

ESYS 301. EARTH SYSTEM MODELLING.

Credits: 3

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

This course is not offered this catalogue year.

Description

Introduction o principle concepts of systems modelling related to Earth system science and environmental science, including simple numerical models, conservation laws of mass, energy, and momentum, discretization of governing differential equations, the stability of numerical schemes, and exploration of the ideas of equilibria, feedbacks, and complexity.

- Winter
- 3 hours lecture
- Prerequisite: ESYS 200 or ENVR 200 or equivalent.

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