

# Renewable Energy Assessment

## Description

The Undergraduate Certificate Renewable Energy Assessment provides students the opportunity to assess and implement renewable energy technologies. The certificate is intended to provide students with the ability to assess facilities and land for renewable energy production. The certificate is achieved by taking 12 credit hours in renewable energy assessment topics. The certificate is designed to provide students on campus and others not enrolled in a degree program at North Carolina State University opportunities to learn basic renewable energy assessment techniques and principles that are useful in emerging careers in renewable energy.

## Program Coordinator

Dr. Elizabeth Nichols  
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## Curriculum

A grade of 'C' (2.0) or better is required for certificate courses.

Required Courses:

- ET 120 Introduction to Renewable Energy Technologies and Assessment (3 credits-*online*)
- ET 262 Renewable Energy Adoption: Barriers and Incentives (3 credits-*online*)

Elective Courses: Choose 2 (6 credits) from the courses below:

- ET 220 Solar Photovoltaic Energy Assessment (3 credits-*online*)
- ET 240 Wind/Hydro Energy Assessment (3 credits-*online*)
- ET 255 Assessing Lands for Bioenergy Production (3 credits-*online*)
- ES 300 Energy and the Environment (3 credits-*face to face*)

**Total Credit Hours Required:** 12 hours

## Admissions Requirement

Students must have an overall GPA of 2.5 to be accepted to the certificate program in Renewable Energy Assessment.

## Plan of Study and Registration Information

Contact the Program Coordinator.

## Academic Structure

Term Effective: 01/2015

Plan Code: 15REACTU, 32REACTU

CIP Code: 15.0507

Description: Undergraduate Certificate in Renewable Energy Assessment

Offered: Distance Education