

ENVIRONMENTAL TECHNOLOGY (ENV)

ENV110 Introduction Environmental Science 3 credits (3 lec hrs/wk)

This course integrates the physical, life and social sciences under an overarching theme of sustainability to examine environmental issues and solutions. It incorporates a diverse set of topics including ecology, biodiversity, urban and regional planning, air and water pollution, energy supply and consumption, water resources, food production, solid waste, toxic substances, and human population. Critical thinking is promoted through student analysis and interpretation of environmental data and trends, and through student application of knowledge to new situations. This course may be taken 1 time for credit.

Course classification: LDC

ENV180 Internship: Environmental Tech 1-12 credits (3 lab hrs/wk/cr)

Prerequisite(s): Instructor consent

Practical on-site experience that will allow students to explore workplace environments and career options

This course may be taken 12 times for credit.

Course classification: LDC

ENV235 Introduction to Soil Science 4 credits (3 lec, 3 lab hrs/wk)

In this course, students learn about the chemical, physical, and biological nature of soils; the factors controlling soil development; what a soil name can tell about the environment; and, how land management decisions affect soil quality and its sustainability. Topics will include: The importance of soils, what soil is, how soil forms, how soils are described, physical properties of soils, soil water, soil chemistry, soil biology, and soil sustainability.

This course may be taken 1 time for credit.

Course classification: LDC