

<b>NEW ACS Track</b>				
<b>Organic Chemistry Focus – BS Chemistry (pre-calc start)</b>				
<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
Core B1 or C or E	3		Core B1 or C or E	3
CORE B2	1			
SEMESTER TOTAL	15		SEMESTER TOTAL	14
<b>Milestones</b>			<b>Milestones</b>	
<ul style="list-style-type: none"> <li>Complete ENGL 1101 C or better</li> <li>Complete MATH 1113 and CHEM 1211 B or better</li> </ul>			<ul style="list-style-type: none"> <li>Complete ENGL 1102 C or better</li> <li>Complete Chemistry I and II, MATH 1634 B or better</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>
MATH 2644	4		CHEM 3422/3422L	4
CHEM 2411/2411L	4		PHYS 2212/2212L	4
CHEM 2130	1		CORE B1 or C or E	3
PHYS 2211/2211L	4		CORE B1 or C or E	3
CORE B1 or C or E	3			
SEMESTER TOTAL	16		SEMESTER TOTAL	14
<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> </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 3310K*	4		CHEM 4330K	4
CHEM 35XX	3		CHEM 35XX	3
CHEM 4083	1		CHEM 4083	1
CORE B1 or C or E	3		CHEM 4610	3
CHEM 4485 or 4685	3		SCIENCE ELECTIVE	3
SCIENCE ELECTIVE	3			
SEMESTER TOTAL	17		SEMESTER TOTAL	14
<b>Milestones</b>			<b>Milestones</b>	
<ul style="list-style-type: none"> <li>Complete science and math courses B or better</li> <li>* CHEM 3310K may be taken in Year 2 summer</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 4711	3	CHEM 4083	1
CHEM 3550L	2	CHEM 4913L	2
CHEM 4083	1	CHEM 4084	1
CHEM 4485 or 4685	3	CHEM ELECTIVE	3
CORE B1 or C or E	3	SCIENCE ELECTIVE	3
ELECTIVE	3	SCIENCE ELECTIVE	3
		ELECTIVE	2-3
SEMESTER TOTAL	15	SEMESTER TOTAL	15
<b>Milestones</b>		<b>Milestones</b>	
<ul style="list-style-type: none"> <li>Complete all CHEM 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>	

**For Chemistry Electives:**

- 1) Students are required to take Advanced Organic Chemistry (CHEM 4485) and Spectroscopy (CHEM 4685).

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