

# CLIMATE, ENERGY, AND ENVIRONMENT (CEE)

## Climate, Energy, and Environment Curriculum

SIPA's **Climate, Energy, and Environment Concentration** provides students with robust industry knowledge

CE&E students have access to over 90 advanced electives. The curriculum provides students with:

- Advanced knowledge of global energy and environmental issues and how governments, businesses, and civil society can lead effective action
- A holistic understanding of how science, technology, policy, finance, and society shape energy, natural resources, and environmental risks and opportunities
- Quantitative and qualitative tools to analyze and model energy and environment-related issues
- Practical skills to become effective leaders in energy, natural resources, and environment in both the public and private sector
- Multicultural interaction, teamwork, and collaboration within an international context
- Experience working with clients to formulate energy and environmental policy and management decisions through applied projects, internships, and workshops

### Contact Us

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**Gregory Stoupnitsky**, Adjunct Professor of International and Public Affairs

**Sara Tjossem**, Senior Lecturer in the Discipline of International and Public Affairs

**Natasha Udensiva**, Lecturer of International and Public Affairs (part-time)

**Harry Verhoeven**, Adjunct Professor of International and Public Affairs

**Karen Young**, Adjunct Professor of International and Public Affairs

**Adam Zurofsky**, Adjunct Professor of International and Public Affairs

**Visit our SIPA Faculty Directory to view bios**

Students in the Climate, Energy, and Environment concentration must complete one (1) fundamentals course, one (1) economics course, one (1) policy course, and two (2) electives. Courses may not be double-counted, i.e., fulfilling a fundamentals requirement and an elective requirement with one course.

### 1. Students must complete one (1) fundamentals course (3 points):

		Points
INAF U6071	Fundamentals of Environmental Policy	3.00
INAF U6072	Energy Systems Fundamentals	3.00
SUMA PS5155	Energy Markets and Innovation	3.00

### 2. Students must complete one (1) economics course (3 points):

		Points
INAF U6065	The Economics of Energy	3.00
INAF U6068	Environmental Economics	3.00

### 3. Students must complete one (1) policy course (3 points):

		Points
ENVP U6239	Politics # Policy of Urban Sustainability	3.00
ENVP U6241	Earth Systems and Environmental Policy, Politics, and Management	3.00
IAIA U6360	Global Politics for People and Planet: A New Paradigm	3.00
INAF U6061	Global Energy Policy	3.00
INAF U6074	Current Issues in Energy Policy	1.50
INAF U6087	Environmental Advocacy: From Interest to Action	3.00

INAF U6089	Environmental Justice and Climate Resiliency	3.00	INAF U6328	Financing the Energy Transition in Emerging Markets	1.50
INAF U6263	Practicing Clean Energy Policy in the US	3.00	INAF U6327	Carbon Pricing	3.00
INAF U6268	Agricultural Environmental Policy	3.00	INAF U6330	Energy Decarbonization	3.00
INAF U6324	Gulf Economic Statecraft # the Energy Transition	1.50	INAF U6343	Global Governance: Climate Change # Human Mobility	3.00
INAF U6327	Carbon Pricing	3.00	INAF U6425	Energy Transition in Europe	1.50
INAF U6328	Financing the Energy Transition in Emerging Markets	1.50	INAF U6431	Asian Energy Security	3.00
INAF U6425	Energy Transition in Europe	1.50	INAF U6617	Environmental, Social and Governance Investing	1.50
INAF U6431	Asian Energy Security	3.00	INAF U6680	Geopolitics of Oil and Natural Gas	3.00
INAF U6695	Climate Finance, Policy, and the Just Transition	3.00	INAF U6690	Sustainable Finance I: Foundations of ESG Investing	3.00
INAF U6702	ESG and Corporate Political Strategy	1.50	INAF U6692	Sustainable Finance II: System-level Investing	3.00
INAF U6709	Environment, Development, # Politics in Africa	3.00	INAF U6693	History of Sustainable Investing	1.50
INAF U8537	Climate Change Policy	3.00	INAF U6695	Climate Finance, Policy, and the Just Transition	3.00
PUAF U6314	Climate Campaigning Reimagined: Communications and Mobilization	1.50	INAF U6697	Capital Market Mobilization for Mitigating Climate Change and Biodiversity Loss	1.50
<b>Non-SIPA Courses</b>			INAF U6698	Impact Investing II: Blended Finance	1.50
LAW L6038	Climate Change Law	--	INAF U6702	ESG and Corporate Political Strategy	1.50
LAW L6040	International Environmental Law	--	INAF U6704	ESG and Fiduciary Duty	1.50
LAW L6242	Environmental Law	--	INAF U6705	Sustainability Reporting	3.00
LAW L8452	Energy Regulation	--	INAF U6706	Climate Change # ESG Investing	3.00
<b>4. Students must complete two (2) electives (6 points):</b>			INAF U6708	Impact Measurement and Management	3.00
		Points	INAF U6709	Environment, Development, # Politics in Africa	3.00
ENVP U6239	Politics # Policy of Urban Sustainability	3.00	INAF U6711	Investor # Corporate Stewardship - Influencing Policymaking - Climate # Natural Capital	3.00
ENVP U6241	Earth Systems and Environmental Policy, Politics, and Management	3.00	INAF U6718	Quantitative Valuation of the Environment - Firms' Economic Valuation of Nature and its Ecosystem Services	3.00
IAIA U6360	Global Politics for People and Planet: A New Paradigm	3.00	INAF U6886	Social Impact: Business, Society, and the Natural Environment	3.00
INAF U6016	Cost-Benefit Analysis	3.00	INAF U8537	Climate Change Policy	3.00
INAF U6040	International Energy Project Finance	3.00	INAF U8681	Green Transition in Emerging Markets	1.50
INAF U6042	Energy, Enterprise and Development	3.00	INAF U8908	Sustainable Investing Research Consulting Project	3.00
INAF U6051	Infrastructure Investment and Development	1.50	INAF U8910	Struggles for Sustainability	3.00
INAF U6057	Electricity Markets	3.00	PUAF U6190	Investing in the Energy Transition: exploring policy dilemmas, complexities and trade-offs	3.00
INAF U6061	Global Energy Policy	3.00	PUAF U6314	Climate Campaigning Reimagined: Communications and Mobilization	1.50
INAF U6065	The Economics of Energy	3.00	REGN U6149	Energy, Corporate Responsibility # Human Rights	3.00
INAF U6066	Energy # Power Financing Markets	3.00	REGN U6438	Current Environmental and Natural Resource Issues in Latin America	3.00
INAF U6068	Environmental Economics	3.00	REGN U6538	Global Reliance on Russian Energy	3.00
INAF U6071	Fundamentals of Environmental Policy	3.00	SDEV U6235	Climate Change, Rights, and Development	3.00
INAF U6072	Energy Systems Fundamentals	3.00	SDEV U6240	Environmental Science for Sustainable Development	3.00
INAF U6074	Current Issues in Energy Policy	1.50	SDEV U6260	Disasters and Development	3.00
INAF U6087	Environmental Advocacy: From Interest to Action	3.00	SIPA U6015	Sustainability Management	3.00
INAF U6259	Adaptation to Climate Change	3.00	<b>Non-SIPA Courses</b>		
INAF U6263	Practicing Clean Energy Policy in the US	3.00	CLMT GR5019	Climate Change Decision-making	--
INAF U6264	Meeting the Climate Challenge at all Levels of Government	3.00			
INAF U6268	Agricultural Environmental Policy	3.00			
INAF U6269	Climate Tech and Regenerative Entrepreneurship	3.00			
INAF U6324	Gulf Economic Statecraft # the Energy Transition	1.50			
INAF U6326	Renewable Energy Project Finance Modeling	3.00			

LAW L6038	Climate Change Law	--
LAW L6040	International Environmental Law	--
LAW L6071	Law and Development	--
LAW L6242	Environmental Law	--
LAW L8452	Energy Regulation	--
SUMA PS4100	Sustainability Management	--