

BREE 522. BIO-BASED POLYMERS.

Credits: 3

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

Terms offered: Fall 2025, Winter 2026

View offerings for Fall 2025 or Winter 2026 in Visual Schedule Builder.

Description

The structure and properties of selected biomass (e.g. vegetable oils and starches) will be reviewed. The synthesis of bio-based polymers through chemical modification, casting, compression and extrusion among other methods will be studied. The physical properties of the resulting matrices will then be reviewed. Commercial applications will be examined.

- Prerequisites: BREE 216 and BREE 341 or permission of instructor

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

[Launch Visual Schedule Builder](#)