Liberal Studies Major  
Earth, Environment, and Global Sustainability

Our Earth’s environmental issues and the sustainability of its resources will provide humanity with one of its biggest challenges for the foreseeable future. Scientific and technological solutions to environmental problems will be dependent on economic, political, and social constructs that will require global cooperation. This concentration of eight courses provides students with a background in Earth or environmental systems together with global perspectives on the challenges of sustainable development. A total of 8 courses (25 credits) must be completed.

Three or four courses in Natural and Applied Sciences (one must be a 4-credit NASC course highlighted below) (10-13 credits)

- NASC 100 Astronomy: Solar System
- NASC 111 Green Biology: Ecological and Botanical Connections
- NASC 121 Consumer Chemistry
- NASC 122 Environmental Chemistry
- NASC 130 Principles of Geology
- NASC 140 Environmental Physics

- NASE 305 U.S. Space Program: Going Beyond
- NASE 311 Ecology: Principles & Applications
- NASE 314 Coastal Biology of Cape Cod
- NASE 315 Human Health and Disease in Today’s World
- NASE 317 Economic Botany

Four or five courses from the following list (12-15 credits):

- EXP 201 Expository Writing; Critical Thinking and Writing
- GLS 230 Politics & Public Policy
- HI 267 The Past and Present in Africa
- HI 280 The Caribbean: Past, Present, Futures
- HI 314 History of the World Economy
- HI 346 Economic History of the United States
- HI 355 American Environmental History
- GLS 110 Global Regions
- GLS 116 International Relations
- GLS 243 The Developing World
- GLS 246 Geographic Information Systems
- GLS 325 Global Transportation and Tourism
- GLS 310 Perspectives on Global Commerce
- LIT 363 American Literature: Realism and Naturalism
- MA 227 Mathematical Modeling in Environmental Management
- MA 263 Continuous Probability for Risk Management
- PH 130 Business Ethics: Corporate and Social Responsibility
- PH 133 Business Ethics: International Business Ethics
- PH 301 Environmental Ethics
- PH 351 Perspectives on Poverty
- PS 305 Environmental Psychology

- NASE 318 Global Health Challenges
- NASE 328 Water Quality
- NASE 333 Natural Disasters
- NASE 334 Coastal Geology of Cape Cod
- NASE 335 Oceanography
- NASE 336 Water and the Environment
- NASE 337 Global Climate Change
- NASE 339 Weather and Climate
- NASE 344 Energy Alternatives
- NASE 364 Science of Sustainability
- NASE 380 Science in Environmental Policy

Business Departments: (LSMs may use no more than two business department courses). (6 credits)

- EC 311 International Economics
- EC 321 International Economic Growth and Development
- EC 341 Urban and Regional Economics
- EC 346 Environmental Economics
- LA 102 Environmental Law
- LA 308 International Business Law

Please note: LSMs may use no more than two business department courses, and no more than 4 courses may be taken in any one discipline.

Updated: April 23, 2015

1 With appropriate theme.