

## BIOLOGY

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### Courses (BIOL)

Refer to Curricula and Courses and University Policies sections of this bulletin for explanation of the course numbering system, unit or credit hour, prerequisites, and related information.

#### LOWER DIVISION COURSE

##### **BIOL 203. Understanding Biology (4)**

Three lectures and two hours of laboratory.

Major conceptual principles of biology, with emphasis on evolution, inheritance, cellular life, biodiversity, ecology, and behavior. Evaluation of learning strategies and initial alternative conceptions about biology. Not open to students with credit in Biology 100 and 100L or to biological sciences majors.

#### UPPER DIVISION COURSES (Intended for Undergraduates)

##### **BIOL 315. Ecology and Human Impacts on the Environment (3)**

Prerequisite: Completion of the General Education requirement in Foundations II.A. Natural Sciences and Quantitative Reasoning. If a biological science course is not taken

to satisfy General Education II.A.2. Life Sciences, a college course in biological science is required.

Ecological characteristics of natural ecosystems and basic effects of human society upon those systems, emphasizing resource management, food production, global environmental problems, and future directions. Not applicable to biological sciences majors.

##### **BIOL 341. The Human Body (3)**

Prerequisite: Completion of the General Education requirement in Foundations II.A.2., Life Sciences.

Survey of human body with emphasis on intricacy of design and integration of various organ systems. Not open to nursing, exercise and nutritional sciences, or biological sciences majors, or to students with credit in any college level human physiology or anatomy course.

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