

Name \_\_\_\_\_

ID # \_\_\_\_\_

**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		
4710	CHEM	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 (27 hours)**

3000	AGRN	Soils	4		
2010	PHYS	Algebra-based Physics I	4		
3200	GEOL/ GEOG	Water Resources	3		
1120	CHEM	General Chemistry II	4		
3010	CHEM	Organic Chemistry I	4		
3020	CHEM	Organic Chemistry II	4		
3410	CHEM	Quantitative Analysis	4		

**Directed Electives (5 - 7 hours)****Choose two of the following:**

3230	AGRN	Environmental Soil Science	4		
4510	GEOG	Theory of GIS I	3		
4511	GEOG	Theory of GIS II	3		
4650	GEOG	Environmental Applications of GIS	3		
4220	AGRN	Environmental Soil Chemistry	3		
4840	BIOL	Limnology	3		
4850	BIOL	Applied Microbiology	3		
4500	WFS	National Wildlife Policy	3		
4730	WFS	Conservation Biology	3		
4720	CHEM	Advanced Environmental Chemistry	3		
4992 or 4993	CHEM	Undergraduate Research	2 or 3		
4093	ESS	Special Topics	3		
4900	ESS	Internship	3		
4300	ESS	Environmental Management System	3		
4300	GEOL	Environmental Aqueous Geochemistry	3		

**Bachelor of Science****Environmental & Sustainability Studies - Environmental Science  
Chemistry Concentration (120 hours)****General Education (41 - 42 hours)**

<b>English (9 hours)</b>			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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**Economics (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 (3 - 4 hours)**

1830 or 1910	MATH	Applied Calculus or Calculus I	3 or 4		
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**Free Electives (6-10 hours)**
