

EMPIRICAL INVESTIGATION LAB

As part of the IDEAs in Action curriculum (<https://catalog.unc.edu/undergraduate/ideas-in-action/#learningoutcomestext>), one Focus Capacity course must include or be associated with a one-credit Empirical Investigation Lab (FC-LAB). In such labs, students participate in measurement, data collection and analysis, and hypothesis testing connected to the course content.

Approved Courses

Code	Title	Hours
ANTH 404	 Agent-Based Modeling of Social-Ecological Systems	3
ANTH 419	 Anthropological Application of GIS	3
ASTR 100L	 Astronomy with Skynet: Our Place in Space	1
BIOL 101L	 Introductory Biology Laboratory	1
BIOL 102L	 Introductory Biology Laboratory with Research	1
BIOL 221L	 Seafood Forensics Laboratory	1
BIOL 255L	 The Evolution of Extraordinary Adaptions Laboratory	1
BIOL 271L	 Plant Biology Laboratory	1
BIOL 274L	 Plant Diversity Laboratory	1
BIOL 544L	 Laboratory in Diseases of the Cytoskeleton	3
CHEM 101L	 Quantitative Chemistry Laboratory I	1
EMES 101L	 Planet Earth Laboratory	1
EMES 103L	 The Marine Environment Laboratory	1
EMES 105	 Natural Disasters: Hollywood versus Reality	4
EMES 324L	 Water in Our World Laboratory	1
ENEC 202	 Introduction to the Environmental Sciences	4
ENEC 324L	 Water in Our World Laboratory	1
ENEC 404	 Agent-Based Modeling of Social-Ecological Systems	3
ENEC 419	 Anthropological Application of GIS	3
ENVR 135	 Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3
ENVR 335	 Adv Environ-ECUIPP Lab: Connecting with Communities Through Environmental Research for PH Protection	3
LING 333	 Human Language and Animal Communication Systems	3
LING 401	 Introduction to Computational Linguistics	3
LING 573	 Linguistic Field Methods I	3
PHIL 70	 First-Year Seminar: Gateway to Philosophy, Politics, and Economics	3

PHYS 55	 First-Year Seminar: Introduction to Mechatronics	4
PHYS 100	 How Things Work	4
PHYS 101	 Basic Concepts of Physics	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 231	 Physical Computing ^H	4
PHYS 281L	 Experimental Techniques in Physics	3
PLCY 460	 Quantitative Analysis for Public Policy ^H	4
PSYC 438	 Research Topics in the Psychology of Language	3
PSYC 535	 Programming for Psychologists: Computational Tools for Psychological Research	3
STOR 320	 Methods and Models of Data Science	4

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