

Bachelor of Science (B.S.) in Physical Science

Curriculum Map

Required Coursework – 120 hrs.			Recommended Plan of Study	
General Education Requirements (40 hours)			First Semester – 15 hours	Second Semester – 15 hours
English Composition – 9 hours	Sem.	Grade	ENGL 1113 Freshman English I	ENGL 1213 Freshman English II
___ ENGL 1113 Freshman English I			MATH 1513 College Algebra OR MATH 1523 Modeling	EASC 2114 Historical Geology
___ ENGL 1213 Freshman English II			BIOL 1304 Principles of Biology I	CHEM 1135 General Chemistry I
___ Communications Elective _____			EASC 1114 Introductory Geology	HIST 1313 or HIST 1323 US History
Mathematics – 3 hours			UCSS 1111 Student Success Seminar	
___ MATH 1513 Coll. Alg. OR MATH 1523 Modeling				
Natural Science – 9* hours			Third Semester – 17 hours	Fourth Semester – 14 hours
___ BIOL 1304 Principles of Biology I			PHYS 2014 General Physics I	PHYS 2114 General Physics II
___ CHEM 1135 General Chemistry I			EASC 1214 Physical Geography	EASC 2014 Natural Hazards
			Social Science – 3 hours	ECON 2013 Elements of Economics
U.S. History and Government – 6 hours			POLS 1013 American Government	Humanities – 3 hours
___ HIST 1313 or HIST 1323 US History			Humanities – 3 hours	
___ POLS 1013 American Government			Fifth Semester – 16 hours	Sixth Semester – 15 hours
Social Science – 6 hours			EASC 3014 Astronomy	EASC 2214 Environmental Geology
___ ECON 2013 Elements of Economics			EASC 3114 Minerals and Rocks	Chemistry Elective – 5 hours
___ Social Science (PSYC, SOC, CJ, etc.)			Chemistry Elective – 5 hours	Communications Elective – 3 hours
Humanities – 6 hours			Minor Courses or Electives – 3 hours	Minor Courses or Electives – 3 hours
___ HUM			Seventh Semester – 14 hours	Eighth Semester – 14 hours
___ HUM			EASC 4000 Seminar (1 credit hour)	EASC 4014 Meteorology
Student Success – 1 hour			Minor Courses or Electives – 13 hours	Minor Courses or Electives – 10 hours
___ UCSS 1111 Student Success Seminar				
Liberal Arts and Science Electives – 1* hour				
___ *Additional CHEM 1135 hour counts here				

This is a sample course sequence timeline only. This does not represent a contract, nor does it guarantee course availability. A student may require more than eight semesters to complete the degree.

Major Requirements (60 hours)

Earth Science Core – 33 hours		
___ EASC 1114 Introductory Geology		
___ EASC 1214 Physical Geography		
___ EASC 2114 Historical Geology		
___ EASC 2014 Natural Hazards		
___ EASC 2214 Environmental Geology		
___ EASC 3014 Astronomy		
___ EASC 3114 Minerals and Rocks		
___ EASC 4000 Seminar (1 credit hour)		
___ EASC 4014 Meteorology		
Physics Requirements – 8 hours		
___ PHYS 2014 General Physics I		
___ PHYS 2114 General Physics II		
Chemistry Electives – 10-15 hours		
___ CHEM		
___ CHEM		
___ CHEM		



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Notes to Advisees:

- No more than 12 semester hours may be used for both general education and major requirements.
- All science classes toward the Physical Science major must have a grade of C or better.

Electives – Sufficient to bring upper level hours to 40 and total credit hours to 120

Course Rotation:

Fall only courses:

- EASC 1214 Physical Geography
- EASC 3014 Astronomy
- EASC 3114 Minerals and Rocks
- PHYS 2014 General Physics I

Spring only courses:

- EASC 2214 Environmental Geology
- EASC 4014 Meteorology
- PHYS 2114 General Physics II

Minor Requirements (~18 hours)

Physical Science majors are required to have a minor in some other academic field. Hours designated toward the minor are included in the 120 hours required for the major.

Minor: _____