

NEW ACS Track				
Physical/Analytical Chemistry Focus – BS Chemistry (pre-calc start)				
YEAR 1				
TERM 1			TERM 2	
Course	Credits		Course	Credits
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
Milestones			Milestones	
<ul style="list-style-type: none"> Complete ENGL 1101 C or better Complete MATH 1113 and CHEM 1211 B or better 			<ul style="list-style-type: none"> Complete ENGL 1102 C or better Complete Chemistry I and II, MATH 1634 B or better 	
YEAR 2				
TERM 1			TERM 2	
Course	Credits		Course	Credits
MATH 2644	4		CHEM 3422/3422L	4
CHEM 2411/2411L	4		PHYS 2212/2212L	4
CHEM 2130	1		MATH 2654	4
PHYS 2211/2211L	4		B1 or C or E	3
Core B1 or C or E	3			
SEMESTER TOTAL	16		SEMESTER TOTAL	15
Milestones			Milestones	
<ul style="list-style-type: none"> Complete science and math courses B or better 			<ul style="list-style-type: none"> Complete Organic Chemistry I and II, Physics I and II and math courses B or better 	
YEAR 3				
TERM 1			TERM 2	
Course	Credits		Course	Credits
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
MATH 3303	3		Core B1 or C or E	3
Free Elective	1-3		CHEM/MATH/PHYS ELECTIVE	3
SEMESTER TOTAL	15		SEMESTER TOTAL	17
Milestones			Milestones	
<ul style="list-style-type: none"> Complete science and math courses B or better * CHEM 3310K may be taken in Year 2 summer 			<ul style="list-style-type: none"> Complete science and math courses B or better 	

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 35XX	3	CHEM/MATH/PHYS ELECTIVE	3
CORE B1 or C or E	3	CHEM ELECTIVE	3
CHEM 4685 (Spectroscopy)	3	CHEM/MATH/PHYS ELECTIVE	3
SEMESTER TOTAL	15	SEMESTER TOTAL	13
Milestones		Milestones	
<ul style="list-style-type: none"> Complete all CHEM courses B or better 		<ul style="list-style-type: none"> Complete all CHEM courses B or better Complete 4 credit hours of research (CHEM 4083) Complete thesis and oral presentation (CHEM 4084) 	

Recommended Math Electives: Linear Algebra, Partial Differential Equations, Statistics, Operations Research, or Applied Mathematical Modeling.

Recommended Physics Electives: E&M, Modern Physics, Mechanics, Mathematical Physics, Computational Physics.

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