

Updated: 7/30/2018
 Bachelor of Science

Environmental and Sustainability Studies (Environmental Science Concentration/ Biology Option)

Name _____

ID # _____

ESS/SCI/BIO (120 hours)

ESS Core (35-36 hrs)			HRS	Grade	Enrolled
1100	ESS	Intro to Environmental Studies	3		
1020	ESS	Connections to the Environment and Sustainability Studies	1		
1045	GEOL	Earth Environment, Resources and Society	4		
3120/3130	BIOL	General Ecology (with or without lab)	3 or 4		
3710 or 4710	ESS or CHEM	Chemistry and the Environment	3		
3000	ESS	Intro to Environmental Law	3		
3900	HIST	Environmental History	3		
3070	MATH	Statistical Methods I	3		
3600	SOC	Environmental Sociology	3		
4120	AGBE	Natural Resource Economics	3		
4001	ESS	Capstone Experience Part I	3		
4002	ESS	Capstone Experience Part II	3		
Environmental Science Concentration REQUIRED (11 hrs)					
2300	AGRN	Soils	3		
3200	GEOL/GE	Water Resources	3		
2010	PHYS	Algebra-Based Physics	4		

Biology Option Core (16 hrs)			HRS	Grade	Enrolled
1010 or 1113	BIOL	Intro to Biology or General Biology I	4		
1123	BIOL	General Biology II	4		
2310	BIOL	General Botany	4		
3140 or 3200 or 3810	BIOL	Cellular Biology or General Microbiology or General Genetics	4		

English (9 hours)			HRS	Grade	Enrolled
1010	ENGL	English Composition I	3		
1020	ENGL	English Composition II	3		
2130, 2230, or 2330	ENGL	Sophomore Literature	3		
Science (8 hours)					
1010 or 1110	CHEM	Intro to Chemistry I or General Chemistry I	4		
1020	BIOL	Diversity of Life	4		
Mathematics (3 hours)					
1130 or 1830 or 1910	MATH	College Algebra or Applied Calculus or Calculus I	3 or 4		
Social/Behavioral Science Electives (6 hrs)					
1010	SOC	Intro to Sociology	3		
2010	ECON	Principals of Microeconomics	3		
History (6 hours)					
2010	HIST	Early United States History	3		
2020	HIST	Modern United States History	3		
Humanities/Fine Arts (6 hours)					
1030	PHIL	Intro to Philosophy	3		
From approved list- 1 course			3		
Communication (3 hours)					
2025 or 2026	COMM or PC	Fundamentals of Comm. Or Communication in the Professions	3		
Free Electives to total 120 hours (4-6 hrs)					

Directed Electives (12-13 hrs)					
One from each of the 4 approved lists					

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Directed Electives (12-13 hours)

Choose one of the following:

- AGHT 3450 Dendrology
- BIOL 3240 Field Botany
- BIOL 4330 Plant Ecology

Choose one of the following:

- GEOG 2000 Earth Evolution and Life History
- WFS 4500 National Wildlife Policy
- WFS 4730 Conservation Biology

Choose one of the following:

- BIOL 4130 Environmental Microbiology