# Bachelor of Science with Environmental Science Major Curriculum

## First-Year Gateway Experience
- **GFCL 100** Global Foundations of Character and Leadership
- **GFOB 100** Global Foundations of Organizations and Business
- **WRIT 106** Writing Workshop
- **IDEA 101** Bryant IDEA: Innovation and Design Experience For All

## Environmental Science Major Requirements

### Level 1 - Required Core Courses
- **SCI 251** Biology I Principles of Biology
- **& SCI L251** and Biology I Laboratory
- **SCI 265** Chemistry I Introductory Chemistry
- **& SCI L265** and Chemistry I Laboratory
- **SCI 264** Physics I Introductory Physics
- **SCI 253** Biology II Organismal Biology
- **SCI 267** Chemistry II Chemical Systems

Choose one of the following labs:
- **SCI L253** Biology II Laboratory
- **SCI L267** Chemistry II Laboratory

Choose 1:
- **SCI 262** Physical Geology
- **SCI 266** Oceanography
- **SCI 268** Introduction to Environmental Science and Sustainability
- **SCI 287** Weather and Natural Disasters

### Levels 2 and 3 Required Courses
- **SCI 390** Research Methods in Science
- **SCI 463** Issues in Environmental Science

Choose one of the following tracks:

### Environmental Health and Toxicology
- **SCI 351** Ecology
- **& SCI L351** and Ecology Laboratory

### Level 2 and 3 Track Recommended Courses

#### Level 2 - Choose 1 (labs are strongly recommended)
- **SCI 363** Genetics
- **& SCI L363** and Genetics Laboratory
- **SCI 365** Organic Chemistry I
- **& SCI L365** and Organic Chemistry I Laboratory
- **SCI 377** Microbiology
- **& SCI L377** and Microbiology Laboratory
- **SCI 378** Computer Programming for the Sciences

#### Level 3 (choose 1)
- **SCI 457** Environmental Toxicology and Risk Assessment
- **SCI 466** Global Health Challenges
- **SCI 490** Research Directed Study in Science

### Environmental Management and Sustainability Track
**Level 2 (choose 2 including 1 lab)**
- **SCI 355** Energy Management Strategies
- **& SCI L355** and Energy Management Strategies Lab
- **SCI 366** Coastal Environments
- **SCI 371** Human Impact on Land and Life
- **& SCI L371** and Human Impact on Land and Life Laboratory
- **SCI 372** Sustaining Air and Water
- **& SCI L372** and Sustaining Air and Water Laboratory
- **SCI 376** GIS for Environmental Decision Making
- **& SCI L376** and GIS for Environmental Decision Making Laboratory
- **SCI 378** Computer Programming for the Sciences

**Level 3 (choose 1)**
- **SCI 455** Environmental Policy: Decision Making and Problem Solving

### Liberal Arts Requirements
- **ECO 113** Microeconomic Principles
- **ECO 114** Macroeconomic Principles
- **LCS 121** Introduction to Literary Studies
- **MATH 121** Calculus and Analytic Geometry I
- **MATH 122** Calculus and Analytic Geometry II
- **MATH 201** Statistics I

### Liberal Arts Distributions - Modes of Thought

1. **Two Humanities Survey Courses**
2. **Two Social Science Modes of Thought**
3. **One Historical Mode of Thought (Upper Division)**
4. **One Literary Mode of Thought (Upper Division)**
5. **Two Scientific Modes of Thought**

### Business Minor Requirement

### Electives
Subject to programmatic constraints, students may elect to take additional business courses beyond the required minor, not to exceed a combined total of 30 credit hours in the College of Business.

1. Modes of Thought requirements can be met by appropriate courses in the major.
2. Include One Lab Science. One science course must be taken at the 300 or 400 level.

A minimum 122 credit hours required for graduation.