

EPSC 547. MODELLING GEOCHEMICAL PROCESSES.

Credits: 3

Offered by: Earth & Planetary Sciences (Faculty of Science)

This course is not offered this catalogue year.

Description

Modelling will be applied to construct equilibrium and transport models that quantitatively investigate geochemical processes occurring on Earth and other planets. Topics include, but are not restricted to: box modelling of the transport of elements between geochemical reservoirs, chemical reactions of components during flow through systems, interactions between multiple, competing reactions and/or processes. Model applications will vary from the core and mantle of planets to their surface environments and humans' impact upon them.

- Fall
- 3 hours lectures
- Prerequisites: EPSC 220, MATH 222, or permission of instructor.

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