

# ENERGY ENGINEERING, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

## Program Requirements

Requirement	Credits
Requirements for the Minor	18

### Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10>).

In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Code	Title	Credits
<b>Additional Courses</b>		
<i>Additional Courses: Require a grade of C or better</i>		
Select 9 credits of the following:		9
EGEE 302	Principles of Energy Engineering	
EGEE 304	Heat and Mass Transfer	
EGEE 411W	Energy Science and Engineering Lab	
EGEE 420	Hydrogen and Fuel Cells	
EGEE 430	Introduction to Combustion	
EME 301	Thermodynamics in Energy and Mineral Engineering	
Select 9 credits of the following:		9
EGEE 433		
EGEE 437	Design of Solar Energy Conversion Systems	
EGEE 438	Wind and Hydropower Energy Conversion	
EGEE 441	Electrochemical Engineering Fundamentals	
EGEE 451	Energy Conversion Processes	
EGEE 464W	Energy Design Project	
EGEE 470	Air Pollutants from Combustion Sources	
FSC 431	The Chemistry of Fuels	
FSC 432	Petroleum Processing	