

















































































NATURAL SCIENTIFIC INVESTIGATION

Natural Scientific Investigation (FC-NATSCI) is a required Focus Capacity course in the IDEAs in Action curriculum (<https://catalog.unc.edu/undergraduate/ideas-in-action/>).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Code	Title	Hours
Approved Courses		
ANTH 148	 Human Origins	3
ANTH 217	 Human Biology in Comparative Perspective	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 318	 Human Growth and Development	3
ANTH 413	 Laboratory Methods: Archaeobotany	3
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3
ANTH 520	 Linguistic Phonetics	3
APPL 101	 Exploring Engineering	3
ASTR 100	 Understanding the Universe	3
ASTR 101	 Introduction to Astronomy: The Solar System ^H	3
ASTR 102	 Introduction to Astronomy: Stars, Galaxies & Cosmology ^H	3
ASTR 103	 Alien Life in the Universe	3
ASTR 110	 Astrophotography of the Multi-Wavelength Universe	3
BIOL 53	 First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome	3
BIOL 59	 First-Year Seminar: Unsolved Problems in the Genomic Age	3
BIOL 59	 First-Year Seminar: Unsolved Problems in the Genomic Age	3
BIOL 64	 First-Year Seminar: Modeling Fluid Flow through and around Organs and Organisms	3
BIOL 66	 First-year seminar: Evolution and the Science of Life	3
BIOL 101	 Principles of Biology ^H	3
BIOL 103	 How Cells Function	3
BIOL 104	 Biodiversity	3
BIOL 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology	3
BIOL 220	 Molecular Genetics ^H	3
BIOL 252	 Fundamentals of Human Anatomy and Physiology ^H	3
BIOL 255	 The Evolution of Extraordinary Adaptations ^H	4
BIOL 271	 Plant Biology	3
BIOL 274	 Plant Diversity	3
BIOL 544L	 Laboratory in Diseases of the Cytoskeleton	3
CHEM 75	 First-Year Seminar: Bread from Air? The Chemistry of Fertilizers	3
CHEM 101	 General Descriptive Chemistry I ^H	3
CHEM 102	 General Descriptive Chemistry II ^H	3
EMES 101	 Planet Earth	3
EMES 103	 The Marine Environment	3
EMES 105	 Natural Disasters: Hollywood versus Reality	4
EMES 200	 The Solid Earth	3
EMES 201	 Earth's Surface: Processes, Landforms, and History	3
EMES 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology	3
EMES 306	 Earth Systems History	3
EMES 314	 Earth Systems in a Changing World	3
EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 202	 Introduction to the Environmental Sciences	4
ENEC 203	 Introduction to Environmental Science Problem Solving	3
ENEC 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENVR 135	 Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3
GEOG 50	 First-Year Seminar: Mountain Environments ^H	3
GEOG 65	 First-Year Seminar: Climate Change in the Media ^H	3
GEOG 68	 First-Year Seminar: Freshwaters in the Anthropocene	3
GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems ^H	3
GEOG 111	 Weather and Climate	3
GEOG 141	 Geography for Future Leaders	3
GEOG 212	 Environmental Conservation and Global Change	3
GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3
GEOG 370	 Introduction to Geographic Information	3
GEOG 392	 Research Methods in Geography	3
GEOG 410	 Modeling of Environmental Systems	3
GEOG 414	 Climate Change	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3

2 Natural Scientific Investigation

GEOG 567	 Geospatial Data Analysis with Google Earth Engine	3
LING 101	 Introduction to Language ^H	3
LING 200	 Phonology	3
LING 520	 Linguistic Phonetics	3
MUSC 51	 First-Year Seminar: The Interplay of Music and Physics	3
NSCI 175	 Introduction to Neuroscience	3
NSCI 419	 Behavioral Endocrinology	3
NSCI 568	 Emotion	3
PHIL 351	 Philosophy of Physics ^H	3
PHYS 51	 First-Year Seminar: The Interplay of Music and Physics	3
PHYS 55	 First-Year Seminar: Introduction to Mechatronics	4
PHYS 100	 How Things Work	4
PHYS 101	 Basic Concepts of Physics	4
PHYS 106	 Inquiry into the Physical World	4
PHYS 114	 General Physics I: For Students of the Life Sciences	4
PHYS 115	 General Physics II: For Students of the Life Sciences	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^H	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^H	4
PHYS 281L	 Experimental Techniques in Physics	3
PLAN 647	 Coastal Management Policy	3
PLAN 656	 Climate Change Impacts and Adaptation	3

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.