Department:	**Environmental Sciences**
Course Plan to Complete a:	***B.S. Environmental Sciences***

Environmental Sciences, B.S. (Catalogue)

Year 1							
Fall				***Spring***			
Prefix	*Course #*	*Course Name (catalogue)*	*Credits*	*Prefix*	*Course #*	*Course Name (catalogue)*	*Credits*
ENSC	001	SU: Introduction to Environmental Science	4	CHEM	032	General Chemistry II	4
MATH	019	Fundamentals of Calculus 1	3	MATH	020	Fundamentals of Calculus II	3
CHEM	031	General Chemistry 1	4			Distribution	3
		TAP Seminar	3			Distribution	3
						D1 Diversity	3
			14				16
Year 2							
Fall				***Spring***			
Prefix	*Course #*	*Course Name (catalogue)*	*Credits*	*Prefix*	*Course #*	*Course Name (catalogue)*	*Credits*
CHEM	141 or 042	Organic Chemistry	4	BCOR	012	Exploring Biology II	4
BCOR	011	Exploring Biology 1	4	ENSC	130	Global Environmental Assessment	3
GEOL *or* PSS	055 161	Environmental Geology Fundamentals of Soil Science	4	*One of: BCOR 102, CHEM 142, CHEM 144, or GEOL 110			4
						Distribution	3
		D2 - Diversity (Non-European Cultures Course)	3				
			15				14
Year 3							
Fall				***Spring***			
Prefix	*Course #*	*Course Name (catalogue)*	*Credits*	*Prefix*	*Course #*	*Course Name (catalogue)*	*Credits*
ENSC	160	Pollutant Movement	4	XXX	1XX	ENSC Focus Track Elective[‡]	3
**One of STAT 141, STAT 211, or NR 140			3			Distribution	3
XXX	1XX	ENSC Focus Track Elective[‡]	3			Distribution	3
		Distribution	3			Elective	3
		Elective	3			Elective	3
			16				15
Year 4							
Fall				*Spring*			
Prefix	*Course #*	*Course Name (catalogue)*	*Credits*	*Prefix*	*Course #*	*Course Name (catalogue)*	*Credits*
XXX	1XX	ENSC Focus Track Elective[‡]	3	ENSC	195	Research	3
ENSC	185	Internship	3	XXX	1XX	ENSC Focus Track Elective[‡]	3
		Elective	3			Elective	3
		Elective	3			Elective	3
		Elective	3			Elective	3
			15				15

NOTES:

Nine FOCUS TRACKS from which to select, in consultation with ENSC advisor:

Agriculture and the Environment
Conservation Biology and Biodiversity
Ecological Design
Environmental Analysis and Assessment
Environmental Biology
Environmental Geology
Global Environmental and Climate Change
Water Resources

***CORE 100-level Requirement (choose one):**

BCOR 102- SU: Ecology and Evolution (required for Environmental Biology Focus Track);
CHEM 142-Organic Chemistry 2;
CHEM 144-Organic Chemistry For Majors 2;
or GEOL 110-SU:Earth Materials (required for Environmental Geology Focus Track)

**STAT 141-Basic Statistical Methods; STAT 211-Statistical Methods 1; NR 140-Applied Environ Statistics

[‡]XXX 14-17 credits of advanced course work in BIOL, GEOL,CHEM, PBIO, GEOG, PSS, WFB, CDAE, NR in one of the eight Focus Tracks chosen in consultation with advisor.

Distribution Requirements: B.S. degrees in the College of Arts and Sciences will be required to complete the following:

Natural Sciences: two courses with labs from specific departments, as defined by the major.
Mathematical Sciences: Two courses as defined by the major requirements.
Social Sciences: Two 3-credit courses in social science disciplines.
● *In addition, B.S. degree students are required to complete course in TWO of the following THREE categories:*
Fine Arts disciplines and Literature disciplines (two courses- one course in each area)
Foreign Language: two courses in the same foreign language
Humanities: two 3-credit courses in a humanities discipline

General Requirements:

One Diversity Category 1 course – minimum 3 credits
One Diversity Category 2 course from list of D2 Non-European Cultures courses – minimum 3 credits
One Sustainability Category course - minimum 3 credits
One Writing and Information Literacy course– minimum 3 credits
One Quantitative Reasoning course-minimum 3 credits

>>A TAP course will satisfy UVM's Writing and Information Literacy requirement and might also count toward a distribution.
>>>Sustainability courses and Diversity courses might also count toward a distribution.
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