

BACHELOR OF SCIENCE IN SOLID EARTH AND PLANETARY SCIENCES

Code	Title	Credit Hours
Wellness		
APPH 1040	Scientific Foundations of Health or APPH 10 The Science of Physical Activity and Health or APPH 10 Flourishing: Strategies for Well-being and Resilience	2
Core A - Essential Skills		
ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1552	Integral Calculus	4
Core B - Institutional Options		
CS 1301	Introduction to Computing or CS 1371 Computing for Engineers	3
Core C - Humanities ¹		
Any HUM		6
Core D - Science, Math, & Technology		
PHYS 2211	Introductory Physics I	4
CHEM 1211K	Chemical Principles I	4
MATH 1551	Differential Calculus	2
MATH 1553	Introduction to Linear Algebra	2
Core E - Social Sciences ¹		
Select one of the following:		3
INTA 1200	American Government in Comparative Perspective	
POL 1101	Government of the United States	
Any SS		9
Core F - Courses Related to Major		
PHYS 2212	Introductory Physics II	4
MATH 2551	Multivariable Calculus	4
MATH 2552	Differential Equations	4
EAS 1600	Introduction to Environmental Science	4
EAS 2600	Earth Processes	4
Major Requirements		
EAS 2655	Quantitative Techniques in Earth and Atmospheric Sciences	3
EAS 3603	Thermodynamics of Earth Systems	3
EAS 3610	Introduction to Geophysics	3
EAS 4370	Physics of Planets	3
EAS 4200	Structural Geology and Continuum Mechanics	4
EAS 4610	Earth System Modeling	3
EAS 4801	Special Topics (Career Development Seminar)	1
EAS 4814	Special Topics-Lab (Geophysical Field Methods) or EAS 4420 Environmental Field Methods	4
SEP Technical Electives		12
EAS 4312	Geodynamics	
EAS 4314	Seismology	

EAS 4316	Earthquake Physics	
EAS 4360	Space Physics and Space Instrumentation	
EAS 4375	Earth and Planetary Materials	
EAS 4480	Environmental Data Analysis	
EAS 4520	Seismic Methods in Exploration Geophysics	
EAS 4699	Undergraduate Research	
EAS 4803	Special Topics (Earth Evolution)	
EAS 4803	Special Topics (Ice Sheet Dynamics)	
EAS 4803	Special Topics (Geologic History)	
Upper Division Electives		12
Free Electives ¹		9
Total Credit Hours		122

¹ Pass/Fail allowed only for Humanities, Social Sciences, and Free electives.