Department:	**Chemistry**
Course Plan to Complete a:	**B.A. Chemistry**

Chemistry, B.A. (Catalogue)

Year 1							
Fall				***Spring***			
Prefix	*Course #*	*Course Name (catalogue)*	*Credits*	*Prefix*	*Course #*	*Course Name (catalogue)*	*Credits*
CHEM	047	Organic Chemistry for Majors 1	4	CHEM	048	Organic Chemistry for Majors 2	4
CHEM	051	Exploring Chemistry 1	1	CHEM	052	Exploring Chemistry 2	1
MATH	021	Calculus I	4	MATH	022	Calculus II	4
		TAP Seminar	3			D1 Diversity/Distribution	3
		Distribution	3			Distribution	3
			15				15
Year 2							
Fall				***Spring***			
Prefix	*Course #*	*Course Name (catalogue)*	*Credits*	*Prefix*	*Course #*	*Course Name (catalogue)*	*Credits*
CHEM	121	Quantitative Analysis	4	CHEM	114	Advanced Synthesis Techniques	3
CHEM	181	2nd Year Seminar: Writing	1	CHEM	182	2nd Year Seminar: Presentations	1
PHYS	051	Fundamentals of Physics 1	4	PHYS	152	Fundamentals of Physics II	4
		Distribution/Sustainability	3			D2 - Diversity (Non-European Cultures Course)	3
		Elective	3			Minor	3
			15				14
Year 3							
Fall				***Spring***			
Prefix	*Course #*	*Course Name (catalogue)*	*Credits*	*Prefix*	*Course #*	*Course Name (catalogue)*	*Credits*
CHEM	165	Introductory Physical Chemistry	3			Upper-level science elective	3
CHEM	231	Advanced Inorganic Chemistry	3			Upper-level science elective	3
		Distribution	3			Elective	3
		Distribution	3			Elective	3
		Elective	3			Minor	3
			15				15
Year 4							
Fall				*Spring*			
Prefix	*Course #*	*Course Name (catalogue)*	*Credits*	*Prefix*	*Course #*	*Course Name (catalogue)*	*Credits*
CHEM	199	Professional Development	1			Upper-level science elective	3
		Upper-level science elective	3			Distribution	3
		Minor	3			Minor	3
		Distribution	3			Minor	3
		Elective	3			Elective	3
		Elective	3				
			16				15

Notes:

12 credits in upper-level science electives are chosen by the student from a pre-approved list, in consultation with their academic advisor

CHEM 291 (Chemistry Research) is encouraged but not required for the B.A.

SUBSTITUTIONS:

CHEM 031/032 (General Chemistry 1 and 2) for CHEM 051/052

CHEM 141/142 (Organic Chemistry 1 and 2) for CHEM 047/048-- however, CHEM 031/032 are pre-requisites for CHEM 141/142

Distribution Requirements: B.A. degrees in the College of Arts and Sciences require completion of 7 distribution categories:

Fine Arts: one 3-credit course in a fine arts discipline

Foreign Language: two 3- or 4-credit courses in the same foreign language

Humanities: two 3-credit courses in a humanities discipline

Natural Sciences: two courses from specific departments; one course must include a lab

Literature: One 3-credit course in literature

Mathematical Sciences: One math course number 17 or higher, or Statistics 51 or higher, or Computer Science 008 or higher, or Philosophy 13.

Social Sciences: Two 3-credit courses in social science disciplines

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

>>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.

*updated link 8/22/18