

## 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)