

2017-18 Degree Plan

Chemistry, BS

College of Arts & Sciences: Department of Chemistry and Chemical Biology (4 Year

Plan)				
Term 1	Hours Towards Degree: 16	Hours	Minimum Grade	Notes
	CHEM 121: General Chemistry I	3	C	
	CHEM 123L: General Chemistry I Lab	1	C	
	MATH 123: Trigonometry	3	C	
	MATH 150: Pre-Calculus Mathematics	3	C	
	ENGL 110: Composition 1: Exposition	3	C	
	Freshman Academic Choice	3	D-	
	Term Hours:	16		
Term 2	Hours Towards Degree: 30	Hours	Minimum Grade	Notes
	CHEM 122: General Chemistry II	3	C	
	CHEM 124L: General Chemistry II Lab	1	C	
	MATH 162: Calculus I	4	C	
	ENGL 120: Composition III	3	C	
	Social and Behavioral Science	3	C	
	Term Hours:	14		
Term 3	Hours Towards Degree: 45	Hours	Minimum Grade	Notes
	CHEM 253L: Quantitative Analysis	4	C	
	MATH 163: Calculus II	4	C	
	ENGL 219: Technical Writing	3	C	
	PHYC 160: General Physics I	3	C	
	PHYC 160L: General Physics Laboratory	1	C	
	Term Hours:	15		
Term 4	Hours Towards Degree: 60	Hours	Minimum Grade	Notes
	CHEM 311: Physical Chemistry	3	C	
	CHEM 301: Organic Chemistry I	3	C	
	CHEM 303L: Organic Chemistry Lab I	1	C	
	MATH 264: Calculus III	4	C	
	PHYC 161: General Physics II	3	C	
	PHYC 161L: General Physics Laboratory	1	C	
	Term Hours:	15		

Term 5	Hours Towards Degree: 76	Hours	Minimum Grade	Notes
	CHEM 312: Physical Chemistry	3	C	
	CHEM 302: Organic Chemistry	3	C	
	CHE 304L: Organic Chemistry Laboratory	1	C	
	MATH 311 or MATH 314 or MATH 316	3	C	
	Social and Behavioral Science	3	C	
	Upper Division Elective	3	D-	
Term Hours:		16		

Term 6	Hours Towards Degree: 90	Hours	Minimum Grade	Notes
	CHEM 411L: Laboratory Methods In Physical Chemistry	3	C	
	CHEM Elective	4	C	
	Humanities	3	B	
	Upper Division Elective	3	D-	
	Upper Division Elective	1	D-	
Term Hours:		14		

Term 7	Hours Towards Degree: 104	Hours	Minimum Grade	Notes
	CHEM 431: Advanced Inorganic Chemistry	3	C	
	CHEM ELECTIVE	4	C	
	Upper Division Elective	3	D-	
	Upper Division Elective	1	D-	
	Humanities	3	C	
Term Hours:		14		

Term 8	Hours Towards Degree: 120	Hours	Minimum Grade	Notes
	CHEM 453L: Analytical Instrumentation: Theory and Application	4	C	
	Upper Division Elective	3	D-	
	Upper Division Elective	3	D-	
	Fine Arts	3	C	
	Second Language	3	C	
Term Hours:		16		

Crucial course: **1** (A crucial course is a predictor for success in obtaining this degree. It should be taken in the term indicated in order to ensure timely progress to graduation.)

Degree Plan Notes

- Keep in mind that minimum grades on road map are for individual coursework only. Students must maintain a minimum of a 2.0 cumulative grade point average for admission to and graduation from the College of Arts and Sciences. Minimums listed for the individual courses do NOT meet the cumulative minimum.
- BS Chemistry majors have a distributed minor complete with the addition of English 219 and one additional math from 311, 314, 316 to the already required supportive course work.
- Choosing English 219 as the third W/S core course will allow students to also use this course for part of the distributed minor.