

SUSTAINABLE ENERGY SYSTEMS ELECTIVES

• For the most current list of SES electives, consult the MCEE website.

Code	Title	Credit Hours
<i>Carbon Management</i>		
G E 4613	Carbon Capture, Utilization and Storage	3
GEOG 4970/5970	Special Topics/Seminar (Topic: Climate CO2 Removal Strategies)	3
<i>Climate</i>		
ENST 3303	Food, Agriculture, and the Environment	3
ENST 3503	Energy Use, Climate Change, and the Environment	3
GEOG/METR 3523	Managing for a Changing Climate	3
GEOG 4343	Climate, History, and Society	3
GEOG/METR 4533	Earth's Past Climate	3
METR 4553/5553	Climate and Renewable Energy	3
<i>Communications</i>		
JMC 3453	Public Relations & Society	3
JMC 4970/5970	Special Topics (Topic: Strategic Communication about Sustainable Energy Systems)	3
<i>Energy and Environmental Law, Policy, and Economics</i>		
ECON 3213	Environmental Economics	3
EMGT 3513	Sustainable Policy and Regulations	3
EMGT 3603	Energy Law I	3
ENST 3213	Law and the Environment	3
GEOG 3443	Environment and Society	3
GEOG 4333/5333	Corporate Environmental Strategy	3
P SC 3233	Environmental Policy and Administration	3
<i>Energy Business Markets</i>		
EMGT 3523	Natural Gas Marketing and Power Trading	3
EMGT 3533	Commercial Applications in Power Markets	3
<i>Historical, Ethical, and Artistic Perspectives</i>		
A HI 4623	Contemporary Art and the Environment	3
HON 2973	Perspectives on the American Experience (Topic: Energy in US History)	3
HSTM/P E 3343	Revolution in Power: the Evolution of Energy Systems from Fossil Fuels to Renewables	3
PHIL 3293	Environmental Ethics	3
<i>Introductory Courses</i>		
CEE 1513	Towards Just and Responsible Energy Engineering	3
GEOG 1033	Earth, Energy, Environment	3
<i>Life Cycle Analysis</i>		
ENGR 4513	Introduction to Sustainable Engineering	3
GEOG 4523/5523	Life Cycle Analysis	3
<i>Sustainability and the Environment</i>		

CEES 3243	Water and Wastewater Treatment Design	3
CEES 4324	Environmental Biology and Ecology	4
CEES 5153	Water Innovation: Technology, Policy, and Organizational Issues	3
CEES 5883	Environmental Modeling	3
CEES 5933	Climate Change and Water Sustainability	3
EDSC 3233	Environmental Issues in the Community	3
GEOG 3233	Principles of Sustainability	3
GEOG 3033	Earth Resources and the Environment	3
METR 4553/5553	Climate and Renewable Energy	3
ENST 3503	Energy Use, Climate Change, and the Environment	3
EDSC 3233	Environmental Issues in the Community	3
GEOG 3033	Earth Resources and the Environment	3
<i>Systems Perspectives</i>		
GEOG 4583	Energy Systems and Sustainability	3
GEOG 2014	The Earth System	4
<i>Technology and Engineering</i>		
AME 4653	Air Conditioning Systems	3
AME 4970	Special Topics/Seminar (Topic: Advanced Energy Systems)	3
CH E 4323	Chemical Process Sustainability	3
ECE 3113	Energy Conversion I	3
G E 4623	Energy Conversion and Storage	3
G E 4633	Hydrogen Energy Systems	3