Environmental Studies Bachelor’s Degree (2019-2020)

The B.S. in Environmental Studies at Unity College prepares students for a wide range of environmental careers. This transdisciplinary program provides students with a holistic understanding of environmental issues. The program teaches students to use tools and perspectives from a variety of disciplines including the natural sciences, the social sciences, and the humanities to understand the causes and consequences of environmental problems. Graduates will be able to enter a wide variety of environmental careers.

Graduates of the B.S. in Environmental Studies will be able to:
1. Reflect critically about their role as environmental actors and citizens in a global context.
2. Demonstrate proficiency in written, oral, and interpersonal communication to diverse stakeholders.
3. Understand core environmental concepts through the perspective of multiple disciplines.
4. Be able to solve environmental problems through an understanding of society, ecology, and economy, and the perspectives of multiple stakeholders.
5. Understand the importance of, and process for, consensus building and working with groups to solve environmental problems.

Program Core
COMM 303 Communicating to Stakeholders  OR
   COMM 403 Environmental Crisis Communication
EVPC 101 Professional Skills
EVPC 201 Environmental Issues: Deforestation, Biodiversity Loss, and Overpopulation  OR
EVPC 301 Environmental Justice  OR
   EVPC 305 Building a Better World: Ethical Decision-Making
EVPC 401 Transformational Leadership
EVPC 490 Transdisciplinary Capstone

General Education Core
ENVS 201 The Warming Planet: Understanding Climate Change
An Arts course
2 Communications courses
A Humanities course
A Language course
A Life Science course
A Quantitative Skills course
A Social Science course

**General Electives**

75 credits of general electives*

*Please work with your advisor to choose your electives and/or a potential concentration.

I. Environmental GIS
   GISC 101: Introduction to GIS for Environmental Solutions
   GISC 201 Geographic Information Systems for a Changing World
   GISC 401 Advanced GIS Analysis for Environmental Solutions

II. Sustainable Business
*Complete any four of the following:
   FINC 301 Environmental Accounting
   FINC 401 Financing a Sustainable World
   MGMT 201 Understanding the Sustainable Business Landscape
   MGMT 301 Starting Your Small Non-Profit
   MGMT 303 Strategic Management for Social Change
   MGMT 403 Global Chain Supply Operations: Greening Your Business
   MGMT 405 Using Data for Sustainable Business Decisions
   MKTG 301 Environmental Marketing and Branding

III. Wildlife Ecology
*Complete any four of the following:
   BIOL 201 Organisms that Sustain the Earth: Understanding Plants
   BIOL 203 Ecological Principles: Applications to Conservation and Wildlife
   WCON 201 Wildlife Plant Identification: Wildlands and Wildlife Habitat
   WCON 303 Life History and Identification of Birds and Mammals
   WCON 305 Wildlife Conservation Genetics
   WCON 307 Humans, Parasites, and Wildlife: Understanding the Impact of Insects on Wildlife

IV. Emergency and Disaster Management
*Complete any four of the following:
   EMGT 203 Environmental Social Justice and Disasters
   EMGT 301 Public Policy and Planning for Emergency Management and Law Enforcement
   EMGT 305 Planning and Responding to Natural Disasters
   EMGT 307 Planning and Responding to Cyberthreats and Terrorism
   EMGT 403 Implementation of Emergency Management: Simulation and Exercises
   EN CJ 201 Law Enforcement and Emergency Management in the Age of Globalization
   EN CJ 305 Natural Resource Law and Policy
   EN CJ 401 Environmental Compliance, Regulation, and Mitigation
V. Animal Health and Behavior
*Complete any four of the following:
ANIM 103 Animal Training and Care
ANIM 205 Animal Nutrition
ANIM 301 Animal Husbandry and Genetics
ANIM 302 Animal Comparative Anatomy
ANIM 304 Animal Comparative Physiology
ANIM 305 Animal Health and Disease
ANIM 307 Designing Captive Animal Environments
ANIM 401 Animal Care Technical Skills

VI. Marine Biology and Sustainable Aquaculture
*Complete any four of the following:
MBAQ 105 Introduction to Oceanography
MBAQ 201 Form and Function of Unique Marine Ecosystems
MBAQ 203 Global Diversity of Freshwater and Marine Resources Used in Sustainable Harvest
MBAQ 301 Sustainable Aquaculture Techniques I: Growing Shellfish and Finfish
MBAQ 303 Sustainable Aquaculture Techniques II: Crustaceans and Pathobiology
MBAQ 307 Ichthyology and Fish Health
MBAQ 310 Marine Mammal and Seabird Biology
MBAQ 315 Diversity of Marine and Aquatic Vegetation
MBAQ 401 Field Research in Marine Biology and Aquaculture

College Wide Requirements: A minimum of 120 earned credit hours, 30 credits at the 300 level or above, a minimum of 30 credits earned at Unity, and an overall cumulative GPA of 2.0 or above