

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.

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: Science & Technology – 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.

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

Content Areas: Science & Technology – 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.

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: Science & Technology – 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.

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

Content Areas: Science & Technology – Lab

Topics of Inquiry: 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.

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.

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

Content Areas: Science & Technology – 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. 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.

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.

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>)

BIOL 3520W. Ethical Perspectives in Biological Research and Technology. (3 Credits)

Ethical and policy issues arising from advances in biological research and technology, including topics in ecology, molecular biology, and physiology. BIOL 1107, 1108 or 1110; ENGL 1007 or 1010 or 1011 or 2011.

Skill Codes: Writing Competency

View Classes (<https://catalog.uconn.edu/course-search/?details&code=BIOL%203520W>)