

# SCIENCE (SCI)

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## **SCI 1003 Critical Issues in Science (3 Credits)**

This course teaches critical issues in science by studying recent developments and critical issues in various scientific disciplines. Course content will be topical and dependent upon both current scientific issues and the areas of interest of course participants.

Prerequisites: ENG 1010 or permission of instructor

*General Education:* Scientific Knowledge & Understanding (SCKX)

Previous: Legacy Equivalent(s): SCI\* 103

## **SCI 1014 Survey of Science (4 Credits)**

This non-science majors course with lab surveys content in biology, physics, and chemistry with an emphasis on the interdisciplinary nature of these fields of science and how they relate to everyday life. Topics will include the scientific method and process of science, heat, refraction, energy, acids and bases, electrolytes, microscopy, cellular structure, heredity, and basics of ecology. Laboratory experiments will both integrate and reinforce material discussed in lecture, as well as foster collaboration and teamwork among students. Students should check for transferability with the institution they wish to transfer to if they take an online lab.

Previous: Legacy Equivalent(s): SCI\* 114

## **SCI 2260 Intro to Forensic Science (3 Credits)**

A study of how the disciplines of Biology, Chemistry, Earth Science, Physical Science, and Physics meld to form the field of forensic science.

The course will focus on developing the scientific vocabulary necessary for investigators to communicate with scientists. This course is meant to assist students who are pursuing a career in criminal justice. Emphasis of the course will be placed on scientific analysis of data rather than detective work. Students will learn to appreciate how the major fields of science are utilized in solving crimes. Students may take either CJS/SCI 2260 or CJS/SCI 2850. Students cannot earn credit for both of these classes.

Prerequisites: ENG 1010 with a C- or higher

*General Education:* Scientific Knowledge & Understanding (SCKX)

Previous: Legacy Equivalent(s): SCI\* 130, SCI\* 200

## **SCI 2850 Forensic Science with Lab (4 Credits)**

A study of how the disciplines of Biology, Chemistry, Earth Science, Physical Science, and Physics meld to form the field of forensic science.

The course will focus on developing the scientific vocabulary necessary for investigators to communicate with scientists. This course is meant to assist student who are pursuing a career in criminal justice. Emphasis of the course be placed on scientific analysis of data rather than detective work. Students will learn to appreciate how the major fields of science are utilized in solving crimes. The laboratory component will provide hands on opportunities to integrate scientific methodology as it relates to criminal justice and the limitations of scientific testing.

Prerequisites: ENG 1010 with a C- or higher

*General Education:* Scientific Reasoning (SCRX)

*Additional fees may apply*

Previous: Legacy Equivalent(s): SCI 2850