NATURAL SCIENCE (NSCI)

NSCI 150 - 21ST CENTURY SCIENCE
Explore the nature of science, and what it takes to become a scientist or medical professional, in the 21st Century through discussions of common readings, building information literacy, practicing critical thinking skills through case studies, and fine-tuning technical writing skills. Introduction to evidence-based creation of knowledge within a social justice-oriented learning environment. Gain perspectives on the role of science as a creative endeavor that affects all of society and explore methods of scientific discovery and their origins through explorations of the processes of science, the history of scientific thought, the philosophy and ethics of science, the lives of scientists and current trends in scientific research and practice. Students will advance their ability to interpret and communicate scientific information by improving skills in note-taking, quantitative and graphical data analysis. Pre-requisites: none (must have less than 12 SH of college credit; this section is designed with natural science and education majors in mind).
Credits: 3
Attributes: Natural Science
Course Notes: For BIOL major credit; intended for first-year natural, science and education majors

NSCI 151 - THE SCIENCE OF DISCOVERY
This course introduces students to current concepts and basic techniques in modern biology, chemistry and physics. Students will also be introduced to the scientific literature, writing short science reports, critical thinking, and the opportunity to work with several science faculty in laboratory or field environments. Course counts as credit in the major for biology, chemistry or biochemistry.
Credits: 1
Attributes: Natural Science
Course Notes: Summer First Wave participants only

NSCI 200 - CUTTING EDGE: CURRENT SCIENTIFIC LITERATURE
A seminar-style science journal course for honors students that will unlock the wealth of information found in the scientific literature. Introductory information on how to find, read, and cite primary science literature; other ways in which science is communicated; ethical, economic, and copyright concerns in scientific publishing; the role of peer review; Internet publishing; and other current topics. Current and historically interesting articles from biology, chemistry, environmental science, and computer science journals.
Credits: 3