

BIEN 330. TISSUE ENGINEERING AND REGENERATIVE MEDICINE.

Credits: 3

Offered by: Bioengineering (Faculty of Engineering)

This course is not offered this catalogue year.

Description

The history, scope, challenges, ethical considerations, and potential of tissue engineering. In vitro control of tissue development, differentiation, and growth, including relevant elements of immunology compared to in vivo tissue and organ development. Emphasis on the materials, chemical factors, and mechanical cues used in tissue engineering.

- Prerequisite(s): BIEN 200, BIOL 112, and CHEM 212, or permission of the instructor
- 1. (3-0-6)

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