

Sustainability Certificate

Sustainability Certificate requirements

24 Credits

Code	Title	Hours
ENVS 1210 & ENVS 1215	Introduction to Environmental Science and Introduction to Environmental Science Laboratory	4
ENVS 2210	Environmental Pollution and Remediation Techniques (Prerequisites: MATH 1050 or higher; and CHEM 1210 and CHEM 1215)	3
ENER 3310	Energy and the Environment	3
GEO 1110 & GEO 1115	Physical Geology (PS) and Physical Geology Lab (LAB)	4
GEO 2050	Earth Materials	4
ENGL 2201	Literature and the Land (HU, GC)	3
GEOG 3410	Paleoclimatology	3

Completion Requirements

1. Complete 24 credit hours of required courses. Prerequisite courses are stacked within other degree plans.
2. Cumulative GPA of 2.0 or higher

Sustainability Certificate Program Learning Outcomes

At the successful completion of this certificate program, students will be able to:

1. Formulate sustainable approaches to energy and earth science issues that integrate environmental, economic, behavioral, and sociopolitical perspectives.
2. Distinguish between Earth's surface and deep energy sources and the processes they power and appraise how we depend on and harvest those energy resources to sustain our society.
3. Evaluate the benefits of conventional and renewable energy systems, including those that are involved in transportation technologies, food production, energy security, and how to evolve into sustainable energy operations.