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.

Required Courses
Select any three from the required list 9

- E T 381 Renewable Energy Technologies
- E T 382 Solar Energy Technologies
- E T 384 Wind and Water Energy Technologies
- E T 386 Sustainable Construction and Green Building Design

Select 6 credits from the following list: 6

- Any extra course from the required list
- C E 256 Environmental Engineering and Science
- C E 356 Fundamentals of Environmental Engineering
- CHME 486 Biofuels
- E T 365 Building Utilities
- E T 396 Heat Transfer and Applications
  or M E 341 Heat Transfer
- E T 456 Applied Power Technologies
  or E E 230 AC Circuit Analysis and Introduction to Power Systems
- E T/M E 401 Heating and Air-Conditioning Systems
- WERC 300 Introduction to Pollution Prevention and Its Application
- E E 426 Introduction to Smart Grid
- WERC 466 Fuel Cell and Hydrogen Technology
- I E 490 Selected Topics
- C E 498 Special Topics
- E T 420 Senior Internship
- E T 435 Senior Project
- E T 440 Senior Design
- E T 441 Senior Project

Select 3 credits from the following: 2

- AEEC 590 Special Topics
- AG E 337V Natural Resource Economics
- AG E 420 Special Problems
- 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
- HON 378V Technology and Policy

Total Credits 18

1 Must be related to a renewable energy field and preapproved by faculty advisor.
2 If the selected class is outside the student’s college it may also satisfy a Viewing a Wider World requirement.
3 Not available for ECET majors as a required course. Select from other choices.