

BACHELOR OF SCIENCE IN SOLID EARTH AND PLANETARY SCIENCES

Code	Title	Credit Hours
Wellness Requirement		
APPH 1040	Scientific Foundations of Health	2
	or APPH 10 The Science of Physical Activity and Health	
	or APPH 10 Flourishing: Strategies for Well-being and Resilience	
Core IMPACTS		
Institutional Priority		
CS 1301	Introduction to Computing	3
	or CS 1371 Computing for Engineers	
Mathematics and Quantitative Skills		
MATH 1552	Integral Calculus	4
Political Science and U.S. History		
INTA 1200	American Government in Comparative Perspective	3
	or POL 1101 Government of the United States	
	or HIST 2111 The United States to 1877	
	or HIST 2112 The United States since 1877	
	or PUBP 3000 American Constitutional Issues	
Arts, Humanities, and Ethics ¹		
Any HUM		6
Communicating in Writing		
ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
Technology, Mathematics, and Sciences		
Lab Science		8
MATH 1551	Differential Calculus	2
MATH 1553	Introduction to Linear Algebra	2
Social Sciences ¹		
Any SS		9
Field of Study		
PHYS 2212	Principles of 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)	4

or EAS 4420 Environmental Field Methods

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 Free electives.