

BREE 214. GEOMATICS.

Credits: 3

Offered by: Bioresource Engineering (Faculty of Agric Environ Sci)

Terms offered: Fall 2025

[View offerings for Fall 2025 in Visual Schedule Builder.](#)

Description

The communicative skills of surveying. The fundamentals of surveying through the application of reasoning, tools, techniques, and instruments. Practices in use of basic surveying equipment including steel tape, level, and theodolite. The use and operation of Total Stations. The procedures and methods for the measurement of distances, elevations, angles and positions. Basic surveying calculations, including traverse adjustments.

- Restriction: Not open to students who have taken ABEN 214.
- Two lectures and one 3-hour lab per week.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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