

EAP Course offerings

* (indicates course taught by EAP faculty/staff)

Fall 2018 + Summer

Introductory Class

* Introduction to Energy Analysis and Policy . EnvSt/URPL/PubAff 809 (*Nemet*: 9:30 – 10:45 TR)

EAP Seminar (1 credit)

* Professional Skills in Energy Analysis and Policy. EnvSt 900 sec. 002 (*Nemet*: 12:15 -1:15 Thurs)
Sustainable Energy - Challenges and Solutions. EP 602 (*Williams*) Instructor permission only!

Energy Economics and Business

Benefit Cost Analysis. PubAff/EnvSt/AAE 881. (*Weimer*: 8:00- 9:15 MW) (*Tjernstroem*: 8 – 9:15 MW)
Environment and Resource Economics II. AAE 762 (*Phaneuf*: 9:30 – 10:45 MW)

Energy Technology and Resources

*Energy Resources. Geol/EnvSt 411 (*Carroll*: 2:30 – 3:45 TR)
* Electric Power Systems. ECE 427 (*Lesieutre*: 2:30 – 3:45 TR + Lab)
Renewable Energy Systems. BSE/EnvSt 367 On-Line. Also summer session.
Solar Energy Technology. ME/CBE 567 (*Berson*: 9:55 MWF)
Fundamentals of Nuclear Engineering. NE 305 (*Schmitz*: 9:55 MWF)
*Nuclear Reactor Engineering. NE 411 (*Wilson*: 2:30 – 3:45 WF)
Bio-refining: Energy and Products. BSE 460 (*Pan*: MWF 11:00)
Electric Power Processing for Alternative Energy Systems. ECE 356 (*Jahns*: 2:30 – 3:45 TR)
Gas Turbine Technology. ME 601 sec 058 (*Cheadle*: 11:00 MWF)

Energy Policy

Climate Change Governance. EnvSt 349 (*Horowitz*: 11:00 – 12:15 TR)
Benefit Cost Analysis. PubAff/EnvSt/AAE 881. (*Weimer*: 8:00- 9:15 MW) (*Tjernstroem*: 10:00 – 11:55 W)

Energy and Environment

Intro to Air Quality. AOS/EnvSt 401 (*Holloway*: 11 – 12:15 TR)
Air Pollution and Human Health. EnvSt 502 (*Kanarak*: 1:00 - 2:15 TR)
Air Pollution Effects, Measurement & Control. CEE 423 (TBA 1:00 – 2:15 TR)
Health Impacts of Global Environmental Change. PopH/EnvSt 560 (*Patz*: 9:30 – 10:45 TR)

Energy-related electives and suggested course for pre-requisites

Note: these classes do not count towards the EAP certificate

Energy. Physics 115 (*Vanderbroucke*: 4:35 – 5:25 MW + Lab).
Environmental Economics. AAE/EnvSt/Econ 343 (*Provencher*: 9:30 – 10:45 TR)
Sustainability, Environmental and Risk Management. RMI 650 (*Swanke*: 2:25 – 5:25 M)
Climate Change Economics and Policy. AAE 246 (TBA: 12:05 MW + Lab)