

**INTEGRATIVE STUDIES IN
BIOLOGICAL SCIENCE**
ISB

**Center for Integrative Studies in
General Science
College of Natural Science**

200 History of Life

Fall, Spring, Summer. 3(3-0) P: ((MTH 101 or concurrently) or (MTH 103 or concurrently) or (MTH 103B or concurrently) or (MTH 116 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 or concurrently) or (LB 118 or concurrently) or (STT 200 or concurrently) or (STT 201 or concurrently)) or designated score on Mathematics Placement test

Life from its origin to the dawn of human history. Living things as both the products of evolutionary processes and as a major force driving evolution and altering the environment of planet earth.

201 Insects, Globalization, and Sustainability

Fall, Spring, Summer. 3(3-0) P: ((MTH 101 or concurrently) or (MTH 103 or concurrently) or (MTH 103B or concurrently) or (MTH 116 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 or concurrently) or (LB 118 or concurrently) or (STT 200 or concurrently) or (STT 201 or concurrently)) or designated score on Mathematics Placement test

The relationship between insects, human society, and the environment with an emphasis on ecological and evolutionary processes. Critical evaluation of current regional and global environmental problems and how they are effecting the development of a sustainable society.

201L Insects, Globalization, and Sustainability Laboratory

Fall, Spring, Summer. 2(1-2) P: ISB 201 or concurrently

Problem-based learning activities involved with observing, hypothesizing, experimenting, and analysis of data related to environmental science.

202 Applications of Environmental and Organismal Biology

Fall, Spring, Summer. 3(3-0) P: ((MTH 101 or concurrently) or (MTH 103 or concurrently) or (MTH 103B or concurrently) or (MTH 116 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 or concurrently) or (LB 118 or concurrently) or (STT 200 or concurrently) or (STT 201 or concurrently)) or designated score on Mathematics Placement test

Historical and recent development of ideas about behavior, ecological, and evolutionary processes. Critical evaluation of the use and misuse of human understanding of nature, emphasizing recent findings.

204 Applications of Biomedical Sciences

Fall, Spring, Summer. 3(3-0) P: ((MTH 101 or concurrently) or (MTH 103 or concurrently) or (MTH 103B or concurrently) or (MTH 116 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 or concurrently) or (LB 118 or concurrently) or (STT 200 or concurrently) or (STT 201 or concurrently)) or designated score on Mathematics Placement test

Historical and recent development of knowledge about cellular developmental or genetic processes. Critical evaluation of the use and misuse of scientific discoveries in these areas.

208L Applications in Biological Science Laboratory

Fall, Spring, Summer. 2(1-2) P: (ISB 202 or concurrently) or (ISB 204 or concurrently) SA: ISB 202L, ISB 204L

Problem solving activities based on observation and interpretation of selected biological systems.

210L Science and Society: Impacts of Daily Decisions Lab

Fall, Spring, Summer. 2(1-2) P: MTH 101 or MTH 103 or MTH 103B

Investigating and analyzing the environmental and personal impacts of daily decisions (fuels, energy, food, water, consumer goods).