Green Is the New Blue – Environmental Majors
Long Island University

Interdisciplinary Studies – Environmental Sustainability (B.A.)

Rising sea levels, air and water pollution, and the soaring demand for energy -- these and many more challenges confront policy-makers at the global, national and local levels. More and more, society turns to environmental scientists and specialists to find ways to balance human health and environmental protection with free enterprise and economic prosperity. Green growth is one of the central issues of our age.

The B.A. in Interdisciplinary Studies with a concentration in environmental sustainability will allow students to examine critical environmental issues by enrolling in multidisciplinary and interdisciplinary coursework that integrates the physical and social sciences. In addition to required coursework, students can choose from four different tracks to further focus their studies and tailor their coursework to their own career and personal goals.

Interdisciplinary Studies – Earth System Science (B.A.)

Earth System Science examines the interrelations of the lithosphere (solid Earth), hydrosphere (water, including oceans), biosphere (life), and atmosphere (air), recognizing the influence of human beings as agents of change. Students will obtain a scientific understanding of Earth systems through courses in geology, geography, biology and chemistry as well as an understanding of humans' relationship to the Earth through courses in the social sciences, including conservation, economics, and urban planning. With an understanding of the interrelations of the physical realms of the Earth, graduates will be prepared to develop solutions to help human beings use the Earth and its resources more wisely.

Areas of Study

- Interrelations of the lithosphere, hydrosphere, biosphere, and atmosphere
- Natural science and social science perspectives
- Sciences of the Earth combined with social planning for wise stewardship

Interdisciplinary Studies – Environmental Science (B.S.)

Environmental science is the application of the physical and biological sciences to environmental problems. This program is for students who are interested in the scientific and technical aspects of environmental issues and who want to pursue a career as an environmental scientist. The science foundation courses in geology, biology, chemistry, climate and weather, conservation, and geographic information systems provide students with the conceptual tools to work in a multidisciplinary setting on environmental problems. Students may pursue a specific focus in their electives or choose a broad approach to their study of the Earth's physical and biological environment.

Areas of Study

- Multidisciplinary science approach to the environment
- Geology, biology, chemistry, climate and weather
- Conservation of natural resources
- Geographic information systems