

BIOLOGICAL SCIENCES (BIOL)

BIOL 1102. Foundations of Biology. (4 Credits)

Major biological principles with emphasis on their importance to humans and modern society; designed for non-science majors. CA 3-LAB.

Enrollment Requirements: Not open to students who have passed BIOL 1107, 1108 or 1110. Students may not receive more than 12 credits for courses in Biology at the 1000 level.

Content Areas: CA3LAB: Science & Tech Lab

Topics of Inquiry: TOI6L: Science Emp Inq (Lab)

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%201102>)

BIOL 1103. The Biology of Human Health and Disease. (4 Credits)

A laboratory course designed for non-science majors to introduce the concepts of biology and their application to the individual, society and humankind by focusing on health and disease issues. CA 3-LAB.

Enrollment Requirements: Students may not receive more than 12 credits in Biology at the 1000 level.

Content Areas: CA3LAB: Science & Tech Lab

Topics of Inquiry: TOI6L: Science Emp Inq (Lab)

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%201103>)

BIOL 1107. Principles of Biology I. (4 Credits)

Designed to provide a foundation for more advanced courses in Biology and related sciences. Topics covered include molecular and cell biology, animal anatomy and physiology. Lab exercises include dissection of preserved animals. CA 3-LAB.

Enrollment Requirements: Recommended preparation: A course in high school level chemistry or concurrent enrollment in CHEM 1127Q. Students may not receive more than 12 credits in Biology at the 1000 level.

Content Areas: CA3LAB: Science & Tech Lab

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%201107>)

BIOL 1108. Principles of Biology II. (4 Credits)

Designed to provide a foundation for more advanced courses in biology and related sciences. Topics covered include evolution and population genetics, plant physiology and diversity, animal diversity and behavior, and ecology. CA 3-LAB.

Enrollment Requirements: Students may not receive more than 12 credits for courses in BIOL at the 1000 level.

Content Areas: CA3LAB: Science & Tech Lab

Topics of Inquiry: TOI6L: Science Emp Inq (Lab)

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%201108>)

BIOL 1109. Topics in Modern Biology. (1 Credit)

Readings, lectures, seminars, films and field trips exploring current developments in biology and their social and scientific implications. May be repeated with a change of content.

Enrollment Requirements: Concurrent enrollment in BIOL 1107 or 1108 required. Students cannot earn more than 12 credits of 1000 level BIOL.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%201109>)

BIOL 1110. Introduction to Botany. (4 Credits)

Designed to provide a foundation for more advanced courses in biology and related sciences. Structure, physiology, reproduction, diversity, evolution and ecology of plants as a basis for understanding the broader principles of biology. Surveys important groups of plants, fungi and algae. CA 3-LAB.

Enrollment Requirements: Students may not receive more than 12 credits for courses in BIOL at the 1000 level.

Content Areas: CA3LAB: Science & Tech Lab

Topics of Inquiry: TOI6L: Science Emp Inq (Lab)

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%201110>)

BIOL 1195. Special Topics. (1-6 Credits)

Credits, prerequisites and hours as determined by the Senate Curricula and Course Committee. May be repeated for credit with a change in topic.

Enrollment Requirements: Credits, prerequisites, and hours as determined by the Senate Curricula and Courses Committee.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%201195>)

BIOL 1199. Introduction to Biological Research. (1-3 Credits)

Internship in Biology research. May be repeated for credit with a change in content.

Enrollment Requirements: BIOL 1107 or 1108 and consent of instructor. May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%201199>)

BIOL 2289. Introduction to Undergraduate Research. (1 Credit)

Introduction to the variety of research programs in the Life Sciences on the Storrs campus. Required of Sophomore Biology Honor students; also open to students interested in undergraduate research. With a change of content, this course may be repeated for credit.

Enrollment Requirements: Recommended preparation: BIOL 1107 and 1108 or equivalent.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%202289>)