NATURAL SCIENCES INQUIRY

Provides students an opportunity to engage with the process of scientific investigation and the knowledge it produces. (The GE code is NI, 3 – 4 credits)

**Learning Outcome:** Students engage in scientific investigation to explore the knowledge produced by scientific processes. [revised 2019]

**Biology**

BIOL 102: Forensics  
BIOL 123: Beyond Jurassic World: The Science of DNA and Dinosaurs  
BIOL 156: Hormones and Society  
BIOL 204/204L: From Molecules to Cells: Evolution of Life on Earth  
BIOL 205/205L: Evolution and Diversity of Multicellular Organisms

**Chemistry**

CHEM 101 - Chemistry of Life  
CHEM 103: Chemistry of Health  
CHEM 105: Chemistry of Environmental Issues  
CHEM 140: General Chemistry I  
CHEM 150: General Chemistry II

**Environmental Science**

ENV 101: Introduction to Environmental Science  
ENV 102: Introduction to Environmental Policy  
ENV 103: Introduction to Earth Systems  
ENV 111/111L: Physical Geology  
ENV 112: Introduction to Hazards and Global and Environmental Change  
ENV 224: Introduction to Restoration Ecology  
ENV 226: Environmental Health and Pollution: From Toxic Chemicals to Climate Change  
ENV 227: Darwin and the Galapagos  
ENV 234: The Energy Problem

**Food Science**

FSN 120: Introduction to Food Science  
FSN 170: Nutrition and Human Physiology  
FSN 200: Human Nutrition

**Honors Program**

HON 207: Darwin's Evolutionary Theory: The Science and the Controversy  
HON 254: Symmetry  
HON 286: Origins
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HON 310: Experiencing Forms and Colors: Goethe’s Approach to Science
HON 319: Dinosaurs in Science and Media
HON 364: Biology in Media and Reality
HON 374: Philosophy of Science: Interdisciplinary Applications
HON 376: Sustainability in an Unsustainably Structured World
HON 378: The Ecology, History and Politics of California Ecosystems
HON 383: Controversial Topics in Biology
HON 384: Ethical Implications of Biotechnology
HON 389: The Science Blender

Health Sciences and Kinesiology

HSCI 112: Human Physiology in Health and Disease

Philosophy

PHIL 350: Philosophy of Quantum Theory

Physics

PHYS 101/101L: General Physics I/Laboratory
PHYS 102/102L: General Physics II/Laboratory
PHYS 107/107L: General Physics for the Life Sciences I/Laboratory
PHYS 108/108L: General Physics for the Life Sciences II/Laboratory
PHYS 117: The Beauty of Physics
PHYS 145: Introduction to Applications in Computational Science