

**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 (LB 118 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 (LB 118 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 (LB 118 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

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 (LB 118 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.

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.

441 Interior Design Open Office Systems
Fall. 1(2-0) P: IDES 350 and IDES 352 C: IDES 442 concurrently.

Planning and design of open office systems including panel and electrical plans, power plan development, furniture and lighting layouts, specifications, and presentation. Offered first half of semester.

442 Interior Design Programming
Fall. 3(1-4) P: (IDES 350 and IDES 352) and completion of Tier I writing requirement C: IDES 441 concurrently.

Identifying, programming, and preparing schematics of the senior interior design project. Studio sketch portfolio guidelines. Site visits required.

451 Interior Design Professional Practice
Spring. 2(2-0) P: (IDES 442) and completion of Tier I writing requirement R: Open to seniors in the Interior Design major. C: IDES 452 concurrently.

Professional practice standards, ethics, and client interaction in interior design. Field trip required.

452 Interior Design Synthesis III
Spring. 4(1-6) P: (IDES 442) and completion of Tier I Writing requirement R: Open to seniors in Interior Design major. C: IDES 451 concurrently.

Advanced studio processes for solving complex interior design problems. Studio application of professional practice standards to specific capstone projects. Field trip required.

454 Design Communication Methods
Fall, Spring, Summer. 3(1-4) P: IDES 240 and IDES 250 SA: HED 454

Technical methods and techniques for communicating design concepts.

456 Interior Design Preservation and Conservation
Fall, Summer. 3(2-2) R: Open to seniors in the Interior Design major. SA: HED 456

The interior design component of the preservation movement. Historic restoration and adaptive reuse.

458 Housing from a Human Ecological Perspective
Spring. 3(3-0) R: Not open to freshmen or sophomores. SA: HED 458

Impact of housing on human beings and families. Psychological and cultural dimensions. Financial and policy factors.

490 Independent Study
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen or sophomores and approval of department.

Supervised individual study in interior design.