

Life & Physical Science Options

School of Science

Department of Computer Science

Both BA and BS students are required to complete at least **four science lecture courses** totaling a minimum of 12 credit hours outside the major department. At least **one of the courses must have a laboratory component**. BS students fulfill the laboratory component needed by completing required PHYS 15200.

**Some courses below have pre-requisites or are only available certain semesters. Please see the Schedule of Classes for further details.

Lecture Only Options

AST-A 100 The Solar System

AST-A 103 Search for Life in the Universe (*spring only*)

AST-A 105 Stars and Galaxies

AST-A 205 Quasars, Pulsars, and Black Holes (*fall only*)

FIS 20500 Concepts of Forensic Science I (*fall and summer I*)

FIS 20600 Concepts of Forensic Science II (*spring and summer II, prereq – FIS 20500*)

BIOL-N 207 Physiology for Healthcare Management

BIOL-N 211 Anatomy for Healthcare Management

BIOL-N 212 Human Biology

BIOL-N 214 Human Biology

CHEM-C 101 Elementary Chemistry (for BA in applied computer science students ONLY)

CHEM-C 105 Principles of Chemistry (pre-req certain scores on math placement and chemistry placement exams)

CHEM-C 106 Principles of Chemistry II

CHEM-C 110 The Chemistry of Life

GEOL-G 107 Environmental Geology

GEOL-G 110 Physical Geology

GEOL-G 115 Oceanography

GEOL-G 135 Indiana Geology

GEOL-G 180 Dinosaurs

GEOL-G 209 History of the Earth

PSY-B 201 Foundations of Neuroscience
(P: PSY-B 110 or BIOL-K 101)

Lecture and Laboratory Options

BIOL-K 101 Concepts of Biology I	<i>CHEM-C 101 Elementary Chemistry / CHEM-C</i>
BIOL-K 102 Honors Concepts of Biology I	<i>121 Elementary Chemistry Laboratory (for BA in</i>
BIOL-K 103 Concepts of Biology II	<i>applied computer science students ONLY)</i>
BIOL-K 104 Honors Concepts of Biology II	CHEM-C 105 Principles of Chemistry I / CHEM-
BIOL-N 107 Exploring the World of Animals	C 125 Experimental Chemistry I Laboratory
BIOL-N 212 Human Biology / BIOL-N 213	CHEM-C 106 Principles of Chemistry II /
Human Biology Lab	CHEM-C 126 Experimental Chemistry II
BIOL-N 214 Human Biology / BIOL-N 215	Laboratory
Human Biology Lab	GEOL-G 110 Physical Geology / GEOL-G 120
BIOL-N 217 Human Physiology	Physical Geology Laboratory
BIOL-N 251 Introduction to Microbiology	GEOL-G 135 Indiana Geology/GEOL-G 136
BIOL-N 261 Human Anatomy	Indiana Geology Lab
	PHYS 15200 Mechanics
	PHYS 25100 Heat Electricity and Optics

The following science courses will not count in the General Education Core, but can be applied toward the life and physical science courses required under the advising check sheet heading “Baccalaureate Competencies:”

ECE 20100 Linear Circuit Analysis

ECE 20200 Linear Circuit Analysis II

ECE 27000 Introduction to Digital System Design

And remember...when in doubt, ask! Always feel free to contact your academic advisor for clarification on what courses can and cannot count toward your life and physical science requirement. The Computer and Information Science Academic Advisor may be reached at:

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