

BIEN 290. BIOENGINEERING MEASUREMENT LABORATORY.

Credits: 3

Offered by: Bioengineering (Faculty of Engineering)

This course is not offered this catalogue year.

Description

Laboratory safety. Conceptual understanding of measurement principles and instrumentation. Introduction to experimental techniques requiring sterile conditions. Mechanical measurements of solid and thermofluid quantities. Optical sensing techniques. Measurements of biological and chemical properties. Design of experiments and statistical and uncertainty analyses.

- (1-4-4)
- Prerequisite: BIEN 200, MATH 203 and PHYS 142

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