

Water Resources

Math Requirements:

Math 1420: Calculus I

Choose 1 of the following 3:

Math 1430: Calculus II **OR**

Math/Stat 3379: Statistical Methods in Practice **OR**

Biol 4374: Biostatistics

Core Intro:

Biol 1401: Environmental Science

Choose 1 of the following 2:

Biol 1406: General Biology I **OR**

Biol 1411: General Botany

Choose 1 of the following 2:

Biol 1407 General Biology II **OR**

Biol 1413: General Zoology

Chem 1411: General Chemistry I

Chem 1412: General Chemistry II

Choose 2 of the following 3:

Geog 1401: Weather and Climate **OR**

Geol 1403: Physical Geology **OR**

Geol 1405: Geologic & Environmental Hazards

Geog 2464: Intro to Geographic Information Systems

Core Advanced:

Biol/Geog 3320: Sustainability & Environment

Biol 3409: General Ecology

Biol 4330: Aquatic Biology

Engl 3330: Intro to Technical Writing

Geog 4330: Hydrology and Water Resources

Geog 4331: Conservation of Natural Resources

Choose 1 of the following 2:

Geog 4361: GIS for Public Health **OR**

Geog 4468: Remote Sensing

Geog 4432: Geomorphology

Geol 3326: Environmental Geology

Choose 1 of the following 2:

Chem 3368: Environmental Chemistry **OR**

Geol 4304: Geochemistry

Geol 4426: Hydrogeology

Plsc 3440: Soil Science

Pols 3395: Environmental Policy

This track/concentration requires 8 additional prescribed elective credits.

Sustainability

Math Requirements:

Math 1314: Pre Calculus Algebra

Choose 1 of the following 2:

Math 1342: Elementary Statistics **OR**

Math/Stat 3379: Statistical Methods in Practice

Biol 4374: Biostatistics

Core Intro:

Biol 1401: Environmental Science

Choose 1 of the following 2:

Biol 1406: General Biology I **OR**

Biol 1411: General Botany

Choose 1 of the following 2:

Biol 1407 General Biology II **OR**

Biol 1413: General Zoology

Chem 1411: General Chemistry I

Geog 1401: Weather and Climate

Geog 2464: Intro to Geographic Information Systems

Choose 1 of the following 2:

Geol 1403: Physical Geology **OR**

Geol 1405: Geologic & Environmental Hazards

Core Advanced:

Biol/Geog 3320: Sustainability & Environment

Biol 3409: General Ecology

Choose 1 of the following 2:

Econ 3352: Energy & Environmental Economics **OR**

Geog 4351: Economic Geography

Geog 3310: Sustainable Development

Geog 4331: Conservation of Natural Resources

Geog 4432: Geomorphology **OR** Geog 4330: Hydrology

Choose 1 of the following 2:

Geog 4361: GIS for Public Health **OR**

Geog 4468: Remote Sensing

Geol 3326: Environmental Geology

Plsc 3440: Soil Science

Pols 3395: Environmental Policy

Choose 1 of the following 3:

Soci 3336: Social Change and Development **OR**

Soci 4337: Environment and Society **OR**

Pols 3366: Public Administration **OR**

This track/concentration requires 17 additional advanced prescribed elective credits.

Pollution Abatement

Math Requirements:

Math 1420: Calculus I

Choose 1 of the following 2:

Math 1342: Elementary Statistics **OR**

Math/Stat 3379: Statistical Methods in Practice **OR**

Biol 4374: Biostatistics

Core Intro:

Biol 1401: Environmental Science

Choose 1 of the following 2:

Biol 1406: General Biology I **OR**

Biol 1411: General Botany

Choose 1 of the following 2:

Biol 1407 General Biology II **OR**

Biol 1413: General Zoology

Chem 1411: General Chemistry I

Chem 1412: General Chemistry II

Chem 2323: Organic Chem I, Chem 2123: O Chem I Lab

Chem 2401: Quantitative Analysis

Geog 1401: Weather and Climate

Geol 1403: Physical Geology

Core Advanced:

Biol/Geog 3320: Sustainability & Environment

Biol 3409: General Ecology

Biol 4330: Aquatic Biology

Chem 3368: Environmental Chemistry

Geog 4331: Conservation of Natural Resources

Geol 3326: Environmental Geology

Geol 4304: Geochemistry

Geol 4426: Hydrogeology

Plsc 3440: Soil Science

Pols 3395: Environmental Policy

This track/concentration requires 11 additional prescribed elective credits.

Ask about our **Environmental Science minor** -
Only 6 courses beyond the core curriculum!

Prescribed Electives

Aget 3383: Soil & Water Conservation Engr^{W,P}

Biol 2420: Intro Applied Microbiology^P

Biol 3461: Wildlife Biology^{W,P,S}

Biol 3470: General Microbiology^P

Biol 4320: Environmental Toxicology^P

Biol 4330: Aquatic Biology^{W,S}

Engl 3330: Intro to Technical Writing^{S,P}

Chem 2401: Quantitative Analysis^W

Chem 3368: Environmental Chemistry^{W,P}

Chem 4442: Air Quality^P

Econ 3352: Energy and Env Economics^{W,S,P}

Envr 4361: Environmental Sci Field Exp^{W,S,P}

Geog 3301: Environmental Geography^{W,S,P}

Geog 3350: Cultural Geography^S

Geog 3310: Sustainable Development^{W,P}

Geog 4330: Hydrology & Water Resources^{S,P}

Geog 4356: Urban Geography^S

Geog 4333: Field Studies^{W,S,P}

Geog 4357: Population Geography^S

Geog 4361: GIS for Public Health^{W,S,P}

Geog 4365: Applied GIS^{W,S}

Geog 4432: Geomorphology^P

Geog 4468: Remote Sensing^{W,S,P}

Geol 3330: Oceanography^{W,S,P}

Geol 4304: Geochemistry^{W,P}

Geol 4312: Economic Geology^P

Geol 4400: Stratigraphy & Sedimentation^W

Geol 4426: Hydrogeology^{S,P}

Hlth 4390: Environmental Health^{S,P}

Phil 4334: Environmental Ethics^S

Plsc 4330: Soil Fertility & Mgt Fertilizers^{W,S,P}

Plsc 4370: Forage Crops & Pasture Mgmt^{S,P}

Plsc 4397: Integrated Pest Management^{S,P}

Pols 3302: Intro to Public Policy^{W,S}

Pols 3339: Nonprofit Organizations^S

Soci 4337: Environment and Society^{W,S}

Wmgt 3382: Habitat & Pond Management^{W,S}

^W = Water Resources

^S = Sustainability

^P = Pollution Abatement