

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		
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 (12 hours)

1123	BIOL	General Biology II	4		
2310	BIOL	General Botany	4		
3140 or 3200 or 3810	BIOL	Cell Biology or General Microbiology or General Genetics	4		

Science Electives (6 - 8 hours)

Choose two of the following:

3000	AGRN	Soils	4		
3200	GEOG/ GEOL	Water Resources	3		
4510	GEOG	Theory of GIS I	3		
2010	PHYS	Algebra-based Physics I	4		

Free Electives (8 - 12 hours)

Bachelor of Science

Environmental & Sustainability Studies - Environmental Science Biology Concentration (120 hours)

General Education (41 - 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		
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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)

1010 or 1110	CHEM	Introductory Chemistry or General Chemistry I	4		
1113	BIOL	General Biology I	4		

Mathematics (3 - 4 hours)

1710 or 1830 or 1910	MATH	Pre-Calculus Algebra or Applied Calculus or Calculus I	3 or 4		
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Directed Electives (12 hours)

Choose four of the following:

3450	AHGT	Dendrology	3		
3240	BIOL	Field Botany	3		
3330	BIOL	Entomology	3		
4130	BIOL	Environmental Microbiology	3		
4170	BIOL	Population and Conservation Genetics	3		
4230	BIOL	Animal Behaviour	3		
4330	BIOL	Plant Ecology	3		
4610	BIOL	Invertebrate Zoology	3		
4630	BIOL	Ornithology	3		
4650	BIOL	Marine Biology	3		
4810	BIOL	Ichthyology	3		
4820	BIOL	Mammalogy	3		
4830	BIOL	Herpetology	3		
4840	BIOL	Limnology	3		
4850	BIOL	Applied Microbiology	3		
4730	WFS	Conservation Biology	3		