NATURAL SCIENTIFIC INVESTIGATION

Natural Scientific Investigation (FC-NATSCI) is a required Focus Capacity course in the IDEAs in Action curriculum (http://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
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 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 220	Molecular Genetics	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 101	General Descriptive Chemistry I	3
CHEM 102	General Descriptive Chemistry II [H]	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 and the Media [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
GEOG 567	Geospatial Data Analysis with Google Earth Engine	3
GEOL 101	Planet Earth	3
GEOL 103	The Marine Environment	3
GEOL 200	The Solid Earth	3
GEOL 202	Earth Systems History	3
GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
LING 200	Phonology	3
LING 520	Linguistic Phonetics	3
MASC 57	First-Year Seminar: From "The Sound of Music" to "The Perfect Storm" [H]	3
MASC 101	The Marine Environment	3
MASC 314	Earth Systems in a Changing World	3
MATH 63	First-Year Seminar: From "The Sound of Music" to "The Perfect Storm" [H]	3
MUSC 51	First-Year Seminar: The Interplay of Music and Physics	3
NSCI 175	Introduction to Neuroscience	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	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	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.