

General Studies 2016-2017 Course List

Outcome 15	Natural Science			Prerequisite Requirements
BIOL	1104	Biosphere	4 hrs.	Elementary Education majors only.
BIOL	2205	Technical Microbiology	3 hrs.	None
BIOL	1105	Biological Principles I	4 hrs.	A score of 21 or better on the ACT Science Reasoning section or SCIE 1000 with a C or better or BIOL 1106 with a C or better.
BIOL	1106	Biological Principles II	4 hrs.	A score of 21 or better on the ACT Science Reasoning section or SCIE 1000 with a C or better or BIOL 1105 with a C or better.
BIOL	1180	Anatomy and Physiology (and 1181 lab)	4 hrs.	None
CHEM	1101	General Chemistry	4 hrs.	ACT math score of 19; or SAT Math score of 460 or Compass score of 36 or Elementary Algebra 0095
CHEM	1105	Chemical Principles I	5 hrs.	ACT math score of 20; SAT Math 480, Compass score of 42 or CHEM 1101 with a grade of C or better.
GEOL	1101	Physical Geology	4 hrs.	None
GEOL	1102	Historical Geology	4 hrs.	GEOL 1101
PHYS	1101	Introduction to Physics I	4 hrs.	MATH 1102 OR MATH 1115 OR MATH 1185 OR MATH 1190 OR MATH ACT 24 OR MATH SAT 560 OR Compass 67
PHYS	1102	Introduction to Physics II	4 hrs.	PHYS 1101
PHYS	1105	Principles of Physics I	4 hrs.	MATH 1185 OR MATH 1190 OR TECH 2290 OR MATH ACT 28 OR MATH SAT 630 OR Compass 89
SCIE	1100	Human Biology	4 hrs.	None
SCIE	1103	Science That Matters I	4 hrs.	None
SCIE	1105	Environmental Science	4 hrs.	None
SCIE	1107	Geographic Information Systems (GIS)	4 hrs.	None
SCIE	1110	Chemistry of Life	4 hrs.	None
SCIE	1115	Earth and Sky	4 hrs.	None
SCIE	1120	Introduction to Meteorology	4 hrs.	None
SCIE	1130	The Science of Disasters	4 hrs.	None
SCIE	1210	Science in the Heart of Appalachia	4 hrs.	None
SCIE	1220	Geological Heritage in the Field	4 hrs.	None
SCIE	1221	Evolution and Human Nature	4 hrs.	English ACT score of 18, or SAT-Critical Reading of 450, or Reading of 71 on the COMPASS test or ENGL 0092 and ENG 0097