

Name _____

ID # _____

Bachelor of Science
Environmental & Sustainability Studies - Environmental Technology
Concentration (120 hours)

Major Field Core - Required (37 - 38 hours)

			HRS	Grade	Enrolled
4120	AGBE/ ECON	Natural Resource Economics	3		
3120 or 3130	BIOL	General Ecology (with lab or non-lab)	3 or 4		
3710	ESS	Chemistry and the Environment	3		
3000	ESS	Intro to Environmental Law	3		
4001	ESS	Society and the Environment: Capstone Experience Part I	3		
4002	ESS	Society and the Environment: Capstone Experience Part II	3		
1045 or 1040	GEOL	Earth Environment, Resources & Society or Physical Geology	4		
3900 or 3200	HIST or ESS	Environmental History or Nonprofit Organizations and the Environment	3		
3070 or 4220	MATH or BIOL	Statistical Methods I or Biostatistics	3		
3600 or 4110	SOC or ESS	Environmental Sociology or Human Dimensions of Natural Resources	3		
2100	ESS	Environment and Ethics	3		
3100	ESS	Global Sustainability Issues & Initiatives	3		

Concentration (24 hours)

1920	MATH	Calculus II	4		
1120	CHEM	General Chemistry II	4		
3413	CEE	Environmental Engineering	3		
2010 or 2110	PHYS	Algebra-based Physics I or Calculus-based Physics I	4		
4510	GEOG	Theory of GIS I	3		
4511	GEOG	Theory of GIS II	3		
4300	GEOG	Environmental Management System	3		

Directed Electives (6 hours)

Choose two of the following:					
4410	CEE	Solid and Hazardous Waste Management	3		
4430	CEE	Water & Wastewater Engineering	3		
4450	CEE	Water Quality Modeling	3		
4900	ESS	Internship	3		
4210	GEOG	Cartography	3		
4650	GEOG	Environmental Applications of GIS	3		
4850	GEOG	Advanced GIS	3		
3200	GEOL/ GEOG	Water Resources	3		
4711	GEOL	Hydrogeology	3		
4093	ESS	Special Topics	3		

General Education (42 hours)

English (9 hours)

			HRS	Grade	Enrolled
1010	ENGL	English Composition I	3		
1020	ENGL	English Composition II	3		
2130 or 2235 or 2330	ENGL	Literature	3		

Communication (3 hours)

2025 or 2500	COMM or PC	Fundamentals of Communication or Communicating in the Professions	3		
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Humanities/Fine Arts (6 hours)

		Humanities/Fine Arts Elective	3		
		Humanities/Fine Arts Elective	3		

Environmental Studies (3 hours)

1100	ESS	Intro to Environmental Studies	3		
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Microeconomics (3 hours)

2010	ECON	Principles of Microeconomics	3		
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History (6 hours)

2010	HIST	Early United States History	3		
2020	HIST	Modern United States History	3		

Science (4 hours)

1110	CHEM	General Chemistry I	4		
1020	BIOL	Diversity of Life	4		

Mathematics (4 hours)

1910	MATH	Calculus I	4		
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Free Electives (10 - 11 hours)
