

Geotechnical Engineering — Graduate Certificate

The overall objective of the program is to provide interdisciplinary graduate-level education for those seeking advanced professional knowledge and skills in geotechnical engineering, who are not enrolled in a graduate degree program.

This Graduate Certificate Program is built on top of the successful Engineering Online Program at Samuel Ginn College of Engineering, which was ranked highly in U.S. News and World Reports for Best Online Engineering Programs. It is an on-campus equivalent education program that combines traditional instruction with modern delivery methods to offer graduate studies beyond Auburn's campus.

The program is structured to advance the working engineer's knowledge and skills in the field of geotechnical engineering. Geotechnical engineers design and analyze engineering systems that are made from or supported by earth materials. These include foundations, earth-retaining structures, excavations, slopes, dams, and landfills. Geotechnical engineers often work closely with other branches of civil engineering on a variety of projects, including solid waste management, groundwater protection, highway and pavement engineering, and foundation design.

At a Glance

- The program requires students to take four related graduate courses (12 credit hours).
- Students attending courses online have the same professors as their on-campus peers.
- Students can access lectures online through a live feed or at their convenience via streaming video.
- The online schedule allows for flexibility to maintain a career while completing the program.

Faculty

Geotechnical Engineering courses are taught by Auburn's outstanding civil engineering faculty.