

General Science (7-12)

Courses Required

General Science is a second certification area that requires a major and first certification area in biology, chemistry, or physics.

Category	Descriptor	Credits	Courses
Additional Requirements	Chemistry or Geochemistry	1	One of CHEM 205 Principles of Chemistry Chem 207 Exploration in Chemistry Chem 211 Organic Chemistry Chem 321 Inorganic Chemistry Geology 305 Introduction to Geochemistry
	Physics	1	One of PHYS 211 Classical and Modern Physics I PHYS 212 Classical and Modern Physics II PHYS 221 Classical Mechanics PHYS 222 Wave Mechanics and Quantum Physics
	Biology	2	[BIOL 121 Biology for Non-majors (life at the cellular and biochemical levels, genetics, and biotechnology)] and BIOL 122 Biology for Non-majors (principles of ecology, evolution, animal diversity, behavior, and structure, and function)] Or [BIOL 205 Introduction to Molecules and Cells And one of BIOL 206 Organismal Biology BIOL 207 Genetics BIOL 208 Principles of Ecology and Evolution]
	Geology	1	One of GEOL 107 Global Change - Past and Present GEOL 108 When Rocks Attack GEOL 109 Energy and Natural Resources GEOL 117 Environmental Geohazards
	Climate	1	GEOG 257 Climate Change
	Astronomy	1	One of ASTR 101 Our Solar System ASTR 102 Stars, Galaxies, and Beyond ASTR 201 Observational Astrophysics