

# RENEWABLE ENERGY TECHNOLOGIES - UNDERGRADUATE MINOR

A grade of C- or better is required in each course (no courses may be taken S/U). All prerequisites must be met before enrolling in a class. Engineering Technology students can meet most of the requirements for this minor by judicious selection of their electives. Students may receive credit for only one special topic course (must be renewable content) or internship.

Prefix	Title	Credits
<b>Required Courses</b>		
<i>Select two or three from the required list</i> <sup>1</sup>		9-6
E T 381	Renewable Energy Technologies <sup>1</sup>	
E T 382	Solar Energy Technologies	
E T 384	Wind and Water Energy Technologies	
<i>Select two or three courses from the electives list:</i> <sup>2</sup>		6-9
Any extra course from the required list		
C E 256/ENVS 2111	Environmental Engineering and Science	
C E 356	Fundamentals of Environmental Engineering	
CHME 486	Biofuels	
E T 306	Thermodynamics and Laboratory Applications	
or M E 340	Applied Thermodynamics	
E T 308	Fluid Technology	
or M E 338	Fluid Mechanics	
E T 396	Heat Transfer and Applications	
or M E 341	Heat Transfer	
E T 356	Applied Power Technologies I	
or E E 333	AC Circuit Analysis and Introduction to Power Systems	
E T/M E 401	Building Energy and Environment	
E T 456	Applied Power Technologies II	
or E E 431	Power System Analysis	
E T 459	Construction Technology and Management	
<i>Select 3 credits from the following:</i> <sup>3</sup>		3
AEEC 3120V	Natural Resource Economics	
ECON 337V	Natural Resource Economics	
E T 360V	Technology in Business and Society	
ECON 384V	Water Resource Economics	
EPWS 380V	Science & Society	
HIST 302V	Science in Modern Society	
PHYS 303V	Energy and Society in the New Millennium	
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> Students must complete a total of five courses from the required and elective lists: either two from the required list and three from the electives, or three from the required list and two from the electives.

<sup>2</sup> Other special topic courses could be counted for credit if related to renewable energies upon advisor's approval.

<sup>3</sup> If the selected course is outside the student's college it may also satisfy a Viewing a Wider World requirement.