NATURAL SCIENCE (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 (NEW)
ENV 226: Environmental Health and Pollution: From Toxic Chemicals to Climate Change (NEW)
ENV 227: Darwin and the Galapagos
ENV 234: The Energy Problem (NEW)

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
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HON 286: Origins
HON 310: Experiencing Forms and Colors: Goethe’s Approach to Science
HON 319: Dinosaurs in Science and Media (NEW)
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