

BS MAJOR IN SUSTAINABILITY

Requirements for a Bachelor of Science Degree with a Major in Sustainability

Additional Graduation Requirements (<https://catalog.una.edu/undergraduate/academic-procedures-requirements/graduation-requirements/>)

Code	Title	Hours
General Education Component (https://catalog.una.edu/undergraduate/academic-procedures-requirements/general-education-component/)		
Area I (Written Composition)		6
Area II (Humanities and Fine Arts) ¹		12
Area III (Natural Sciences and Mathematics) ²		11
ES 131	Earth Science/Physical Geology	
or ES 133	Earth Science/Earth Systems	
BI 101	Introductory Biology	
or BI 111	Principles of Biology	
MA 112	College Algebra	
or MA 113	College Trigonometry	
or MA 125	Calculus I	
Area IV (History, Social and Behavioral Sciences) ²		12
SO 222	Current Social Problems	
EC 251	Principles of Macroeconomics	
or EC 252	Principles of Microeconomics	
Area V (https://www.una.edu/areav/)		
Major Core Requirements in Sustainability		
ES 146	Sustainable Earth	4
ES 200	Climate Change	4
ES 251	Environmental Systems	4
ES 220	Sustainable Ecosystems	3
ES 301	Water Resources	3
ES 302	Energy	3
ES 303	Sustainable Food and Agriculture	3
ES 304	Waste	3
ES 320W	Environmental Justice	3
ES 481	Topics in Earth Science	6-8
Prescribed Supporting Courses		
CH 101	Introductory Chemistry	3
or CH 111	General Chemistry	
CH 101L	Introductory Chemistry Laboratory	1
or CH 111L	General Chemistry Laboratory	
GE 184	Digital Earth	3
GE/EC 321	Economic Geography	3
GE 354	Remote Sensing	4
GE 384	Geographic Information Systems	4
OHS 301	Occupational Safety and Health	3
PS 303	World Politics	3
PS 412	Introduction to Public Policy	3

Minor

A minor is not required for a major in Sustainability

General Elective

Electives to bring the overall credit hour total to 120.

Total Hours ³ 120

¹ For Bachelor of Arts degree, select six hours of a required foreign language at the introductory level

² These courses are required in the major if not completed as part of the General Education component.

³ A laboratory is included in science courses that carry 4-5 credit hours (Department of Geoscience).