

SUSTAINABLE SYSTEMS ENGINEERING MINOR

Banner Code: SUSE

Website: <https://cec.gmu.edu/academics/undergraduate-programs>

ECE 417	Smart Grid and Cyber Security
EVPP 480	Sustainability in Action (Mason Core) (http://catalog.gmu.edu/mason-core/)
Total Credits	
15-17	

Admissions & Policies

Policies

Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP.5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

Requirements

Minor Requirements

Total credits: 15-17

Note: Some of the courses listed below have additional prerequisites. Students should pay careful attention to prerequisites when selecting courses.

Required Courses

Code	Title	Credits
SYST 414	Systems Thinking	3
SYST 473	Decision and Risk Analysis	3
Select one course from the following:		3-4
CLIM 101	Global Warming: Weather, Climate, and Society (Mason Core) (http://catalog.gmu.edu/mason-core/)	
CLIM 102	Introduction to Global Climate Change Science (Mason Core) (http://catalog.gmu.edu/mason-core/)	
Select one course from the following:		3
RENE 131	Introduction to Renewable Energy	
ECE 311	Energy Infrastructure, Market, and Management	
PHYS 331	Physics of Renewable Energy	
ECE 411	Electricity Sector Engineering, Economics, and Regulation	
EVPP 432	Energy Policy	
ME 425	Renewable Energy Engineering	
Select one course from the following:		3-4
CEIE 100	Environmental Engineering around the World (Mason Core) (http://catalog.gmu.edu/mason-core/)	
EVPP 201	Environment and You: Issues for the Twenty-First Century (Mason Core) (http://catalog.gmu.edu/mason-core/)	
INTS 210	Sustainable World (Mason Core) (http://catalog.gmu.edu/mason-core/)	
EVPP 338	Economics of Environmental Policy	
EVPP 361	Introduction to Environmental Policy	