

Related Sciences

Up to two approved non-BIOL/NEUR courses above introductory or prerequisite level may be included in the Biology AB/ScB core. Certain related science courses, with advisor approval, can be used to satisfy an upper-level course requirement. Related science courses cannot be used to satisfy a laboratory requirement. With advisor approval, courses may be considered for advanced level core coursework.

Qualifying related science courses will primarily focus on scientific methods, scientific principles, data analysis, computation or quantitative thinking, or physical/ biological systems. Examples of academic departments and qualifying/non-qualifying courses are provided below.

DEPARTMENT	EXAMPLES OF QUALIFYING COURSES	EXAMPLES OF NON- QUALIFYING COURSES
ANTHROPOLOGY	ANTH 1201 Introduction to Geographic Information Systems and Spatial Analysis ANTH 1720 The Human Skeleton ANTH 1740 Paleoethnobotany: Ancient Agriculture to Criminal Investigations	ANTH 0301 Gender and Politics ANTH 1126 Ethnographies of Heritage ANTH 1320 Anthropology and International Development
APPLIED MATHEMATICS	APMA 1070 Quantitative Models of Biological Systems APMA 1080 Inference in Genomics and Molecular Biology	APMA 1910 Race and Gender in the Scientific Community
CHEMISTRY	CHEM 1230 Chemical Biology CHEM 1560H Chemical Glycobiology	CHEM 0999: Chemistry and Art CHEM 1560R Reimagining the Role of Chemists
COGNITIVE LINGUISTIC & PSYCHOLOGICAL SCIENCES	CPSY 0450 Brain Damage and the Mind CPSY 1440 Cognitive Neuropsychology	CPSY 0700 Social Psychology CPSY 0610 Children’s Thinking
COMPUTER SCIENCE	CSCI 0111: Computing Foundations: Data CSCI 1810: Computational Molecular Biology	CSCI 0020: The Digital World CSCI 1805: Computers, Freedom and Privacy
DATA SCIENCE	DATA 1050 Data Engineering	DATA 0080 Data, Ethics and Society
EARTH, ENVIRONMENTAL & PLANETARY SCIENCE	EEPS 0240: Earth: Evolution of a Habitable Planet EEPS 1120: Paleoceanography	EEPS 0050 Mars, Moon, and the Earth EEPS 1615: Climate Change, Human Rights and the Policy Process

ENGINEERING	ENGN 1230: Instrumentation Design ENGN 1490 Biomaterials	ENGN 0090 Management of Industrial and Nonprofit Organizations ENGN 1010 The Entrepreneurial Process
ENVIRONMENTAL STUDIES	ENVS 0490 Environmental Science in a Changing World ENVS 1300 Terrestrial Biogeochemistry, Ecosystems and the Global Carbon Cycle	ENVS 0715 Political Ecology ENVS 1615 Climate Change, Human Rights, and the Policy Process
MATHEMATICS	Multivariable Calculus and above	N/A
PHYSICS	PHYS 1610 Biological Physics	PHYS 220 Astronomy
STATISTICS (if not used for Math prereq)	AMPA 650, APMA 1650/1655, BIOL 495, PHP 1501, PHP 1510, SOC 1100	Others only with advisor approval (e.g. ECON 1620)