

SUSTAINABLE ENERGY, MASTER OF ARTS (ONLINE)

The MA in Sustainable Energy (<https://energy.sais.jhu.edu/>) (online) is designed for professionals who want to help shape the future of renewable energy. With a cutting-edge curriculum and world-renowned faculty, few other programs can match the depth or practical experience that the Johns Hopkins SAIS program offers.

Leveraging the expertise of the Johns Hopkins SAIS' faculty and connections to global leaders in sustainable energy, this graduate degree program has been designed to fill key skill gaps across the energy sector — including in consulting, market research, policy, strategic advising and more.

In addition to online coursework, the program features two experiences at the Johns Hopkins SAIS campus in Washington, DC. These experiences give students the opportunity to connect with their cohort, expert faculty and study directly within the largest hub of energy policy and legislation in the United States. The second on-campus experience consists of the MA in Sustainable Energy capstone presentation and commencement ceremony, where students will participate with the full Johns Hopkins SAIS community in Washington, DC.

Degree Requirements

Credits: 40

Duration: Two years, Part-Time

Course delivery: Online

In order to earn the degree, students must fulfill all requirements and earn a cumulative GPA of 2.67 or above.

Code	Title	Credits
Courses		Credits
	Introduction to Sustainable Energy	4
	Energy and Environmental Policy Analysis	4
	Economics of Sustainable Energy	4
	Distributed and Renewable Energy	4
	Sustainable Energy and Climate Change	4
	Sustainable Energy in Economic Development	4
	Capstone Residency 1	1
	Systems Analysis for Sustainable Energy	4
	Sustainable Energy Finance	4
	Capstone	2
	Global Governance of Sustainable Energy	4
	Capstone Residency 2	1

Capstone Residency I

The MASE degree culminates in a capstone research project, which students will begin during the Capstone Residency I course in Washington, DC. The capstone research project focuses on a broad, common theme but allows students to choose a focus that reflects their interests and future career plans. The goal is to solve an important problem of practical importance in the field of sustainable energy. During Capstone Residency I, students are introduced to the capstone project, brainstorm potential ideas, write a project proposal, and develop

a timeline for completion. Students are guided by a faculty advisor as they engage in collaborative efforts to develop and refine their ideas. Students will also hear from expert guest lecturers on a variety of energy-related topics.

Capstone Course

The Capstone Course is a continuation of the work begun during the Capstone Residency I course. The Capstone Course takes place during the final semester of the program. Students will further develop their research skills and build upon their knowledge of Sustainable Energy as they prepare a written report, slide deck, and executive summary on their chosen capstone topic. Opportunities for faculty review and peer review will be provided.

Capstone Residency II

The MASE capstone experience culminates with the Capstone Residency II course, which takes place in Washington, DC at the end of the MASE program, immediately preceding graduation. Students will come to Washington, DC to present their capstone projects to faculty and peers and engage in rigorous Q&A sessions. Students will receive detailed feedback from faculty on their capstone projects.