B.S. in Environmental Science 2018-2019: Option 1 - CWILT

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
ENS 104	4	GES 125 Introduction to the Creative Arts	4	Choose one:	4
& ENS 104D					
Environment and Humanity and Environment and					
Humanity Lab					
BIB 101 Introduction to the Bible	3			BIO 122	
				& BIO 122D	
				Introduction to Organismic Biology and Introduction to	
				Organismic Biology Lab	
GES 140 Introduction to Wellbeing	3	+		BIO 128	
GES 140 Introduction to Weilbeing				& BIO 128D	
				Integrative Biology: Metabolism, Energy, Biodiversity	
				and Integrative Biology: Metabolism, Energy,	
050 (001 - 0 - 1		4		Biodiversity Lab	
GES 160 Inquiry Seminar	3			GES 130 Christianity Western Culture	
				Major Area Elective	:
				Second Language (S) course*1	
	13		4		1
Second Year					
Fall	Credits	Interim	Credits	Spring	Credite
GEL 168	4	Elective	3	CHE 214	4
& GEL 168D				& CHE 215	
Geology and Geology Lab				(or BIO or CHE choice)*3 General Chemistry IIGeneral	
				Chemistry II Lab	
CHE 113	1			THE 201 Christian Theology	
& CHE 113D				The 201 Oninstian meetingy	
3 General Chemistry I and General Chemistry I Lab					
Electives		4		ENS 205L Sustainable Living	3
Electives					3
				World Cultures (U) course	
		I		Leisure and Lifetime Sports (Q) course	
				Elective	3
	15		3		17
Third Year		-			
Fall		Interim	Credits		Credits
Mathematics (M) course*2	3	ENS K Category course	3	ENS K Category course	3
BIO 330	4			ENS/BIO/CHE choice*3	4
& BIO 331					
(fall, odd years) Ecology, Ecology Lab					
ENS 201 Introduction to Geographic Information	3			Interpreting Biblical Themes (J) course	:
Systems					
ENS 399 Introduction to Research	1			Elective	
Comparative Systems (G) course	3			Cross-Cultural Experience (Z) course	0-3
Comparative Systems (S) course	14		3		13-16
Fourth Voor	14		3		13-16
Fourth Year	One dis	In tenting	0	Our sin a	0
Fall		Interim	Credits		Credits
ENS 481 Internship in Environmental Studies	3	Interim Off		ENS K Category course	
ENS 496 Research in Environmental Studies	1			ENS 498 Seminar in Environmental Studies	
ENS K Category course	3			ENS 499 Symposium	(
ENS/BIO/CHE choice*3	4			ENS/BIO/CHE choice*3	4
Elective	3			Contemporary Christian Issues (P) course	
				Elective	:
				Artistic Experience (A) course	0-3
	14		0		14-17
Total Credits 125-131	14				

 Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)
 Strongly recommended that students take PSY 230M Introduction to Statistical Methods and Experimental Design to meet the general education requirement in Mathematics. 3. Choose CHE 113/CHE 113D & CHE 214/CHE 215 (OR) CHE 208/CHE 208D & BIO/CHE elective.

This program assumes a student will use ENS 104D and ENS 205L, and a K category elective to meet the general education requirements for Laboratory Science, Contemporary Western Life and Thought, and Science, Technology, and Society.

Most financial aid packages stipulate 12 credits/semester; Minnesota state grants are reduced when credit load falls below 15 credits/semester. (Interim credits may be split between fall and spring for state grant purposes only.)

B.S. in Environmental	Science 2018-2019: 0	Option 2 - Humanities
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First Year	1.0.11	• · ·		- ·	1
Fall		Interim	Credits		Credit
ENS 104	4	GES 147 Humanities II: Renaissance and Reformation	4	Choose One:	
& ENS 104D					
Environment and Humanity and Environment and					
Humanity Lab					
GES 145 Humanities I: Greco-Roman through Middle	4			BIO 122	
Ages				& BIO 122D	
5				Introduction to Organismic Biology and Introduction to	
				Organismic Biology Lab	
BIB 101 Introduction to the Bible	3			BIO 128	
				& BIO 128D	
				Integrative Biology: Metabolism, Energy, Biodiversity	
				and Integrative Biology: Metabolism, Energy,	
				Biodiversity Lab	
GES 140 Introduction to Wellbeing	3			GES 244 Humanities III: European Enlightenment and	
•				American Culture to 1877	
				Major Area Elective	
				Second Language (S) course*1	
	14		4	Course I	1
Second Year	1 14		4		<u> </u>
Fall	Credite	Interim	Credits	Caring	Credit
					Credit
GEL 168	4	Elective		CHE 214	
& GEL 168D				& CHE 215	
Geology and Geology Lab				(or BIO or CHE choice)3General Chemistry IIGeneral	
				Chemistry II Lab	
CHE 113	4			ENS 205L Sustainable Living	
& CHE 113D				•	
3 General Chemistry I and General Chemistry I Lab					
GES 246 Humanities IV: Modern and Contemporary	4			World Cultures (U) course	:
Western Culture					
Elective	4				:
Elective	4			Mathematics (M) course*2	
	1	I	1 .	Elective	
	16		3		1
Third Year					
Fall	Credits	Interim	Credits		Credit
BIO 330		ENS K Category course	2	ENS K Category course	
DIO 330	4		5	LING IN Calegory course	
	4		5	LING IN Calegory course	
& BIO 331	4		5		
& BIO 331 (fall, odd years) Ecology, Ecology Lab			5		
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information	3		5	ENS/BIO/CHE choice*3	
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems			5	ENS/BIO/CHE choice*3	
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research	3			ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course	
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course	3			ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective	
KBO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course	3 1 3 1			ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course	0-:
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course	3		3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective	0-: 14-1
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year	3 1 3 1 1 1 2		3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course	0- 14-1
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall	3 3 1 3 1 1 12 12 Credits	Interim		ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course Spring	0-
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall	3 3 1 3 1 1 12 12 Credits		3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course Spring ENS K Category course	0- 14-1
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall ENS 481 Internship in Environmental Studies	3 3 1 3 1 1 12 12 Credits	Interim	3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course Spring ENS K Category course	0- 14-1 Credit
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall ENS 481 Internship in Environmental Studies ENS 496 Research in Environmental Studies	3 1 3 1 1 12 12 5 7 7 1	Interim Off	3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course Spring ENS K Category course ENS 498 Seminar in Environmental Studies	0- 14-1 Credit
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall ENS 481 Internship in Environmental Studies ENS 496 Research in Environmental Studies ENS 476 Atagory course	3 1 1 12 Credits 3 1 1 3	Interim Off	3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course Spring ENS K Category course ENS 498 Seminar in Environmental Studies ENS 499 Symposium	0- 14-1 Credit
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall ENS 481 Internship in Environmental Studies ENS 496 Research ENS 496 Research in Environmental Studies ENS 496 Research in Environmental Studies ENS 496 Research in Environmental Studies ENS/BIO/CHE choice*3	3 1 1 3 3 1 1 2 2 2 3 3 1 1 3 3 4	Interim Interim Off	3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course Spring ENS K Category course ENS K 498 Seminar in Environmental Studies ENS 499 Symposium ENS/BIO/CHE choice*3	0- 14-1
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall ENS 481 Internship in Environmental Studies ENS 496 Research in Environmental Studies	3 1 1 12 Credits 3 1 1 3	Interim Interim Off	3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course ENS K Category course ENS 498 Seminar in Environmental Studies ENS 499 Symposium ENS/BIO/CHE choice*3 Contemporary Christian Issues (P) course	0- 14-1 Credit
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall ENS 481 Internship in Environmental Studies ENS 496 Research in Environmental Studies ENS 496 Research in Environmental Studies ENS K Category course ENS/BIO/CHE choice*3	3 1 1 3 3 1 1 2 2 2 3 3 1 1 3 3 4	Interim Interim Off	3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course ENS K Category course ENS 498 Seminar in Environmental Studies ENS 499 Symposium ENS HO/CHE choice*3 Contemporary Christian Issues (P) course Elective	0- 14-1 Credit
& BIO 331 (fall, odd years) Ecology, Ecology Lab ENS 201 Introduction to Geographic Information Systems ENS 399 Introduction to Research Comparative Systems (G) course Leisure and Lifetime Sports (Q) course Fourth Year Fall ENS 481 Internship in Environmental Studies ENS 496 Research ENS 496 Research in Environmental Studies ENS 496 Research in Environmental Studies ENS 496 Research in Environmental Studies ENS/BIO/CHE choice*3	3 1 1 3 3 1 1 2 2 2 3 3 1 1 3 3 4	Interim Off	3	ENS/BIO/CHE choice*3 Interpreting Biblical Themes (J) course Elective Cross-Cultural Experience (Z) course ENS K Category course ENS 498 Seminar in Environmental Studies ENS 499 Symposium ENS/BIO/CHE choice*3 Contemporary Christian Issues (P) course	0- 14-1 Credit

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3. Choose CHE 113/CHE 113D & CHE 214/CHE 215 (OR) CHE 208/CHE 2080 & BIO/CHE elective. This program assumes a student will use ENS 104D and ENS 205L, and a K category elective to meet the general education requirements for Laboratory Science, Contemporary Western Life and Thought, and Science, Technology, and Society.

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