



**Sustainable Water Interdisciplinary Minor (SWIM)  
Classes available fall 2017**

**Required Core courses:**

AREC/ECON 240: Issues in Environmental Economics

MWF 12:00-12:50, CRN 63329

MWF 1:00-1:50, CRN 63330

TR 11:00-12:15, CRN 70804

TR 2:00-3:15, CRN 75652

AREC 342: Water Law, Policy, and Institutions  
Not offered on campus this fall

GR/WR 304: Sustainable Watersheds

MWF 8:00-8:50, CRN 14602

**Foundations of Water courses:**

**BIOLOGY**

BZ 104: Basic Concepts of Plant Life

BZ 110: Principles of Animal Biology

BZ 120: Principles of Plant Biology

LIFE 103: Biology of Organisms: Animals and Plants

**CHEMISTRY**

CHEM 103: Chemistry in Context

CHEM 107: Fundamentals of Chemistry

CHEM 113: General Chemistry II

**GEOGRAPHY**

GR 100: Introduction to Geography

GR 210: Physical Geography

**ECOLOGY**

ESS 311: Ecosystem Ecology

LAND/LIFE 220: Fundamentals of Ecology

LIFE 320: Ecology

**GEOLOGY**

GEOL 120: Exploring Earth: Physical Geology

GEOL 122: The Blue Planet: Geology of our Environment

GEOL 150: Physical Geology for Scientists and Engineers

**PHYSICS**

PH 110: Descriptive Physics

PH 121: General Physics

PH 141: Physics for Scientists and Engineers

**Context of Water courses:**

**SOCIOLOGICAL-ECONOMIC CONTEXT**

GES 101: Foundations of Environmental Sustainability

AREC 341: Environmental Economics

CON 476: Sustainable Practice – Design and Construction

E 339: Literature of the Earth

JTC 461: Writing about Science, Health, & Environment

NR 320: Natural Resources History and Policy

PHIL 320: Ethics of Sustainability

PHIL 345: Environmental Ethics

POLS 361: U.S. Environmental Politics and Policy

ECOLOGICAL-BIOLOGICAL CONTEXT

BZ 471: Stream Biology and Ecology

ERHS 320: Environmental Health – Water and  
Food Safety

FW 400: Conservation of Fish in Aquatic  
Ecosystems

PHYSICAL CONTEXT

CIVE 322: Basic Hydrology

CIVE 413: Environmental River Mechanics

CIVE 440: Nonpoint Source Pollution

GEOL 452: Hydrogeology

SOCR 371: Irrigation of Field Crops

WR 416: Land Use Hydrology

WR 474: Snow Hydrology