

# Environmental Science Theme Track Fall 2007 ISB and IAH Courses



**IAH 206—Self, Society, and Technology**  
Professor Jeff Grabill, sections 001-006  
Tues and Thurs 10:20a-11:40a as well as  
Fri @ 9:10a, 10:20a, or 11:30a

Become more familiar with ways of knowing in the arts and humanities and more knowledgeable and capable in a range of intellectual and expressive abilities. The purpose of this course in the Integrative Studies Environmental Track is to draw on the arts and humanities to examine how we see and understand nature and the environment. We will explore how artists and writers understand the environment and depict it in their work. We will also examine ways of acting in response to our way of seeing the environment. The goal of the course will be the development of critical interpretive capacities that will enable us to understand the environments we inhabit and communicate that understanding to others.

**ISB 201—Insects Globalization and Sustainability**  
Professor Gabriel Ording, section 001  
Mon and Wed 10:20a-11:40a

Examine the biological processes and interconnections of the biosphere with an emphasis on ecology and evolution, and investigate how the activities associated with globalization are potentially disrupting a delicate balance. A strong emphasis will be placed on the use of scientific data in performing cost / benefit analysis to determine appropriate courses of action in making decisions as global stewards. This course will identify methods by which the human race can accommodate its needs in a sustainable fashion. Topics will include: Population dynamics, Biodiversity and Biogeography, Invasive Species, Pesticide Resistance, Integrated Pest Management, Global Change, Insect Vected Diseases, Food Resources, Water Quality, and Environmental factors impacting human health.

### **Major themes that will be covered in coordination include:**

- **our relationships with and our perceptions of nature and ecology,**
- **human impacts on nature, and**
- **global sustainability**

### **Why sign up for both courses?**

- The same topics will be studied in both courses and will consider such questions as these:
  - ◆ How does our relationship with nature impact our perceptions of Environmental “problems” and then influence the actions we take to “solve” these problems?
  - ◆ What are the pros and cons of various actions (or inactions) taken to solve any given environmental problem?
- The pair will satisfy one half of the Integrative Studies requirement in the Sciences and Humanities in a connected and interesting manner.