

# BIOLOGY - ORGANISMAL (BIOO)

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## **BIOO 101N - Survey MT Wildlife & Habitats. 3 Credits.**

Offered online autumn. Prereq., one course in biology. Interpreting biological patterns associated with selected Montana wildlife species, including mammals, birds, reptiles and amphibians.

Gen Ed Attributes: Natural Science Course (N)

## **BIOO 105N - Introduction to Botany. 3.000 Credits.**

Offered spring. Introduction to the plant kingdom including anatomy, physiology and ecology. Gen Ed Attributes: Natural Science Lab Course (N)

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## **BIOO 320 - General Botany. 5 Credits.**

Offered autumn. Prereq., BIOB 170N-171N, 260. Prereq. or coreq., BIOB 272. Anatomy, morphology, ecology and physiology of photosynthetic organisms.

## **BIOO 335 - Rocky Mountain Flora. 3.000 Credits.**

Offered spring. Prereq., one college-level course in Biology or consent of instr. Elements of the evolution, geography and natural affinities of flowering plants. Identification using a manual of native plants of Montana.

## **BIOO 340 - Biology and Mgmt of Fishes. 4.000 Credits.**

Offered autumn. Prereq., BIOB 272 and either STAT 216 or WILD 240.

Diversity, adaptations and ecology of fishes. Analysis and management of fish populations and communities.

## **BIOO 433 - Plant Physiology. 3 Credits.**

Offered spring. Prereq., BIOB 260 or consent of the instructor. The molecular, biochemical and biophysical basis of plant function, from the subcellular to the whole organism level.

## **BIOO 434 - Plant Physiology Lab. 1 Credit.**

Offered spring. Prereq or coreq., BIOO 433. Laboratory exercises designed to familiarize students with concepts and techniques in plant physiology.

## **BIOO 462 - Entomology. 4.000 Credits.**

Offered alternate springs. Prereq. or Coreq., BIOB 272. The classification, morphology, anatomy, development, life-history, behavior and ecology of insects. Labs include identification of major insect groups, internal and external anatomy and student collections.

## **BIOO 470 - Ornithology. 4.000 Credits.**

Offered spring. Prereq. or Coreq., BIOB 272; major of biology, Pre-Wildlife Biology, or Wildlife Biology, and must be of junior or senior standing. The classification, structure, evolution, behavior and ecology of birds.

## **BIOO 475 - Mammalogy. 4.000 Credits.**

Offered autumn. Prereq., BIOB 272. The evolution, systematics, anatomy, physiology and ecology of mammals.

## **BIOO 490 - Adv Undergrad Research. 1-10 Credits.**

(R-10) Offered every term. Prereq., junior or senior standing and consent of instr. Independent research under the direction of a faculty member.