

Energy and Earth Resources (MSEER)

Additional Requirements

Three hours of upper-division undergraduate level with approval by the graduate advisor may be used.

The Master of Science in Energy and Earth Resources degree is intended for those who seek a quantitative underpinning for their graduate work and who desire to conduct a thesis project that is research-based, along the lines of those prepared in engineering and the sciences. Our belief is that every EER student, regardless of concentration, needs to be able to understand Earth and its controls on resource distribution; gather and analyze large data sets and derive useful information; make energy and earth resource decisions in the context of commercial viability; and make energy and earth resource decisions in the context of risk and uncertainty.

Graduate study in energy and earth resources includes study in geological sciences, petroleum and geosystems engineering, economics, resource management, government, law, and policy studies. The student's program should represent as broad a spectrum as possible of energy and earth resources courses.

Graduate Handbook

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and [online](#). Please contact the program with concerns or questions.

Admission Requirements

The entering student who wishes to pursue an advanced degree in energy and earth resources should have a bachelor's degree in one of the participating disciplines. Each advanced degree program is designed to provide a broad acquaintance with energy and earth resources problems, both from a technological and from a business, economic, law, or policy perspective.

Total Hours Required: 30

Requirements

Code	Title	Hours
Hours chosen from:		3
GEO 386R	Geology of Earth Resources	
EER 396.5	Geology of Earth Resources	
Hours chosen from:		3
EER 396	Topics in Energy and Earth Resources: Seminar	
EER 396.4	Resource Economics and Econometrics	
EER 396.2	Business, Finance, and Management	3
ORI 390D.2	Decision Analysis	3
Resource economics/finance coursework		3
Policy/law coursework		3
Technology (resource science and engineering) coursework		3
Hours chosen from: one of the following areas		3
Resource economics/finance		
Policy/law		
Technology (resource science and engineering)		
EER 698	Thesis (Should supplement the coursework in the concentration)	6
<u>Graduate Geosciences Requirements</u>		
<u>Graduate University Requirements</u>		
Total Hours		30