

MIME 413. STRATEGIC MINE PLANNING WITH UNCERTAINTY.

Credits: 3

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

This course is not offered this catalogue year.

Description

Strategic decision-making for mine planning given uncertain metal supply from orebodies and commodity demand. Stochastic optimization techniques in mine design and production scheduling. Uncertainty quantification and orebody representation. Stochastic mine optimization in applications from open pit and underground metal mines. Introduction to sustainable development and utilization of mineral resources.

- 3-3-3
- Prerequisites: MIME 325, MIME 419, MIME 425
- Restriction(s): Not open to students who have taken MIME 513.

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