

# BIOL 270

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**BIOL 270 Coastal Zone Conservation Biology**

3 Credits

Conservation biology is the scientific study of biodiversity and its management for sustainable human welfare. Biodiversity includes species, population, genetic, and ecosystem variability among living organisms. This course explores the nature, causes, and implications of the current high rate loss of biodiversity occurring throughout the world, with particular emphasis on coastal ecosystems. It will also cover some of the major efforts underway to reduce that rate of loss. Students will be introduced to the concepts of genetic, species, and ecosystem diversity, to specific conservation issues, and to some of the practices involved in preserving biodiversity. Extinctions will be analyzed from an ecological, economic, ethic, and esthetic perspective. All concepts will be illustrated using local coastal zone case studies.

**Prerequisites**

BIOL 101 and BIOL 102

**Transfer Credits**

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

