Energy and Sustainability

**MAE Courses**
MAE 4580 Introduction to Nuclear Science and Engineering  
MAE 4590 Introduction to Controlled Fusion  
MAE 5010 Future Energy Systems  
MAE 5020 Wind Power  
MAE 5459 Energy Seminar I  
MAE 5469 Energy Seminar II  

**Other Engineering Courses**
AEP 5500 Applied Solid State Physics of Renewable Energy  
CHEME 6640 Energy Economics (not offered 2019-20)  
CHEME 6641 Energy Value Chain Module (not offered 2019-20)  
CHEME 6650 Energy Engineering (not offered 2019-20)  
CHEME 6660 Analysis of Sustainable Energy Systems  
CHEME 6661 Bioenergy and Biofuels Module  
CHEME 6662 Solar Energy Module  
CHEME 6664 Hydrokinetic and Aerodynamic Energy Module  
CHEME 6667 Transportation Energy Systems Module  
CHEME 6670 Fossil Fuels Module  
CHEME 6671 Nuclear Energy Module  
CHEME 6672 Electric Power Systems Module  
CHEME 6673 Tools for Analyzing Energy and Society  
CHEME 6675 Energy Life Cycle Assessment Module  

**Outside Engineering**
NBA 6030 Strategies for Sustainability  
ARCH 5611 Environmental Systems I: Site and Sustainability  
ARCH 5616 Environmental Systems II: Building Dynamics