

# 2015-16 Degree Plan


## Chemistry, BA

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

Term 1	Hours Towards Degree: 14	Hours	Minimum Grade	Notes
CHEM 121: General Chemistry I along with CHEM 123L: General Chemistry I Laboratory or CHEM 131L: Principals of Chemistry		4	C	
MATH 162: Calculus I or MATH 180: Elements of Calculus I		4	C	
ENGL 110: Composition 1: Exposition		3	C	
Humanities or Social Behavioral Science		3	C	
<b>Term Hours:</b>		<b>14</b>		
Term 2	Hours Towards Degree: 31	Hours	Minimum Grade	Notes
CHEM 122: General Chemistry II along with CHEM 124L: General Chemistry II Laboratory or CHEM 132L: Principals of Chemistry		4	C	
MATH 163: Calculus II or MATH 181: Elements of Calculus II		4	C	
ENGL 120: Composition III		3	C	
Minor		3	C	
Second Language		3	C	
<b>Term Hours:</b>		<b>17</b>		
Term 3	Hours Towards Degree: 45	Hours	Minimum Grade	Notes
CHEM 301: Organic Chemistry I		3	C	
CHEM 303L: Organic Chemistry Lab I		1	C	
Minor		3	C	
PHYC 151: General Physics		3	C	
PHYC 151L: General Physics Laboratory		1	C	
CJ 130 or PHIL 156 or ENGL 219 or ENGL 220		3	C	
<b>Term Hours:</b>		<b>14</b>		
Term 4	Hours Towards Degree: 59	Hours	Minimum Grade	Notes
CHEM 302: Organic Chemistry II		3	C	
CHEM 304L: Organic Chemistry Lab II		1	C	
Minor		3	C	
PHYC 152: General Physics		3	C	
PHYC 152L: General Physics Laboratory		1	C	
Humanities or Social Behavioral Science		3	C	
<b>Term Hours:</b>		<b>14</b>		
Term 5	Hours Towards Degree: 75	Hours	Minimum Grade	Notes
CHEM 253L: Quantitative Analysis		4	C	
CHEM 421: Biological Chemistry		3	C	
Minor		3	C	
Humanities or Social and Behavioral Science		3	C	
2nd Major or Upper Division Elective		3	C	
<b>Term Hours:</b>		<b>16</b>		
Term 6	Hours Towards Degree: 91	Hours	Minimum Grade	Notes
CHEM 315: Introductory Physical Chemistry		3	C	
CHEM 425: Organic Chemistry of Biological Pathways		3	C	
CHEM 496: Undergraduate Problems		1	C	
Minor		3	C	
2nd Major or Upper Division Elective		6	C	
<b>Term Hours:</b>		<b>16</b>		

<b>Term 7</b>	Hours Towards Degree: 107	Hours	Minimum Grade	Notes
	CHEM 495: Undergraduate Problems	1	C	
	Minor	3	C	
	2nd Major or Upper Division Elective	12	C	
	<b>Term Hours:</b>	<b>16</b>		

<b>Term 8</b>	Hours Towards Degree: 120	Hours	Minimum Grade	Notes
	CHEM 496: Undergraduate Problems	1	C	
	2nd Major or Upper Division Elective	6	C	
	Fine Arts Core	3	C	
	Elective any level	3	D-	
	<b>Term Hours:</b>	<b>13</b>		

**Crucial course:**  (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.
- Choosing English 219 as the third W/S core course will allow students to also use this course for part of the distributed minor.

#### CJ 130 or PHIL 156 or ENGL 219 or ENGL 220s

ENGL 219: Tech & Professional Writing

ENGL 220: Expository Writing

PHIL 156: Reasoning & Critical Thinking

CJ 130: Public Speaking