

# NS 2040 - ENVIRONMENTAL STUDIES

Credits: 3

This course will examine major topics in environmental science including human population growth, conservation, species extinction, pollution, water use, energy, and climate change. Students will explore these topics through field trips, classroom activities, laboratory exercises, and lectures. Upon successful completion of the course, students will not only understand current environmental issues from a scientific perspective, they will also be aware of the social and political conditions that influence environmental science.

Prerequisites: none

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Understand the earth's natural environment and its relationships with human activities	Evaluates the earth's natural environment and its relationships with human activities	Explains the earth's natural environment and its relationships with human activities	Identifies the earth's natural environment and its relationships with human activities	Does not understand the earth's natural environment and its relationships with human activities	LA1, LA6	Critical Thinking
Understand and implement scientific research methods to address environmental issues	Applies scientific research methods to address environmental issues	Compares and contrasts scientific research methods to address environmental issues	Identifies scientific research methods to address environmental issues	Does not understand or implement scientific research methods to address environmental issues	LA1, LA6	Critical Thinking
Understand the Earth's major systems and how they function and are affected by human activities	Synthesizes the Earth's major systems and how they function and are affected by human activities	Explains the Earth's major systems and how they function and are affected by human activities	Identifies the Earth's major systems and how they function and are affected by human activities	Does not understand the Earth's major systems and how they function and are affected by human activities	LA1, LA6	Critical Thinking