

**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 103 or concurrently) or (MTH 110 or concurrently) or (MTH 116 or concurrently) or (LBS 117 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 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 103 or concurrently) or (MTH 110 or concurrently) or (MTH 116 or concurrently) or (LBS 117 or concurrently) or (MTH 112 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 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 103 or concurrently) or (MTH 110 or concurrently) or (MTH 116 or concurrently) or (LBS 117 or concurrently) or (MTH 106 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 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 103 or concurrently) or (MTH 110 or concurrently) or (MTH 116 or concurrently) or (LBS 117 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 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.

206H Human Biology and Society
Fall, Spring. 3(3-0) P: ((MTH 103 or concurrently) or (MTH 110 or concurrently) or (MTH 116 or concurrently) or (LBS 117 or concurrently) or (MTH 124 or concurrently) or (MTH 132 or concurrently) or (MTH 201 or concurrently) or (STT 200 or concurrently) or (STT 201 or concurrently)) or designated score on Mathematics Placement test

Conceptual and technological advances in biology. Ethical, legal, social and economic issues which accompany these advances.

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.