Ivaille	#							ESS/SCI/Chem (120 hours)						
ID#														
ESS Core (35-36 hrs)			HRS	Grade	Enrolled	[English (9 ho	ours)		HRS	Grade	Enre		
1100	ESS	Intro to Environmental Studies	3				1010	ENGL	English Composition I	3				
1020	ESS	Connections to the Environment and Sustainability Studies	1				1020	ENGL	English Composition II	3				
1045	GEOL	Earth Environment, Resources, and Society	4				2130, or 2230, or 2330	ENGL	Sophomore Literature	3				
3120 or	BIOL								Soprioritive Literature					
3130		General Ecology (with or without lab) Chemistry and the Environment	3 or 4				Science (8 h		General Chemistry I (instead of CHEM 1010)	Ι.		Г		
4710			3				1110	CHEM		4				
3000	ESS	Intro to Environmental Law	3				1020	BIOL	Diversity of Life	4	1			
3900	HIST	Environmental History	3			-	Mathematics	(3 hours)		3 or	1			
3070	MATH	Statistical Methods I	3			-	1830 or 1910	MATH	Applied Calculus or Calculus I	4				
3600	soc	Environmental Sociology	3				Social/Behavioral Science Electives (6 hrs)					Г		
4120	AGBE	Natural Resource Economics	3				1010	soc	Intro to Sociology	3				
4001	ESS	Capstone Experience Part I	3				2010	ECON	Principals of Microeconomics	3				
4002	ESS	Capstone Experience Part II	3											
						F	History (6 ho 2010	urs) HIST	Early United States History	3		_		
										Ť				
		Science Concentration REQUIRED (11 hrs)					2020	HIST	Modern United States History	3		_		
2300 3200	AGRN GEOG	Soils	3											
(3200)	(GEOL)	Water Resources	3			-	Humanities/F	Fine Arts (6	hours) *From approved list			Т		
2010	PHYS	Algrebra- Based Physics	4				1030	PHIL	Intro to Philosophy	3				
			1	1			From approve	ed list (1 cou	irse)	3				
Chemist	y Option Co	ore (22 hrs)												
1120	CHEM	General Chemistry II	4			F						1		
3010	CHEM	Organic Chemistry I	4				Communication (3 hours)							
3020	CHEM	Organic Chemistry II	4				2410 or 2500	COMM or PC	Fundementals of Comm. Or Communication in the Professions	3				
3410	CHEM	Quantitative Analysis	4											
3500	CHEM	Elements of Physical Chemistry	3				Free Electives to total 120 hours (3-7 hrs)							
4720	CHEM	Advanced Environmental Chemistry	3											
			Ì			-								
Directed	Electives (5	i-8 hrs)												
Two from	approved lis	st												
						-								
						-								
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Updated: 7/27/2018 Bachelor of Science

Environmental and Sustainability Studies (Environmental Science Concentration/

Directed Electives (6 to 8 hours)

Choose two of the following:

Choose two of the following:

GEOL 4100 Environmental Sedimentology (4)
GEOL 4650 Applied Geochemistry (4)
GEOL 4510 Theory of GIS I (3)
GEOL 4510 Theory of GIS I (3)
GEOL 4550 Environmental Apps of GIS (3)
AGRN 3230 Environmental Soil Science (4)
AGRN 4220 Environmental Soil Chem. (3)
BIOL 4130 Environmental Microbiology (3)
BIOL 4840 Limnology (3)
BIOL 4850 Applied Microbiology (3)
WFS 4730 Conservation Biology (3)
CHEM 4992 Undergraduate Research (2)