

# MIME 452. PROCESS AND MATERIALS DESIGN.

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Credits: 4

Offered by: Mining & Materials Engineering (Faculty of Engineering)

Terms offered: Winter 2026

View offerings for Winter 2026 in Visual Schedule Builder.

## Description

Capstone design of metals production or other process plants, materials, or products. Formulation of an engineering problem, and solution selection from multiple solutions. Creation of preliminary engineering estimates that consider materials and energy balances, process selection, emission controls, engineering economics, safety, stakeholder, and environmental assessments in technical report format.

- (1-2-9)
- Prerequisites MIME 311, MIME341, MIME 352, MIME 362, FACC 300, WCOM 206

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