

BACHELOR OF SCIENCE IN EARTH AND ATMOSPHERIC SCIENCES - BUSINESS OPTION

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 1371	Computing for Engineers ²	3
Mathematics and Quantitative Skills		
MATH 1552	Integral Calculus ²	4
Political Science and U.S. History		
HIST 2111	The United States to 1877	3
	or HIST 2112 The United States since 1877	
	or INTA 1200 American Government in Comparative Perspective	
	or POL 1101 Government of the United States	
	or PUBP 3000 American Constitutional Issues	
Arts, Humanities, and Ethics		
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	2
MATH 1553	Introduction to Linear Algebra ²	2
Social Sciences		
Any SS		9
Field of Study		
MATH 2551	Multivariable Calculus ²	4
MATH 2552	Differential Equations ²	4
CHEM 1212K	Chemical Principles II ²	4
	or PHYS 22 Principles of Physics II	
EAS Technical Electives		5
EAS Core		
EAS 1600	Introduction to Environmental Science	4
EAS 2600	Earth Processes	4
EAS 2655	Quantitative Techniques in Earth and Atmospheric Sciences	3
EAS 3603	Thermodynamics of Earth Systems	3
Select two of the following:		6
EAS 3610	Introduction to Geophysics	
EAS 4200	Structural Geology and Continuum Mechanics ⁴	
EAS 4220	Environmental Geochemistry	

EAS 4305	Physical and Chemical Oceanography	
EAS 4370	Physics of Planets	
EAS 4655	Atmospheric Dynamics	
EAS 4740	Atmospheric Chemistry Laboratory	
Select one of the following:		1
EAS 4200	Structural Geology and Continuum Mechanics ⁴	
EAS 4221	Environmental Geochemistry Lab	
EAS 4656	Atmospheric Dynamics Practicum	
EAS 4420 & EAS 4610	Environmental Field Methods and Earth System Modeling	7
EAS Technical Electives		
Select 8 credit hours from the following: ¹		8
CEE 4210	Hydrology	
CEE 4300	Environmental Engineering Systems	
CEE 4330	Air Pollution Engineering	
EAS 1601	Habitable Planet	
EAS 2420	Environmental Measures of Urban and Regional Change	
EAS 2551	Introduction to Meteorological Analysis	
EAS 2750	Physics of the Weather	
EAS 3000-level or higher		
Business Option		
ECON 2106	Principles of Microeconomics ⁵	
ACCT 2101	Accounting I: Financial Accounting	3
	or MGT 300 Financial and Managerial Accounting	
MGT 3101	Organizational Behavior	3
	or MGT 3150 Principles of Management	
	or PSYC 2220 Industrial/Organizational Psychology	
Select two of the following:		6
MGT 3062	Financial Management	
MGT 3078	Finance and Investments	
MGT 3300	Marketing Management I	
MGT 3660	International Business	
MGT 4015	Advanced Managerial Accounting	
MGT 4026	Financial Reporting and Analysis I	
MGT 4029	Financial Statement Analysis	
MGT 4030	International Accounting	
MGT 4190	Strategic Quality Management and Competitiveness	
MGT 4191	The Entrepreneurship Forum	
MGT 4192	Impact Speaker Series Forum	
MGT 4193	Servant Leadership, Values & Systems	
MGT 4194	Social Enterprise and Entrepreneurship	
MGT 4303	Personal Selling and Sales Management	
MGT 4304	Strategic Brand Management	
MGT 4307	Strategic Marketing	
MGT 4335	International Marketing	
MGT 4610	Law, Management, and Economics	
MGT 4670	Entrepreneurship	
Free Electives		

Free Electives ³	12
Total Credit Hours	122

Pass/fail allowed only for Free Electives.

¹ Limit six credit hours total of EAS 4699 and EAS 4651 towards Technical Electives.

² Minimum grade of C required.

³ GT 1000 recommended

⁴ If EAS 4200 is completed, then 1-credit hour may be applied to satisfy the EAS Breadth Lab Elective requirement.

⁵ ECON 2106 is a requirement for the Business Option and will also satisfy 3 hours of Core IMPACTS Social Sciences.