

# BIOL 434. THEORETICAL ECOLOGY.

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Credits: 3

Offered by: Biology (Faculty of Science)

This course is not offered this catalogue year.

## Description

Study of theoretical ecology and of mathematical tools available to explore the dynamical behaviour of model populations, communities and ecosystems. Models addressing major ecological theories including population stability, community dynamics and ecosystem functioning, epidemic and disturbance dynamics, spatial models, game theory.

- Restriction: Not open to students who have taken BIOL 534.
- Winter
- 3 hours lecture
- Prerequisites: BIOL 308 or BIOL 309 or permission of instructor.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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