Environmental Science B.S. Degree Requirements (2020-21)

### Water Resources

**Math Requirements:**
- Math 1420: Calculus I
- Choose 1 of the following 3:

**Core Intro:**
- Biol 1401: Environmental Science
- Biol 1411: General Botany
- Biol 1413: General Zoology
- Biol/Geog 2320: Sustainability and Environment

**Core Advanced:**
- Biol 3409: General Ecology
- Biol 4330: Aquatic Biology
- Geog 1401: Weather and Climate

**Prescribed Electives**
- Biol 1420: Intro to Technical Writing
- Chem 4442: Air Quality
- Econ 1373: Environmental Communication
- Econ 3352: Energy and Econ Economics
- Env 4361: Environmental Sci Field Exp.
- Geog 3301: Environmental Geography
- Geog 3310: Sustainable Development
- Geog 4330: Hydrology & Water Resources
- Geog 4342: Geomorphology
- Geog 4337: Field Studies
- Geog 4357: Population Geography
- Geog 4361: GIS for Public Health
- Geog 4468: Remote Sensing
- Geog 4304: Geochemistry
- Geog 4400: Stratigraphy & Sedimentation
- Geol 4352: Hydrosphere
- Hist 4390: Environmental Health
- Hist 3395: American Environmental History
- Phil 3372: Philosophy of Science
- Phil 3306: Philosophy of Biology
- Pisc 3340: Soil Science
- Pisc 3330: Soil Fertility & Mgt Fertilizers
- Pisc 3340: Forage Crops & Pasture Mgmt
- Pisc 3397: Integrated Pest Management
- Pol 3302: Intro to Public Policy
- Pol 3339: Nonprofit Organizations
- Soci 4337: Environment and Society

### Sustainability

**Math Requirements:**
- Math 1314: Pre Calculus Algebra
- Choose 1 of the following 2:

**Core Intro:**
- Biol 1401: Environmental Science
- Biol 1411: General Botany
- Biol 1413: General Zoology
- Biol/Geog 2320: Sustainability and Environment
- Chem 1411: General Chemistry I
- Chem 1412: General Chemistry II
- Geog 1401: Weather and Climate
- Chem 2464: Intro to Geographic Information Systems

**Core Advanced:**
- Biol 3409: General Ecology
- Biol 3430: Energy & Environmental Economics OR Geog 4351: Economic Geography
- Geog 3332: Energy & Environmental Economics
- Geog 4351: Economic Geography
- Geog 3332: Energy & Environmental Economics
- Geog 4351: Economic Geography

**Prescribed Electives**
- Biol 1420: Intro to Technical Writing
- Chem 4442: Air Quality
- Econ 1373: Environmental Communication
- Econ 3352: Energy and Econ Economics
- Env 4361: Environmental Sci Field Exp.
- Geog 3301: Environmental Geography
- Geog 3310: Sustainable Development
- Geog 4330: Hydrology & Water Resources
- Geog 4342: Geomorphology
- Geog 4337: Field Studies
- Geog 4357: Population Geography
- Geog 4361: GIS for Public Health
- Geog 4468: Remote Sensing
- Geog 4304: Geochemistry
- Geog 4400: Stratigraphy & Sedimentation
- Geol 4352: Hydrosphere
- Hist 4390: Environmental Health
- Hist 3395: American Environmental History
- Phil 3372: Philosophy of Science
- Phil 3306: Philosophy of Biology
- Pisc 3340: Soil Science
- Pisc 3330: Soil Fertility & Mgt Fertilizers
- Pisc 3340: Forage Crops & Pasture Mgmt
- Pisc 3397: Integrated Pest Management
- Pol 3302: Intro to Public Policy
- Pol 3339: Nonprofit Organizations
- Soci 4337: Environment and Society

### Pollution Abatement

**Math Requirements:**
- Math 1420: Calculus I
- Choose 1 of the following 2:

**Core Intro:**
- Biol 1401: Environmental Science
- Biol 1411: General Botany
- Biol 1413: General Zoology
- Biol/Geog 2320: Sustainability and Environment
- Chem 1411: General Chemistry I
- Chem 1412: General Chemistry II
- Geog 1401: Weather and Climate
- Biol 1401: Weather and Climate

**Core Advanced:**
- Biol 3409: General Ecology
- Biol 3430: Aquatic Biology
- Geog 1401: Weather and Climate
- Geol 4426: Hydrogeology
- Geog 4432: Geomorphology
- Geog 4333: Field Studies
- Geog 4361: GIS for Public Health
- Geog 4468: Remote Sensing
- Geog 4304: Geochemistry
- Geog 4400: Stratigraphy & Sedimentation
- Geol 4352: Hydrosphere
- Hist 4390: Environmental Health
- Hist 3395: American Environmental History
- Phil 3372: Philosophy of Science
- Phil 3306: Philosophy of Biology
- Pisc 3340: Soil Science
- Pisc 3330: Soil Fertility & Mgt Fertilizers
- Pisc 3340: Forage Crops & Pasture Mgmt
- Pisc 3397: Integrated Pest Management
- Pol 3302: Intro to Public Policy
- Pol 3339: Nonprofit Organizations
- Soci 4337: Environment and Society

**Prescribed Electives**

No Minor is required when majoring in Environmental Science given the total credit requirements; listed courses required do not include the core curriculum, though some may apply to core.