



**Interdisciplinary
Studies**

ACCELERATED MASTERS DEGREE

ENERGY AND SUSTAINABILITY

Training the sustainability professionals of the future

Program Highlights

The Energy and Sustainability (EAS) concentration focuses on finding ways to meet present needs for energy and material goods without compromising the ability of future generations to meet their needs. A sustainability education lies at the intersection of:

- environmental science
- engineering
- economics
- business
- public policy
- social justice

Energy required to fuel all of these endeavors is a crucial component of sustainability.

Experiential learning is required and opportunities can include internships, service-learning, consulting projects, and field studies or research (including overseas). The greater Washington, DC area gives unique opportunities to partner with public and private businesses, governmental agencies, environmental and conservation groups and environmental-focused companies.

George Mason University puts research and scholarship into action to support a just, prosperous, and sustainable world. Mason launched its Institute for a Sustainable Earth to lead this applied research, while the Patriot Green Fund provides grants to support students' sustainability-related scholarship.

For the most up-to-date accelerated masters application and degree requirements visit:

mais.gmu.edu/prospective/for-undergraduates

website: mais.gmu.edu

email: mais@gmu.edu

Degree Requirements - 36 Total Credits

EVPP 533 Energy Policy - 3 Credits

GGG 507 Geographic Approaches for Sustainable Development - 3 Credits

PHYS 581 Topics in Renewable Energy or **GEOL 521** Geology of Energy Resources - 3 Credits

Energy, Sustainability or Environmental Policy - 6-9 Credits

Humanities or Social Science Approaches to Sustainability & Environmental Issues - 6-9 Credits

Planning, Modeling, or Management - 3-6 Credits

Natural Science - 3-6 Credits

Research Methods Course - 3 Credits

MAIS 793 Integrated Learning Experience - 3 Credits

Capstone Project or Thesis (Optional) - 3 Credits

Accelerated Masters Classes

Advanced Standing Courses

Up to 12 credits, with a minimum grade of B in each; courses listed are 3 credits unless otherwise noted

ECON 695 Special Topics in Economics (when the topic involves environmental or sustainability issues)

EVPP 533 Energy Policy

EVPP 642 Environmental Policy

GGG 507 Geographic Approaches for Sustainable Development

GLOA 605 Interdisciplinary Research Methods

PHIL 643 Environmental Ethics

PHYS 581 Topics in Renewable Energy

Reserve Graduate Credit Courses

Up to 6 credits, taken while an undergraduate, and will only apply to the graduate degree program

ECON 695 Special Topics in Economics

EVPP 533 Energy Policy

EVPP 642 Environmental Policy

GGG 507 Geographic Approaches for Sustainable Development

GLOA 605 Interdisciplinary Research Methods

PHIL 643 Environmental Ethics

PHYS 581 Topics in Renewable Energy

MAIS: A Master's With A Mission

The Interdisciplinary Studies (MAIS) program in the College of Humanities & Social Sciences consists of multiple established degree paths that exist in partnership with academic units and faculty across the University. It offers a home for students with broad academic interests who seek a master's degree to help them to create a better world. While their degree paths may vary dramatically, our students share a desire to address critical problems facing the world today.

Available Degree Paths

Computational Social Science - Energy and Sustainability

Individualized Studies - Religious Studies - Social Entrepreneurship

Social Justice and Human Rights - War and the Military in Society

Women and Gender Studies