BREE 319. ENGINEERING MATHEMATICS.

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

Advanced topics in engineering mathematics, including systems of ordinary differential equations, stability analysis, special functions, orthogonal functions and Fourier series, boundary value problems in various coordinate systems, and integral transforms. The use of computer-based mathematical tools is an integral part of the course.

- 3 hours of lecture and 1 hour of conference per week
- Prerequisite: AEMA 305 and BREE 252, or equivalents.
- Restriction: Not open to students who have taken ABEN 319.

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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