MIME 425. APPLIED STOCHASTIC OREBODY MODELLING.

Credits: 3

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

Terms offered: Fall 2025

View offerings for Fall 2025 in Visual Schedule Builder.

Description

Representing uncertainty in orebody models and shortcomings of conventional methods including reserve reporting and mine planning. Stochastic spatial sequential simulation methods. Joint simulation of multiple correlated elements. Simulation material types. Introduction to geometallurgical modelling. Additional drilling, reserve classification, grade control and mine planning optimization. Risk quantification in lifeof-mine production schedules.

• 3-3-3

- Prerequisite(s): (MPMC 326 or CIVE 208) and (MPMC 329 or MIME 329)
- Restriction(s): Not open to students who have taken MIME 525.

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