

# ENERGY, RESOURCES, AND ENVIRONMENT PROGRAM

## ERE Sequences by Thematic Areas

**Welcome to ERE!** We encourage you to consider the following sets of recommended (not required) courses based on your career goals and academic interests. Syllabi for ERE courses are posted as available for your review on the ERE Program Community Page on Blackboard as well as on ISIS. This document is intended as a tool to help you consider options, but does not include all relevant courses offered by all programs at SAIS. All students are strongly encouraged to explore all course listings & descriptions posted on <http://isis.jhu.edu>. When selecting courses, please refer to the ERE Curriculum & Requirements Matrix to review concentration requirements. Any inquiries regarding requirements, recommended ERE sequences, or the ERE curriculum in general may be directed to the ERE Academic Program Coordinator.

### Recommended Energy Sequences

Students are encouraged to explore all SAIS course offerings: <http://isis.jhu.edu>. All courses are subject to change.

GLOBAL ENERGY POLICY				
Global Energy Fundamentals SA.680.697 Bleviss	Policy to Drive Energy Innovation SA.680.774 Bleviss & Bonvillian	Geopolitics of Energy SA.680.765 Hengel	Energy in the Americas: Conflict, Cooperation & Future Prospects SA.810.761 Gonzalez (joint LASP, Canadian Studies, IDEV)	Energy Transition in Europe: Systems, Innovation & Leadership SA.710.792 van der Lans (joint European Studies, EES)
Principles of Energy Economics & Finance SA.680.790 Ahn (joint Econ)	Politics & Economics of International Energy SB.680.756 Hafner			

ENERGY ECONOMICS				
Global Energy Fundamentals SA.680.697 Bleviss	Introduction to Climate Change & Economic Development SA.680.760 Mintzer	Principles of Energy Economics & Finance SA.680.790 Ahn (joint Econ)	Project Finance SA.380.834 Ahn (joint Econ)	Politics & Economics of International Energy SB.680.756 Hafner

ENERGY MARKETS & TECHNOLOGIES				
Global Energy Fundamentals SA.680.697 Bleviss	Global Electricity Markets SA.680.730 Banks	Facing the Oil Problem: USA, Canada, OPEC & the World SA.680.759 Doran (joint Canadian Studies, IR-Global T&H)	Policy to Drive Energy Innovation SA.680.774 Bleviss & Bonvillian	Natural Gas Markets SA.680.793 Tsafos
Energy Markets in the Middle East and Central Asia SA.860.761 Seznec & Tsereteli (joint MES)	Energy Transition in Europe: Systems, Innovation & Leadership SA.710.792 van der Lans (joint European Studies, EES)	Organization and Regulation of Infrastructure SA.300.736 Klein (joint Econ, IDEV)	Enterprise, Regulation and Development SA.300.740 Klein (joint Econ, IDEV)	Renewable Energy: Markets, Technologies, Projects SA.680.781 Dell'Aquila

URBAN ENERGY, INFRASTRUCTURE & DEVELOPMENT				
Global Energy Fundamentals SA.680.697 Bleviss	Public-Private Partnerships: ERE Case Studies SA.680.788 Trager (joint IDEV)	Introduction to Climate Change & Economic Development SA.680.760 Mintzer	Urban Transportation SA.680.789 Bleviss (joint IDEV)	Policy to Drive Energy Innovation SA.680.774 Bleviss & Bonvillianb
Improving Service Delivery in Developing Countries SA.400.749 Nagpal (joint IDEV)	Organization and Regulation of Infrastructure SA.300.736 Klein (joint Econ, IDEV)	Enterprise, Regulation and Development SA.300.740 Klein (joint Econ, IDEV)	Industrial Organization SA.310.723 Klein (joint Econ)	

STRATEGIC ENERGY IMPLICATIONS				
Global Energy Fundamentals SA.680.697 Bleviss	Geopolitics of Energy SA.680.765 Hengel	Climate Change: Implications for Human, National & Global Security SA.680.787 Mintzer & Dumaine	Nuclear Non-Proliferation Challenges in the 21st Century SA.680.786 Alvarez & MacDonald (joint IR-CM, IR-Strat)	Energy in the Americas: Conflict, Cooperation & Future Prospects SA.810.761 Gonzalez (joint LASP, Canadian Studies, IDEV)
Asian Energy Security SA.775.710 Calder (joint Asian Studies, African Studies, Japan Studies, MES)				

ELECTRICITY				
Global Energy Fundamentals SA.680.697 Bleviss	Global Electricity Markets SA.680.730 Banks	Electricity: Special Topics SA.680.795 Wood & TBD	Principles of Energy Economics & Finance SA.680.789 Ahn (joint Econ)	Organization and Regulation of Infrastructure SA.300.736 Klein (joint Econ, IDEV)

CLIMATE CHANGE & ENERGY				
Global Energy Fundamentals SA.680.697 Bleviss	Introduction to Climate Change & Economic Development SA.680.760 Mintzer	Climate Change: Implications for Human, National & Global Security SA.680.787 Mintzer & Dumaine	Energy & Climate Change SA.680.722 van der Zwaan	

# Recommended Environment Sequences

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GLOBAL ENVIRONMENTAL LAW & POLICY				
Global Environment Fundamentals SA.680.698 Haskett & Roady	Introduction to Climate Change & Economic Development SA.680.760 Mintzer	Climate Change: Implications for Human, National & Global Security SA.680.787 Mintzer & Dumaine	Environmental Negotiations SA.640.746 Wagner (joint CM)	International Environmental Law SA.650.730 Magraw (joint International Law)

ENVIRONMENTAL ECONOMICS				
Global Environment Fundamentals SA.680.698 Haskett & Roady	Environmental and Natural Resource Economics SA.680.851 Wallander	Introduction to Climate Change & Economic Development SA.680.760 Mintzer	Project Finance SA.380.834 Ahn (joint Econ, IDEV)	Topics in the Economics of the Environment SA.300.737 De Melo (joint Econ)

SUSTAINABILITY & INFRASTRUCTURE				
Global Environment Fundamentals SA.680.698 Haskett & Roady	International Water: Issues and Policies SA.680.738 Delli Priscoli or Yu (joint IR-CM, IDEV)	Public-Private Partnerships: ERE Case Studies SA.680.788 Trager (joint IDEV)	Project Finance SA.380.834 Ahn (joint Econ, IDEV)	Improving Service Delivery in Developing Countries SA.400.749 Nagpal (joint IDEV)
Organization and Regulation of Infrastructure SA.300.736 Klein (joint Econ, IDEV)	Enterprise, Regulation and Development SA.300.740 Klein (joint Econ, IDEV)	Industrial Organization SA.310.723 Klein (joint Econ)	China’s Environment and Development in Domestic and Global Context SA.750.733 Freeman (joint China Studies, IDEV)	

CONSERVATION				
Global Environment Fundamentals SA.680.698 Haskett & Roady	International Forestry: Intro to Major Contemporary Issues SA.680.884 Stolle	International Wildlife Conservation SA.680.881 Eves (joint African Studies)	Agriculture: Global Issues SA.680.783 TBD	

WATER				
Global Environment Fundamentals SA.680.698 Haskett & Roady	International Water: Issues and Policies SA.680.738 Delli Priscoli or Yu (joint IR-CM, IDEV)	The Water, Energy and Food Nexus SA.680.792 Zaitchik	Oceans & Climate Change SA.680.794 Roady	Improving Service Delivery in Developing Countries SA.400.749 Nagpal (joint IDEV)

AGRICULTURE				
Global Environment Fundamentals SA.680.698 Haskett & Roady	Agriculture: Global Issues SA.680.783 TBD	The Water, Energy and Food Nexus SA.680.792 Zaitchik	International Forestry: Intro to Major Contemporary Issues SA.680.884 Stolle	

CLIMATE CHANGE & THE ENVIRONMENT				
Global Environment Fundamentals SA.680.698 Haskett & Roady	Introduction to Climate Change & Economic Development SA.680.760 Mintzer	Climate Change: Implications for Human, National & Global Security SA.680.787 Mintzer & Dumaine	The Water, Energy and Food Nexus SA.680.792 Zaitchik	Oceans & Climate Change SA.680.794 Roady