

**2016-2017 Program Map – BS Chemistry (pre-calc start)  
ACS BIOCHEMISTRY Track**

<b>YEAR 1</b>			
<b>TERM 1</b>		<b>TERM 2</b>	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
ENGL 1101	3	ENGL 1102	3
MATH 1113	4	MATH 1634	4
CHEM 1211/1211L	4	CHEM 1212/1212L	4
BIOL 1107/1107L*	4	BIOL 1108/1108L*	4
<b>SEMESTER TOTAL</b>	<b>15</b>	<b>SEMESTER TOTAL</b>	<b>15</b>
<b>Milestones</b>		<b>Milestones</b>	
<ul style="list-style-type: none"> <li>• Complete ENGL 1101 C or better</li> <li>• Complete science and math courses B or better</li> </ul>		<ul style="list-style-type: none"> <li>• Complete ENGL 1102 C or better</li> <li>• Complete science and math courses B or better</li> <li>• * courses may be taken over summer of Year 1</li> </ul>	
<b>YEAR 2</b>			
<b>TERM 1</b>		<b>TERM 2</b>	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
CHEM 2411/2411L	4	CHEM 3422/3422L	4
PHYS 2211/2211L	4	PHYS 2212/2212L	4
CHEM 3310K*	4	CHEM 2130	1
MATH 2644	4	MATH 3303	3
		BIOL 3134/3134L*	4
<b>SEMESTER TOTAL</b>	<b>16</b>	<b>SEMESTER TOTAL</b>	<b>16</b>
<b>Milestones</b>		<b>Milestones</b>	
<ul style="list-style-type: none"> <li>• Complete science and math courses B or better</li> </ul>		<ul style="list-style-type: none"> <li>• Complete Organic Chemistry I and II, Physics I and II and math courses B or better</li> <li>• * courses may be taken over summer of Year 2</li> </ul>	
<b>YEAR 3</b>			
<b>TERM 1</b>		<b>TERM 2</b>	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
CHEM 3521	3	CHEM 3522	3
CHEM 4711	3	CHEM 4712 or 4720L	3
BIOL Elective	4	CORE B1 or C or E	3
CORE B1 or C or E	3	CORE B1 or C or E	3
CHEM 4083	1	CHEM 4083	1
Core B2	1		
<b>SEMESTER TOTAL</b>	<b>15</b>	<b>SEMESTER TOTAL</b>	<b>13</b>
<b>Milestones</b>		<b>Milestones</b>	
<ul style="list-style-type: none"> <li>• Complete science and math courses B or better</li> </ul>		<ul style="list-style-type: none"> <li>• Complete science and math courses B or better</li> <li>• Complete two semesters CHEM 4083</li> </ul>	

This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements.

YEAR 4			
TERM 1		TERM 2	
Course	Credits	Course	Credits
Chem elective	3	CHEM 4330K	4
CHEM 4611	3	CHEM 4913L	2
CHEM 3550L	2	CHEM 4712 or 4720L	2
CORE B1 or C or E	2	CORE B1 or C or E	3
CORE B1 or C or E	3	CORE B1 or C or E	3
CHEM 4083	1	CHEM 4083	1
		CHEM 4084	1
SEMESTER TOTAL	14	SEMESTER TOTAL	16
Milestones		Milestones	
<ul style="list-style-type: none"> <li>Complete science and math courses B or better</li> </ul>		<ul style="list-style-type: none"> <li>Complete all CHEM courses B or better</li> <li>Complete 4 credit hours of research (CHEM 4083)</li> <li>Complete thesis and oral presentation (CHEM 4084)</li> </ul>	

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