

ENERGY MANAGEMENT & POLICY, CERTIFICATE

The Certificate in Energy Management and Policy is offered through the Kleinman Center for Energy Policy at PennDesign. This certificate draws on the interdisciplinary nature of energy policy education at Penn, and draws from a comprehensive set of courses across several schools at Penn, with a foundational offering in the Weitzman School of Design. The certificate is intended for professional graduate students currently enrolled at the University interested in adding an understanding of energy policy to their list of educational qualifications.

For more information: <https://kleinmanenergy.upenn.edu/certificate-energy-management-and-policy> (<https://kleinmanenergy.upenn.edu/certificate-energy-management-and-policy/>)

Curriculum

A total of 5 course units are required to complete the Certificate program.

Code	Title	Course Units
Required Course ¹		1
ENMG 5020	Introduction to Energy Policy	
Foundation Courses (Choose one)		1
ENMG 5030	Topics in Energy Policy	
ENMG 5070	Ideas in Energy Policy	
EAS 5050	Climate Policy and Technology	
ENVS 6840	Energy, Waste and the Environment	
Track Courses (Choose three from within a single track) ²		3
<i>Track: Energy, Markets, Risk, and Finance</i>		
BEPP 7610	Risk Analysis and Environmental Management	
BEPP 7630	Energy Markets & Policy	
BEPP 8050	Risk Management	
FNCE 7560	Energy Finance	
GAFL 5140	Public Finance and Public Policy	
GAFL 6210	Public Economics	
EAS 5060	Electricity and Systems Markets	
<i>Track: Regional Energy Planning</i>		
CPLN 5310	Introduction to Environmental Planning & Policy	
CPLN 7300	Sustainable Cities	
CPLN 7500	Advance Transportation Seminar	
LARP 7800	Topics in Theory and Design	
URBS 4170	Cities and Sustainability	
<i>Track: Energy Law and Policy</i>		
ENVS 5600	Developing Environmental Policy	
LAW 6340	Environmental Law	
LAW 6950	Land Use Law	
LAW 9190	Energy Law & Climate Change	
LAW 9310	Regulatory Law and Policy	
LAW 9850	Environmental Law	
LGST 8150	Environmental Management: Law and Policy	

EAS 5030 Energy Systems and Policy

Total Course Units

5

1

Substitutions must be approved in writing by the Director and submitted to the Weitzman School of Design Office of Student Services.

2

Alternative elective courses must be approved in writing by the director of the certificate program and submitted to the Weitzman School of Design Office of Student Services.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2022 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.