THE RISE OF SUSTAINABLE ENERGY AND ENVIRONMENTAL MANAGEMENT

The public and private sectors in Georgia and beyond are strengthening their commitment to sustainable practices. There is a growing interest in socially responsible business practices, clean energy and environmental policies, and stakeholder engagement through nongovernmental organizations (NGOs). At a time when the world’s energy, communication, transportation and water infrastructures are undergoing transformational change, Georgia Tech proposes to deliver fact-based policy expertise to the next generation of leaders in these industries and associated public agencies and NGOs.

With global urbanization and increasing concerns about the nation’s “natural capital,” the interdisciplinary nature of the field makes Georgia Tech’s School of Public Policy (SPP) an ideal fit to ground a professional degree in sustainability. With the interdisciplinary skills that SEEM graduates would gain in this professional graduate program, they will be equipped with the training to fill much-needed positions throughout the state of Georgia, as well as around the United States and the world.

FEATURES

- Georgia Tech’s School of Public Policy - ranked #12 by U.S. News and World Report in E&E Policy and Management
- Practical training based on a comprehensive, flexible program of study: online or on-campus.
- Hands-on experience with real-world sustainability projects, learning under Atlanta-based employers.
- Fully funded Fellowships available and cost-competitive tuition.

The program takes an innovative and integrative approach to sustainability that prioritizes the management of Earth’s systems and resources through an understanding of best practices.

Where our graduates work

Universities
- University of East Anglia
- European Institute on Economics and the Environment
- Erasmus University
- Iowa State University
- Michigan Technology University
- Emory University
- University of Talca

U.S. Environmental Protection Agency

Federal Energy Regulatory Commission

Michigan Energy Office

Georgia Public Service Commission

Oglethorpe Power

U.S. Department of Energy

Government

National Labs: ANL, LLNL, NREL, & ORNL

Atlanta Office of Resilience

EcoAct

Natural Resources Defense Council

mc² Group

American Council for an Energy-Efficient Economy

The Greenlink Group

Deloitte

Demand-Side Analytics

Coca-Cola

Business

Amazon

Union of Concerned Scientists

Quest Renewables

ICF

SPPGATECH.EDU
THE CURRICULUM

MSEEM can be completed either full time (4-4-2 courses in a single year) or part time (2-2-1 courses each year for 2 years). The graduate Certificate is offered as a stand-alone option or as part of the MSEEM curriculum. The programs are available either on-campus or online.

The Sustainable Energy and Environmental Management curriculum is a multi-disciplinary program with courses taught in schools across the Georgia Tech campus. These include Public Policy, Business, Industrial and Systems Engineering, City and Regional Planning, Civil and Environmental Engineering, and Economics among others.

SAMPLE COURSE OF STUDY

CSEEM: Certificate of Sustainable Energy and Environmental Management

2 required classes

1 quantitative methods class

1 SEEM elective OR
1 policy and management elective

MSEEM: Master of Sustainable Energy and Environmental Management

2 required classes
Sustainable Energy and Environmental Management
Economics of Environmental Policy

2 quantitative methods classes
Sample Courses
Big Data & Public Policy
Cost Benefit Analysis

3 SEEM electives +
1 policy and management elective
Sample Courses
Climate Policy
Energy Policy and Markets
Earth Systems
Energy Technology and Policy

Professional Paper
Students can complete a Professional Paper at Georgia Tech, in a study abroad, or in an internship in the United States.

Electric Urban Delivery Trucks: Energy Use, Greenhouse Gas Emissions, and Cost-Effectiveness

Metrics for New LEED Construction
Our Faculty

Courses are taught by expert faculty, including renowned practitioners in fields ranging from environmental law to alternative energy financing, as well as researchers who are leaders in environmental management, Earth science, and engineering. The program utilizes environmental and sustainable development research and practitioner experience to provide practical training in sustainability management to a new generation of professionals who will address critical interdisciplinary issues.

Omar Isaac Asensio
Data Science Policy Management

Marilyn Brown
Energy policy modeling Smart Grid Policies Renewables and EVs

Jennifer Clark
Regional economics Industrial data

Michael Elliott
Environmental Planner Mediator

Alice Favero
Environmental economics Climate Policy Natural resource economics

Scott Ganz
Social organization Spatial economic analysis Impacts of carbon tax

Emily Grubert
Infrastructure policy Energy-water nexus Modeling societal values

Gordon Kingsley
Public Management Policy Partnerships Policy Implementation

Emanuele Massetti
Climate Change Economics Climate Policy

Daniel Matisoff
Environmental Policy Energy Policy Analysis

Bryan Norton
Sustainable Theory Sustainable Practice

Michael Rodgers
Transportation and Energy Air Quality Environmental Science

Valerie Thomas
Environmental Modeling Energy Modeling

Our Alumni

The School of Public Policy graduated almost 800 students with over 400 from the Master program creating an impressive network of accomplished professionals. Our alumni hold leading positions in large private firms, government agencies, and non-government organizations both in the United States and abroad.

Our Students

The School of Public Policy aspires to attract MSEEM students who are dedicated to mastering the science of sustainability and passionate about putting their education into practice. Online students will be drawn from a cross section of businesses, industries, and organizations with a range of sustainable initiatives, as well as those who are looking to change careers.

The Georgia Institute of Technology is a leading research university committed to improving the human condition through advanced science and technology.
You will join Master of Sustainable Energy and Environmental Management students from a variety of backgrounds. Many have work experience before joining the program and others come straight from earning an undergraduate degree.

Although many of our students are building on the value of their science or engineering backgrounds by adding public policy expertise, others are enhancing their liberal arts or policy degrees with a greater understanding of science and technology implications for public policy. Ours is a diverse, international student body, and we encourage students with an interest in public policy to apply, whatever their background.

You will need the following information to complete your application for either the MSEEM or CSEEM:

- Official transcripts from all schools attended.
- Graduate Record Examination test scores.
- TOEFL scores for international applicants who do not hold a degree from an English-speaking institution.
- Admissions essays.
- Three letters of recommendation.
- Application fee.

Estimated Program Costs (Actual costs may vary):

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<tr>
<th></th>
<th>MSEEM</th>
<th>CSEEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-state student participating on-campus:</td>
<td>$20,253</td>
<td>$8,101</td>
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<td>Out-of-State student participating on-campus:</td>
<td>$38,729</td>
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<td>Online student:</td>
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Approximately 5 fully funded fellowships are available for on-campus MSEEM students.

Admissions Deadlines:
- Spring Enrollment: October 31
- Fall Enrollment: June 15

Applications considered on a space-available basis after this date.

For More Information

- Jade Charnigo
  Graduate Student Advisor
  (404) 894-0417
  jade.charnigo@pubpolicy.gatech.edu

- Dr. Juan Rogers
  Director of Graduate Admissions
  (404) 894-6697
  jdrogers@gatech.edu

https://spp.gatech.edu/