

AMATH 535



MATHEMATICAL ECOLOGY

Amath 535 is a spring course in mathematical ecology. This course considers models, methods, and issues in population and community ecology. Topics will include population models; the effects of density dependence, delays, and demographic stochasticity; population interactions (predation, competition, and mutualism); models for the management of renewable resources; and spatial models for biological invasions.

Spring 2023. 5 credits.
M, W, F 12:30–1:20 pm, Denny 212
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