

BIOL 569. DEVELOPMENTAL EVOLUTION.

Credits: 3

Offered by: Biology (Faculty of Science)

This course is not offered this catalogue year.

Description

The influence of developmental mechanisms on evolution. This course draws on recent examples from plants and invertebrate and vertebrate animals. Topics include homology, modularity, dissociation, co-option, evolutionary novelty, evolution of cis-regulation and gene regulatory networks, developmental constraint and evolvability, heterochrony, phenotypic plasticity, and canalization.

- Winter
- 3 hours lecture
- Prerequisites: BIOL 303 and BIOL 304; or permission of instructor.

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