

# NATURAL SCIENCE (NSCI)

## NSCI 115 Human Environmental Issues (3 Credit Hours)

Type of credit: Baccalaureate/Transfer

Lecture hours: 3

This course acts as a survey of global environmental problems in which humans are playing a significant role. In order to best convey these complex issues, this course will incorporate the basic physical and ecological principles of the Earth's environmental systems as well as an historical perspective on the environmental movement and resource use. By the end of this course, students should be able to: 1) identify and describe major global environmental problems, 2) critically evaluate scientific studies and arguments, 3) possess an "international" perspective on global environmental problems and 4) apply and relate the material covered in this course to their lives. IAI Code: P9 901. Typical offering schedule: annual

## NSCI 132 Physical Geography (4 Credit Hours)

Type of credit: Baccalaureate/Transfer

Lecture hours: 3

Lab hours: 2

Studies elements and controls of weather, climate, vegetation, and soils. Evolution of landforms and basic principles of geology are also covered. IAI Code: P1 909L. Typical offering schedule: fall, spring

## NSCI 133 Intro to Astronomy with Lab (4 Credit Hours)

Type of credit: Baccalaureate/Transfer

Lecture hours: 3

Lab hours: 2

Prerequisite: MATH 091 or Academic placement measures.

Introductory study of topics in the field of astronomy. Examines astronomical phenomena and concepts, including the solar system, planetary motions, atoms and radiation, stars and galaxies, and the evolution of the universe. Course includes a required lab. IAI Code: P1 906L. Typical offering schedule: fall

## NSCI 134 Introduction to Astronomy (3 Credit Hours)

Type of credit: Baccalaureate/Transfer

Lecture hours: 3

Prerequisite: MATH 091 with minimum grade of C or Academic placement measures.

Applies the methods of scientific inquiry to the field of astronomy.

Examines astronomical phenomena and concepts, including the solar system, planetary motions, atoms and radiation, stars and galaxies, and the evolution of the universe. IAI Code: P1 906. Typical offering schedule: fall

## NSCI 231 Fundamentals of Meteorology (3 Credit Hours)

Type of credit: Baccalaureate/Transfer

Lecture hours: 3

Prerequisite: MATH 067 or Academic placement measures.

An introductory class that examines basic principles of weather and climate systems. Includes such topics as solar radiation, clouds, precipitation, weather forecasting, severe weather, climate change, and the impacts on society. IAI Code: P1 910. Typical offering schedule: spring, summer

## NSCI 232 Fund of Meteorology with Lab (4 Credit Hours)

Type of credit: Baccalaureate/Transfer

Lecture hours: 3

Lab hours: 2

Prerequisite: MATH 067 or Academic placement measures.

A laboratory class that examines basic principles of weather and climate systems. Includes such topics as solar radiation, clouds, precipitation, weather forecasting, severe weather, climate change, and the impacts on society. IAI Code: P1 910L. Typical offering schedule: spring, summer