Admissions

University-wide admissions policies can be found in the Undergraduate Admissions Policies section of this catalog.

To apply for this program, please complete the George Mason University Admissions Application (<https://www2.gmu.edu/admissions-aid/apply-now>).

Policies

Students pursuing this degree must complete a minimum of 60 credits within the major, with a minimum grade of 2.00 in each course.

For policies governing all undergraduate degrees, see AP.5 Undergraduate Policies.

Requirements

Degree Requirements

Total credits: minimum 120

This is a Green Leaf program.

Students should be aware of the specific policies associated with this program, located on the Admissions & Policies tab.

Of the credits required for this degree, 14 credits simultaneously fulfill core requirements for the major and Mason Core requirements, and, depending on the concentration and electives chosen, up to 9 credits may simultaneously fulfill Mason Core requirements and college BA requirements.

Core Courses in the Major

Core requirements may satisfy Mason Core requirements in natural science (EVPP 110 The Ecosphere: An Introduction to Environmental

Science I (Mason Core), EVPP 111 The Ecosphere: An Introduction to Environmental Science II (Mason Core)) and the college BA requirement for social and behavioral science (GOVT 361 Introduction to Environmental Policy).

| Code | Title | Credits |
|--|--|---------|
| Environmental Science and Society | | |
| EVPP 377 | Applied Ecology | 3 |
| And three courses from the following: | | 11-12 |
| EVPP 110 & EVPP 111 & EVPP 336 | The Ecosphere: An Introduction to Environmental Science I (Mason Core) and The Ecosphere: An Introduction to Environmental Science II (Mason Core) and Human Dimensions of the Environment | |
| EVPP 210 & EVPP 301 & EVPP 302 | Environmental Biology: Molecules and Cells and Environmental Science: Biological Diversity and Ecosystems and Environmental Science: Biomes and Human Dimensions | |
| Individual and Group Behavior | | |
| INTS 334 | Environmental Justice (Mason Core) | 4 |
| Business and Public Policy | | |
| ECON 105 | Environmental Economics for the Citizen (Mason Core) | 3 |
| EVPP 322 | Business and Sustainability | 3 |
| EVPP 361 | Introduction to Environmental Policy ¹ | 3 |
| or GOVT 361 | Introduction to Environmental Policy | |
| Statistics | | |
| SOCI 313 | Statistics for the Behavioral Sciences (Mason Core) | 4 |
| or BIOL 214 | Biostatistics for Biology Majors | |
| Integration, Analysis, Innovation | | |
| INTS 210 | Sustainable World (Mason Core) | 4 |
| EVPP 480 | Sustainability in Action (Mason Core) | 4 |
| Select one from the following: | | 3 |
| INTS 390 | International Internship (minimum of 3 credits required) | |
| INTS 490 | Internship (minimum of 3 credits required) | |
| Total Credits | | 42-43 |

¹ Satisfies the college BA requirement for social and behavioral science.

Concentration in the Major

Available Concentrations

- Concentration in Business and Sustainability (BUSU)
- Concentration in Climate Change and Society (CCSO)
- Concentration in Conservation and Sustainability (CSUS)
- Concentration in Environmental Policy and Economics (EVPE)

- Concentration in Equity and Environmental Justice (EQEJ)
- Concentration in Sustainable Food and Agriculture (SFG)

Concentration in Business and Sustainability (BUSU)

The requirements for this concentration, depending on the electives chosen, may satisfy the college BA requirement in philosophy and religious studies (PHIL 243 Global Environmental Ethics (Mason Core), PHIL 305 Business Ethics).

Students who have already taken and received credit for MGMT 303 Principles of Management or OM 303 Operations Management shall substitute MGMT 303 Principles of Management for MBUS 301 Managing People and Organizations in a Global Economy and OM 303 Operations Management for MBUS 306 Managing Projects and Operations. Both courses cannot be taken for credit. Students who have taken and received credit for both ACCT 203 Survey of Accounting and FNAN 303 Financial Management shall substitute the combination for MBUS 300 Accounting in a Global Economy. All three courses cannot be taken for credit.

For this concentration, students may substitute OM 211 Honors Statistical Analysis for Management for SOCI 313 Statistics for the Behavioral Sciences (Mason Core) (core requirement for degree). Students cannot receive credit for more than one of these.

Core Courses

| Code | Title | Credits |
|---|--|---------|
| Required Courses | | |
| MBUS 300 | Accounting in a Global Economy | 3 |
| MBUS 301 | Managing People and Organizations in a Global Economy | 3 |
| MBUS 306 | Managing Projects and Operations | 3 |
| Additional Course | | |
| Select one course (3 credits) from the following: | | 3 |
| GOVT 353 | Social Entrepreneurship | |
| IT 495 | Turning Ideas into Successful Companies | |
| MBUS 304 | Entrepreneurship: Starting and Managing a New Enterprise | |
| MGMT 451 | Introduction to Entrepreneurship | |
| Total Credits | | 12 |

Two Courses

| Code | Title | Credits |
|--|--|---------|
| Select two courses (6 credits) from the following: | | 6 |
| ECON 335 | Environmental Economics | |
| EVPP 338 | Economics of Environmental Policy | |
| EVPP 362 | Intermediate Environmental Policy | |
| GGG 307 | Sustainable Development | |
| INTS 204 | Leadership Theory and Practice | |
| PHIL 243 | Global Environmental Ethics (Mason Core) | |
| PHIL 305 | Business Ethics | |
| Other course work with advisor approval | | |
| Total Credits | | 6 |

Concentration in Climate Change and Society (CCSO)

The requirements for this concentration, depending on the electives chosen, may satisfy the college BA requirement in philosophy and

religious studies (PHIL 243 Global Environmental Ethics (Mason Core), PHIL 343 Topics in Environmental Philosophy (Mason Core)).

Required Courses

| Code | Title | Credits |
|---------------|--|---------|
| CLIM 101 | Global Warming: Weather, Climate, and Society (Mason Core) | 3-4 |
| or GGS 121 | Dynamic Atmosphere and Hydrosphere (Mason Core) | |
| EVPP 432 | Energy Policy | 3 |
| EVPP 436 | The Human Dimensions of Global Climate Change | 3 |
| Total Credits | | 9-10 |

Three Courses

| Code | Title | Credits |
|--|--|---------|
| Select three courses (9 credits) from the following: | | 9 |
| EVPP 362 | Intermediate Environmental Policy | |
| GGG 302 | Global Environmental Hazards | |
| GGG 304 | Population Geography (Mason Core) | |
| GGG 309 | Meteorology and Climate | |
| GGG 312 | Physical Climatology | |
| GGG 314 | Severe and Extreme Weather | |
| PHIL 243 | Global Environmental Ethics (Mason Core) ¹ | |
| PHIL 343 | Topics in Environmental Philosophy (Mason Core) ¹ | |
| Other course work with advisor approval | | |
| Total Credits | | 9 |

¹ Satisfies the college BA requirement in philosophy and religious studies.

Concentration in Conservation and Sustainability (CSUS) Smithsonian-Mason Program

Students complete one of the programs offered through the Smithsonian-Mason School of Conservation in cooperation with the Smithsonian Conservation Biology Institute.

Conservation, Biodiversity and Society Option (16 credits)

| Code | Title | Credits |
|---------------|---|---------|
| CONS 320 | Conservation in Practice | 3 |
| CONS 401 | Conservation Theory | 3 |
| CONS 402 | Applied Conservation | 4 |
| CONS 410 | Human Dimensions in Conservation (Mason Core) | 3 |
| CONS 490 | RS: Integrated Conservation Strategies (Mason Core) | 3 |
| Total Credits | | 16 |

Wildlife, Ecology, and Conservation Option (15 credits)

Offered only in Fall semesters, students complete four required courses:

| Code | Title | Credits |
|----------|------------------------------------|---------|
| CONS 400 | Conservation Seminar | 2 |
| CONS 404 | Biodiversity Monitoring | 4 |
| CONS 405 | Landscape and Macrosystems Ecology | 4 |

| | | |
|---------------|---------------------------------------|----|
| CONS 496 | Research in Conservation (Mason Core) | 5 |
| Total Credits | | 15 |

Endangered Species and Conservation Option (15 credits)

Offered only in Spring semesters, students complete four required courses:

| Code | Title | Credits |
|---------------|---|---------|
| CONS 400 | Conservation Seminar | 2 |
| CONS 406 | Small Population Management | 4 |
| CONS 491 | RS: Conservation Management Planning (Mason Core) | 4 |
| CONS 496 | Research in Conservation (Mason Core) | 5 |
| Total Credits | | 15 |

Three Credits

| Code | Title | Credits |
|---|--|---------|
| Select a minimum of three credits from the following: 3 | | |
| BIOL 472 | Introductory Animal Behavior | |
| EVPP 401 | Integrated Environmental Assessment | |
| EVPP 419 | Marine Mammal Biology and Conservation | |
| EVPP 421 | Marine Conservation | |
| EVPP 430 | Fundamentals of Environmental Geographic Information Systems | |
| GGG 303 | Geography of Resource Conservation (Mason Core) | |
| INTS 211 | Introduction to Conservation Studies (Mason Core) | |
| INTS 311 | The Mysteries of Migration: Consequences for Conservation (Mason Core) | |
| INTS 370 | Sustainable Food Systems | |
| INTS 371 | Food Systems and Policy (Mason Core) | |
| INTS 403 | Conservation Behavior (Mason Core) | |
| Other course work with advisor approval | | |
| Total Credits | | 3 |

Concentration in Environmental Policy and Economics (EVPE)

The requirements for this concentration satisfy the Mason Core requirement in social and behavioral science (ECON 104 Contemporary Macroeconomic Principles (Mason Core)) and, depending on the elective chosen, may fulfill the college BA requirement in non-Western culture (ECON 362 African Economic Development (Mason Core)).

Required Courses

Completion of these courses will satisfy the Mason Core social and behavioral science requirement.

| Code | Title | Credits |
|---------------|--|---------|
| ECON 104 | Contemporary Macroeconomic Principles (Mason Core) | 3 |
| EVPP 338 | Economics of Environmental Policy | 3 |
| EVPP 362 | Intermediate Environmental Policy | 3 |
| or GOVT 362 | Intermediate Environmental Policy | |
| GOVT 351 | Administration in the Political System | 3 |
| Total Credits | | 12 |

Six Credits

| Code | Title | Credits |
|---|---|---------|
| Select a minimum of six credits from the following: 6 | | |
| CONF 340 | Global Conflict Analysis and Resolution (Mason Core) | |
| ECON 306 | Intermediate Microeconomics | |
| ECON 311 | Intermediate Macroeconomics | |
| ECON 330 | Public Finance | |
| ECON 345 | Introduction to Econometrics | |
| ECON 360 | Economics of Developing Areas (Mason Core) | |
| ECON 412 | Game Theory and Economics of Institutions | |
| EVPP 337 | Environmental Policy Making in Developing Countries | |
| EVPP 396 | Directed Topic in Environmental Science and Policy | |
| EVPP 401 | Integrated Environmental Assessment | |
| EVPP 432 | Energy Policy | |
| GEOL 420 | Earth Science and Policy (Mason Core) | |
| GGG 305 | Economic Geography | |
| GGG 307 | Sustainable Development | |
| GOVT 339 | Issues in the Politics of Advanced Industrial Societies | |
| GOVT 343 | International Political Economy | |
| GOVT 357 | Urban Planning | |
| GOVT 364 | Public Policy Making | |
| INTS 331 | The Nonprofit Sector (Mason Core) | |
| INTS 371 | Food Systems and Policy (Mason Core) | |
| Other course work with advisor approval | | |
| Total Credits | | 6 |

Concentration in Equity and Environmental Justice (EQEJ) Required Courses

| Code | Title | Credits |
|---------------|--|---------|
| EVPP 362 | Intermediate Environmental Policy | 3 |
| EVPP 436 | The Human Dimensions of Global Climate Change | 3 |
| INTS 336 | Poverty, Wealth and Inequality in the US (Mason Core) | 3 |
| INTS 337 | Social Justice Consciousness and Personal Transformation | 3 |
| Total Credits | | 12 |

Six Credits

| Code | Title | Credits |
|---|--|---------|
| Select a minimum of six credits from the following: 6 | | |
| CONF 394 | Human Rights and Inequality | |
| GGG 304 | Population Geography (Mason Core) | |
| GGG 307 | Sustainable Development | |
| GOVT 445 | Human Rights | |
| INTS 304 | Social Movements and Community Activism (Mason Core) | |
| INTS 331 | The Nonprofit Sector (Mason Core) | |
| INTS 338 | Animal Rights and Humane Education | |

| | | |
|---|--|---|
| INTS 362 | Social Justice and Human Rights (Mason Core) | |
| INTS 402 | Plants and People - Sustenance, Ceremony, and Sustainability | |
| SOCI 320 | Globalization and Social Change (Mason Core) | |
| SOCI 355 | Social Inequality (Mason Core) | |
| Other course work with advisor approval | | |
| Total Credits | | 6 |

Concentration in Sustainable Food and Agriculture (SFG)

Required Courses

| Code | Title | Credits |
|---------------|---|---------|
| INTS 370 | Sustainable Food Systems | 6 |
| INTS 371 | Food Systems and Policy (Mason Core) | 3 |
| INTS 470 | Professional Pathways in Sustainable Food Systems | 1 |
| Total Credits | | 10 |

Eight Credits

| Code | Title | Credits |
|---|--|---------|
| Select a minimum of eight credits from the following: 8 | | |
| ANTH 366 | Food and Human Evolution | |
| ANTH 376 | Food and Culture | |
| BIOL 344 | Plant Diversity and Evolution | |
| BIOL 345 | Plant Ecology | |
| EVPP 436 | The Human Dimensions of Global Climate Change | |
| GGS 303 | Geography of Resource Conservation (Mason Core) | |
| INTS 331 | The Nonprofit Sector (Mason Core) | |
| INTS 338 | Animal Rights and Humane Education | |
| INTS 402 | Plants and People - Sustenance, Ceremony, and Sustainability | |
| NUTR 295 | Introduction to Nutrition (Mason Core) | |
| NUTR 408 | Food Security | |
| Other course work with advisor approval | | |
| Total Credits | | 8 |

Writing-Intensive Requirement

The university requires all students to complete at least one course designated as "writing intensive" in their major at the 300 level or above. Students majoring in environmental and sustainability studies should consult an advisor to learn how to fulfill this requirement.

Upper Level Requirement

Students seeking a bachelor's degree must apply at least 45 credits of upper-level courses (numbered 300 or above) toward graduation requirements.

Additional Electives

Any remaining credits may be completed with elective courses to bring the degree total to 120.

College Level Requirements for the BA Degree

In addition to the Mason Core program, students pursuing a BA degree must complete the coursework below. Except where expressly prohibited,

a course used to fulfill a college level requirement may also be used simultaneously to satisfy other requirements (Mason Core requirements or requirements for the major).

Philosophy or Religious Studies

| Code | Title | Credits |
|--|-------|---------|
| Select 3 credits from the following: 3 | | |
| PHIL ¹ | | |
| RELI | | |

¹ Note that the following courses may not be used to fulfill this requirement:

- PHIL 323 Classical Western Political Theory
- PHIL 324 Modern Western Political Theory
- PHIL 327 Contemporary Western Political Theory
- PHIL 393 Humanities College to Career
- PHIL 460 Senior Seminar in Philosophy, Politics, and Economics

Additionally, PHIL 253 Philosophy and Literature (Mason Core) and RELI 235 Religion and Literature (Mason Core) cannot be used to fulfill both the philosophy/religious studies requirement and the Mason Core literature requirement.

Social and Behavioral Sciences

| Code | Title | Credits |
|--|-------|---------|
| Select 3 credits of social and behavioral sciences from the following (additional to the Mason Core social and behavioral sciences requirement) ¹ 3 | | |
| ANTH | | |
| CRIM | | |
| ECON | | |
| GOVT | | |
| HIST ² | | |
| LING | | |
| PSYC | | |
| SOCI | | |

Or choose from the following GGS courses:

| | |
|---------|---|
| GGS 101 | Major World Regions (Mason Core) |
| GGS 103 | Human Geography (Mason Core) |
| GGS 110 | Introduction to Geoinformation Technologies |
| GGS 301 | Political Geography |
| GGS 303 | Geography of Resource Conservation (Mason Core) |
| GGS 304 | Population Geography (Mason Core) |
| GGS 305 | Economic Geography |
| GGS 306 | Urban Geography |
| GGS 315 | Geography of the United States |
| GGS 316 | Geography of Latin America |
| GGS 320 | Geography of Europe |
| GGS 325 | Geography of North Africa and the Middle East |
| GGS 330 | Geography of the Soviet Succession States |
| GGS 357 | Urban Planning |
| GGS 380 | Geography of Virginia |

¹ The two courses used to fulfill the combined college and Mason Core requirements must be from different disciplines in the social and behavioral sciences.

² HIST 100 History of Western Civilization (Mason Core) and HIST 125 Introduction to World History (Mason Core) may not be used to fulfill this requirement.

Foreign Language

| Code | Title | Credits |
|---|----------------------------------|---------|
| Intermediate-level proficiency in one foreign language, fulfilled by: ¹ | | |
| Completing a course in a foreign language numbered 202 (or higher level courses taught in the language) | | |
| Or achieving a satisfactory score on an approved proficiency test | | |
| Or completing the following ASL three course sequence: | | |
| EDSE 115 | American Sign Language (ASL) I | |
| EDSE 116 | American Sign Language (ASL) II | |
| EDSE 219 | American Sign Language (ASL) III | |

¹ Students who are already proficient in a second language may be eligible for a waiver of this requirement. Additional information on waivers can be found at the Office of Undergraduate Academic Affairs (<http://chssundergrad.gmu.edu>).

Non-Western Culture

Select 3 credits of an approved course in the study of a non-Western culture (additional to the Mason Core requirement in global understanding)

| Code | Title | Credits |
|---|---|---------|
| Select 3 credits (additional to Mason Core Global Understanding requirement) ¹ | | |
| ANTH 114 | Introduction to Cultural Anthropology (Mason Core) | 3 |
| ANTH 300 | Civilizations | 3 |
| ANTH 301 | Native North Americans | 3 |
| ANTH 302 | Peoples and Cultures of Latin America (Mason Core) | 3 |
| ANTH 303 | Peoples and Cultures of the Andes | 3 |
| ANTH 306 | Peoples and Cultures of Island Asia (Mason Core) | 3 |
| ANTH 307 | Ancient Mesoamerica (Mason Core) | 3 |
| ANTH 308 | Peoples and Cultures of the Middle East (Mason Core) | 3 |
| ANTH 309 | Peoples and Cultures of India (Mason Core) | 3 |
| ANTH 313 | Myth, Magic, and Mind (Mason Core) | 3 |
| ANTH 314 | Zombies | 3 |
| ANTH 316 | Peoples and Cultures of the Caribbean (Mason Core) | 3 |
| ANTH 323 | Digging and Dealing in the Dead: Ethics in Archaeology | 3 |
| ANTH 330 | Peoples and Cultures of Selected Regions: Non-Western | 3 |
| ANTH 332 | Cross-Cultural Perspectives on Globalization (Mason Core) | 3 |
| ANTH 381 | Medical Anthropology | 3 |

| | | |
|----------|---|---|
| ANTH 383 | Cities of the Global South | 3 |
| ANTH 396 | Issues in Anthropology: Social Sciences (Mason Core) | 3 |
| ARAB 360 | Topics in Arabic Cultural Production | 3 |
| ARAB 420 | Survey of Arabic Literature | 3 |
| ARAB 440 | Topics in Arabic Religious Thought and Texts (Mason Core) | 3 |
| ARTH 203 | Survey of Asian Art (Mason Core) | 3 |
| ARTH 204 | Survey of Latin American Art (Mason Core) | 3 |
| ARTH 206 | Survey of African Art (Mason Core) | 3 |
| ARTH 318 | Art and Archaeology of Ancient Egypt | 3 |
| ARTH 319 | Art and Archaeology of the Ancient Near East (Mason Core) | 3 |
| ARTH 320 | Art of the Islamic World (Mason Core) | 3 |
| ARTH 382 | Arts of India (Mason Core) | 3 |
| ARTH 383 | Arts of Southeast Asia (Mason Core) | 3 |
| ARTH 384 | Arts of China (Mason Core) | 3 |
| ARTH 385 | Arts of Japan (Mason Core) | 3 |
| ARTH 386 | The Silk Road (Mason Core) | 3 |
| ARTH 482 | RS: Advanced Studies in Asian Art | 3 |
| CHIN 318 | Introduction to Classical Chinese (Mason Core) | 3 |
| CHIN 320 | Contemporary Chinese Film | 3 |
| CHIN 325 | Major Chinese Writers (Mason Core) | 3 |
| DANC 118 | World Dance (Mason Core) | 3 |
| ECON 361 | Economic Development of Latin America (Mason Core) | 3 |
| ECON 362 | African Economic Development (Mason Core) | 3 |
| FREN 451 | Topics in Sub-Saharan Francophone Literature and Culture | 3 |
| FREN 454 | Topics in Caribbean Francophone Literature and Culture | 3 |
| GGS 101 | Major World Regions (Mason Core) | 3 |
| GGS 316 | Geography of Latin America | 3 |
| GGS 325 | Geography of North Africa and the Middle East | 3 |
| GGS 330 | Geography of the Soviet Succession States | 3 |
| GGS 399 | Select Topics in GGS | 3 |
| GOVT 328 | Global Political Theory | 3 |
| GOVT 332 | Government and Politics of the Middle East and North Africa | 3 |
| GOVT 333 | Government and Politics of Asia | 3 |
| GOVT 338 | Government and Politics of Russia | 3 |
| GOVT 340 | Central Asian Politics | 3 |
| GOVT 341 | Chinese Foreign Policy | 3 |
| GOVT 345 | Islam and Politics | 3 |
| GOVT 433 | Political Economy of East Asia | 3 |
| HIST 251 | Survey of East Asian History (Mason Core) | 3 |
| HIST 252 | Survey of East Asian History (Mason Core) | 3 |

| | | |
|----------|---|-----|
| HIST 261 | Survey of African History (Mason Core) | 3 |
| HIST 262 | Survey of African History (Mason Core) | 3 |
| HIST 271 | Survey of Latin American History (Mason Core) | 3 |
| HIST 272 | Survey of Latin American History (Mason Core) | 3 |
| HIST 281 | Survey of Middle Eastern Civilization (Mason Core) | 3 |
| HIST 282 | Survey of Middle Eastern Civilization (Mason Core) | 3 |
| HIST 326 | Stalinism | 3 |
| HIST 327 | The Soviet Union and Russia Since World War II | 3 |
| HIST 328 | Rise of Russia (Mason Core) | 3 |
| HIST 329 | Modern Russia and the Soviet Union (Mason Core) | 3 |
| HIST 353 | History of Traditional China | 3 |
| HIST 354 | Modern China | 3 |
| HIST 356 | Modern Japan (Mason Core) | 3 |
| HIST 357 | Postwar Japan (Mason Core) | 3 |
| HIST 358 | Post-1949 China (Mason Core) | 3 |
| HIST 360 | History of South Africa (Mason Core) | 3 |
| HIST 364 | Revolution and Radical Politics in Latin America (Mason Core) | 3 |
| HIST 365 | Conquest and Colonization in Latin America (Mason Core) | 3 |
| HIST 366 | Comparative Slavery | 3 |
| HIST 367 | History, Fiction, and Film in Latin America | 3 |
| HIST 387 | Topics in Global History (Mason Core) | 3-6 |
| HIST 426 | The Russian Revolution | 3 |
| HIST 460 | Modern Iran (Mason Core) | 3 |
| HIST 461 | Arab-Israeli Conflict | 3 |
| HIST 462 | Women in Islamic Society (Mason Core) | 3 |
| HIST 465 | The Middle East in the 20th Century | 3 |
| JAPA 310 | Japanese Culture in a Global World (Mason Core) | 3 |
| JAPA 340 | Topics in Japanese Literature (Mason Core) | 3 |
| KORE 320 | Korean Popular Culture in a Global World | 3 |
| MUSI 103 | Musics of the World (Mason Core) | 3 |
| RELI 211 | Religions of the West (Mason Core) | 3 |
| RELI 212 | Religions of Asia (Mason Core) | 3 |
| RELI 240 | Death and the Afterlife in World Religions | 3 |
| RELI 272 | Islam | 3 |
| RELI 313 | Hinduism (Mason Core) | 3 |
| RELI 314 | Chinese Philosophies and Religious Traditions | 3 |
| RELI 315 | Buddhism (Mason Core) | 3 |
| RELI 337 | Mysticism: East and West | 3 |
| RELI 365 | Muhammad: Life and Legacy | 3 |
| RELI 374 | Islamic Thought (Mason Core) | 3 |
| RELI 375 | Qur'an and Hadith | 3 |
| RELI 379 | Islamic Law, Society, and Ethics | 3 |
| RELI 387 | Islam, Democracy, and Human Rights | 3 |

| | | |
|----------|---|---|
| RELI 490 | Comparative Study of Religions (Mason Core) | 3 |
| RUSS 353 | Russian Civilization (Mason Core) | 3 |
| RUSS 354 | Contemporary Post-Soviet Life (Mason Core) | 3 |

¹ A course used to fulfill the Mason Core global understanding requirement may not be simultaneously used to satisfy this college-level requirement. A course used to fulfill this requirement may be used simultaneously to fulfill any other requirements (Mason Core requirements, college-level requirements, or requirements for the major). Additional information on waivers can be found at the Office of Undergraduate Academic Affairs (<http://chssundergrad.gmu.edu>).

Mason Core

Note: Some Mason Core requirements may already be fulfilled by the major requirements listed above. Students are strongly encouraged to consult their advisors to ensure they fulfill all remaining Mason Core requirements.

| Code | Title | Credits |
|---------------------------------|--------------------------------------|-----------|
| Foundation Requirements | | |
| | Written Communication (ENGH 101) | 3 |
| | Oral Communication | 3 |
| | Quantitative Reasoning | 3 |
| | Information Technology and Computing | 3 |
| Exploration Requirements | | |
| | Arts | 3 |
| | Global Understanding | 3 |
| | Literature | 3 |
| | Natural Science | 7 |
| | Social and Behavioral Sciences | 3 |
| | Western Civilization/World History | 3 |
| Integration Requirements | | |
| | Written Communications (ENGH 302) | 3 |
| | Writing-Intensive ¹ | 3 |
| | Synthesis/Capstone ² | 3 |
| | Total Credits | 40 |

¹ Most programs include the writing-intensive course designated for the major as part of the major requirements; this course is therefore not counted towards the total required for Mason Core.

² Minimum 3 credits required.

Accelerated Master's

The accelerated master's programs in the list below specify the BA in environmental and sustainability studies as a feeder degree for their programs. It is important to note, however, that many accelerated master's programs are available for any bachelor's degree at Mason, including this one. See the full list of master's degrees with accelerated programs at George Mason.

Bachelor's Degree (selected)/ Interdisciplinary Studies, Accelerated MAIS (Social Justice and Human Rights Concentration)

Overview

Highly-qualified undergraduates in select majors (listed below) may apply to the accelerated master's degree in interdisciplinary studies with a concentration in social justice and human rights. If accepted, and depending on their undergraduate major, students will be able to earn an undergraduate degree in their chosen major and a master's in interdisciplinary studies with a concentration in social justice and human rights after satisfactory completion of 150 credits, sometimes within five years.

For more detailed information, see AP.6.7 Bachelor's/Accelerated Master's Degrees. For policies governing all graduate degrees, see AP.6 Graduate Policies.

Selected Majors

Anthropology, Environmental and Sustainability Studies, Sociology, English, History, Philosophy, Conflict Analysis and Resolution, Psychology, Government and International Politics, Integrative Studies, and Communication.

Application Requirements

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 accelerated MAIS, see Application Requirements and Deadlines (<http://mais.gmu.edu/programs/la-mais-isin/application>) on the departmental web site.

Accelerated Option Requirements

While undergraduate students, accelerated master's students complete INTS 540 Contemporary Issues in Social Justice Human Rights and one course chosen from the list of electives for the MAIS concentration in social justice and human rights as indicated on their Accelerated Master's Program Application with a minimum grade of 3.00 in each course. Once admitted to the accelerated master's pathway, students must maintain a minimum cumulative GPA of 3.25 in all course work. Upon completion and conferral of the undergraduate degree in the semester indicated in the application, they submit the Bachelor's/Accelerated Master's Transition Form and are admitted to graduate status.

As graduate students, accelerated master's students have an advanced standing. They must meet all master's degree requirements except for the two courses (6 credits) they completed as undergraduates. Students must begin their master's program the semester immediately following conferral of the undergraduate degree.

Reserve Graduate Credit

Students may take up to 6 additional graduate credits as reserve graduate credit (chosen from the list of electives for the MAIS concentration in social justice and human rights). These credits do not apply to the undergraduate degree. The ability to take courses for reserve graduate credit is available to all high achieving undergraduates with the permission of the program. Permission to take a graduate course for reserve graduate credit is normally granted only to Mason seniors

within 15 hours of graduation. See AP.1.4.4 Graduate Course Enrollment by Undergraduates.

| Code | Title | Credits |
|---|-------|---------|
| Select up to 6 credits from the list of electives for the MAIS concentration in social justice and human rights | | 6 |
| Total Credits | | 6 |

Bachelor's Degree (selected)/ Environmental Science and Policy, Accelerated MS

Overview

This degree option allows highly qualified George Mason University students to earn an Environmental Science and Policy, MS in less time than if they had first graduated with an environmentally-focused Green Leaf-designated BA or BS degree and then applied to the MS program sequentially.

For more detailed information, see AP.6.7 Bachelor's/Accelerated Master's Degrees. For policies governing all graduate programs, see AP.6 Graduate Policies.

Admission Requirements

Students with an overall GPA of at least 3.20 who are pursuing any Green Leaf-designated major or minor may apply for provisional acceptance into this accelerated master's program after completing two semesters of chemistry (including CHEM 211 General Chemistry I (Mason Core) and CHEM 212 General Chemistry II (Mason Core) and three semesters of biology, including a course in ecology, or the equivalent, for example:

| Code | Title | Credits |
|--------------------------------------|--|---------|
| Select one of the following options: | | 13 |
| Option 1: | | |
| BIOL 213 | Cell Structure and Function (Mason Core) | |
| BIOL 214 | Biostatistics for Biology Majors | |
| BIOL 308 | Foundations of Ecology and Evolution | |
| Option 2: | | |
| EVPP 210 | Environmental Biology: Molecules and Cells | |
| EVPP 301 | Environmental Science: Biological Diversity and Ecosystems | |
| EVPP 302 | Environmental Science: Biomes and Human Dimensions | |
| EVPP 305 | Environmental Microbiology Essentials | |
| EVPP 306 | Environmental Microbiology Essentials Laboratory | |
| Option 3: | | |
| CONS 401 | Conservation Theory | |
| CONS 402 | Applied Conservation | |
| 6 credits of BIOL or CONS electives | | |
| Option 4: | | |
| CONS 403 | Ecology and Conservation Theory | |
| CONS 404 | Biodiversity Monitoring | |
| 6 credits of BIOL or CONS electives | | |

By the beginning of the undergraduate's senior year, they should first submit a Graduate Application for Accelerated Master's Program form (obtained from the Office of Academic and Student Affairs (<https://cos.gmu.edu/about/contact-us>)). Secondly, in their senior year accelerated master's students must complete the two graduate courses indicated on their Accelerated Master's Program Application with a minimum grade of 3.00 in each course. They must maintain a minimum GPA of 3.00 in all coursework and in coursework applied to their major. Upon completion and conferral of the undergraduate degree in a Green Leaf-designated program, in the semester indicated in the application, they must additionally submit the Bachelor's/Accelerated Master's Transition form (found on the Office of the University Registrar website (<http://registrar.gmu.edu/forms>)) and will subsequently be admitted into graduate status.

By at least the beginning of their senior year, they should seek out a faculty member in the Department of Environmental Science and Policy who is willing to serve as their advisor (unless the student is planning to enroll in the MS concentration in Environmental Management). This advisor will aid the student in choosing the appropriate graduate courses to take and help to prepare the student for graduate studies. Admission into a research-oriented master's concentration is dependent upon securing the agreement of a faculty advisor. Faculty from a variety of departments and colleges at George Mason (called "program faculty") can serve as master's advisors. Potential students are encouraged to speak with the graduate program coordinator in the department to obtain guidance on this issue.

Application Requirements

Applicants to all graduate programs at Mason must meet the admission standards and application requirements for graduate study as specified in the Graduate Admission Policies section of this catalog, *excluding* the GRE exam requirement (which is not required for those enrolled in the accelerated program). This includes three letters of recommendation (at least one from a former professor or someone with a PhD), a recent resume, a statement of interest/research goals and interests (including information on the candidate's proposed MS research), and a letter from their advisor stating that the advisor agrees to take on the candidate as an MS student, how the candidate would be a good fit for them and why candidate's research topic would be suitable (please note that a letter of endorsement from an advisor not necessary for candidates taking the Environmental Management concentration).

For information specific to the accelerated Environmental Science and Policy, MS, see Graduate Admissions on the department's website (<http://esp.gmu.edu/academic-programs/graduate/admissions>).

Reserve Graduate Credits

Students admitted to this program may take graduate courses after completing 90 undergraduate credits, and up to 6 credits of appropriate environmentally-focused graduate coursework may be used in partial satisfaction of the requirements for the undergraduate degree. If students earn at least a 3.00 GPA in these classes, they are granted advanced standing in the master's program and must then complete an additional 27-31 credits to receive the master's degree.

To apply these credits to the master's degree, students must request that the credits be moved from the undergraduate degree to the graduate degree using the Bachelor's/Accelerated Master's Transition form found on the Office of the University Registrar website (<http://registrar.gmu.edu/forms>) (as noted above).

Students may take up to 6 additional environmentally-focused graduate credits as reserve graduate credit. These credits do not apply to the undergraduate degree but will reduce the subsequent master's degree credits accordingly (e.g., with 6 credits counted towards undergraduate degree plus the maximum 6 reserve credits, an MS could be completed with 21 post-bachelor's credits). The ability to take courses for reserve graduate credit is available to all high achieving undergraduates with the permission of the department.