Figure 1. Curriculum for Environmental Engineering at Bucknell University

Engineering: Environmental
- Introduction to Environmental Engineering
- Principles of Sustainability
- Water Resources
- Geotechnical Engineering
- Environmental Engineering Chemistry
- Physical/Chemical Processes
- Environmental Engineering Biotechnology
- Hazardous Waste Management/Air pollution
- Systems and Life-Cycle Assessment

Technical Elective (choose 2)
- Groundwater, Hydrology, River Mechanics
- Sustainable Transportation Systems
- Environmental Geotechnology
- Atmospheric Chemistry & Physics
- Renewable Energy
- Limnology
- Renewable Energy Conversion
- Environ Fluid Dynamics

Engineering: General
- Exploring Engineering
- Engineering Graphics
- Solid Mechanics
- Fluid Mechanics
- Thermodynamics
- Engineering Project Management
- Engineering Design

Science
- Physics 1
- Biology: Population & Communities
- General Chemistry

Science
- Calculus I
- Calculus II
- Calculus III
- Statistics
- Differential Equations

MATH
- ENGL 101

Sustainability Perspectives
- Economic Principles and Problems
- Sustainable Policy Courses
- Societal and Economics Courses
- Sustainable Humanities Courses

Unrestricted Electives
- Unrestricted Elective 1
- Unrestricted Elective 2
- Unrestricted Elective 3

May need to satisfy College Soc/Hum req'mnt, dependent on Unrestricted Electives choices
May need to satisfy College Soc/Hum req'mnt, dependent on Sustainability Perspectives choices