

**DEPARTMENT OF CHEMISTRY**  
**CHEMISTRY FOR THE HEALTH PROFESSIONS CURRICULUM**

Fall Semester		Spring Semester	
Course	Course Name	Course	Course Name
CHEM-101	General Chemistry I	CHEM-102	General Chemistry II
ENGL-101	English Composition I (C)	ENGL-102	English Comp. II (C)
xx-xxx	History Elective (B/AtC)	xx-xxx	Arts/Humanities Elective (B/AtC)
BIOL-101	General Biology I (B)	BIOL-102	General Biology II (B)
CHEM-191	University Seminar I (C)	CHEM-192	University Seminar II (C)
		MVSC-101	Fitness and Wellness (C)
	<b>Total Credit Hours: 15</b>		<b>Total Credit Hours: 17</b>

Fall Semester		Spring Semester	
Course	Course Name	Course	Course Name
CHEM-210	Organic Chemistry I	CHEM-211	Organic Chemistry II
BIOL-215	Cell Biology	PSYC-201	Introduction to General Psychology (B)
MTSC-251	Calculus I (B)	MTSC-252	Calculus II (AtC)
SCCJ-101	Introduction to Sociology (B)	BIOL-210	Genetics
	<b>Total Credit Hours: 15</b>		<b>Total Credit Hours: 15</b>

Fall Semester		Spring Semester	
Course	Course Name	Course	Course Name
CHEM-305	Analytical Chemistry	PHYS-202	General Physics II
PHYS-201	General Physics I (B)	OR	
PHYS-211	Fundamentals of Physics I (B)	PHYS-212	Fundamentals of Physics II
CHEM-403	Biochemistry	PHIL-202	Ethics OR
BIOL-3xx	Advanced Biology Elective (300 level or higher) OR	OR	
GLOB-395	Global Societies (C)	BIOL-322	BioEthics
		MTSC-241	Statistics
		BIOL-3xx	Advanced Biology Elective (300 level or higher) OR
		OR	
		GLOB-395	Global Societies (C)
		ENGL-200	Speech (C)
	<b>Total Credit Hours: 15</b>		<b>Total Credit Hours: 16</b>

Fall Semester		Spring Semester	
Course	Course Name	Course	Course Name
CHEM-303	Physical Chemistry I	CHEM-306	Instrumental
CHEM-407/8	Seminar in Chemistry	CHEM-308	Inorganic
ENGL-xxx	Literature Elective (B/AtC)	xx-xxx	Elective
xx-xxx	Elective	CHEM-3xx	Elective (300 level or higher)
CHEM-405	*Independent Study & Research		
	<b>Total Credit Hours: 14</b>		<b>Total Credit Hours: 14</b>

\*Capstone

**Key Codes:**

(C) Core Course  
(B) Breadth Course  
(AtC) Across the Curriculum

(S) Spring Only Course  
(F) Fall Only Course  
(E) Even Years  
(O) Odd Years

<b>Total Credits: 121</b>
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