

Resource and Energy Engineering Certificate

About This Program

The Certificate in Resource and Energy Engineering (REE) is intended for undergraduate students who want to supplement their major with content from this emerging engineering discipline. To receive a certificate in REE, a student must not be receiving his/her major degree in REE and must complete all courses listed with a grade of C or better in each course.

Competencies

1. Upon completion of the certificate, the student should have developed the basic skills relevant for the field of resource and energy engineering from the fundamentals of fuels (including petroleum and gas) to systems-level interaction with sustainable energy sources.
2. Upon completion of the certificate, the student should be able to apply this core knowledge to specific aspects of the current energy landscape.
3. Upon completion of the certificate, the student should be able to solve problems related to conventional and renewable energy technologies.

Admissions Criteria

Admission to a College of Engineering major. Students in other majors who have the appropriate prerequisites should consult an REE advisor for admission to the certificate.

Curriculum

REE 1306	THE CHEMISTRY OF FUELS	3
REE 3301	PRINCIPLES OF ENERGY ENGINEERING	3
REE 3302	SUSTAINABLE ENERGY SYSTEMS	3
REE 3303	PETROLEUM & GAS ENGINEERING	3
Total Hours		12

Advising Resources

First time in college students meet with engineering advisors in the UAEC (UAECengineering@uta.edu). Transfer students are advised prior to New Maverick Orientation by the department. Students, please read all student emails carefully and consult the department advising webpage for additional contact information and answers to common questions.

ELECTRICAL ENGINEERING

Location:

NH 501

Email:

ee_ug_advising@uta.edu

Phone:

817-272-2671

Web:

Schedule Advising (<https://outlook.office365.com/owa/calendar/EEAdvising@bookings.uta.edu/bookings/>)

RESOURCE AND ENERGY ENGINEERING

Location:

NH 513

Email:

ree_ug_advising@uta.edu

Phone:

817-272-6514

Web:

Schedule Advising (<https://outlook.office365.com/book/EEAdvising@bookings.uta.edu/>)