

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)
		KINE-101	Fitness and Wellness (C)
	Total Credit Hours: 15		Total Credit Hours: 17

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
	Total Credit Hours: 15		Total Credit Hours: 15

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	
OR		PHYS-212	Fundamentals of Physics II
PHYS-211	Fundamentals of Physics I (B)	PHIL-202	Ethics OR
CHEM-403	Biochemistry	OR	
BIOL-3xx	Advanced Biology Elective (300 level or higher) OR	PHIL-322	BioEthics
OR		MTSC-241	Statistics
GLOB-395	Global Societies (C)	BIOL-3xx	Advanced Biology Elective (300 level or higher) OR
		OR	
		GLOB-395	Global Societies (C)
		ENGL-200	Speech (C)
	Total Credit Hours: 15		Total Credit Hours: 16

Fall Semester		Spring Semester	
Course	Course Name	Course	Course Name
CHEM-303	Physical Chemistry I	CHEM-306	Instrumental Analysis
CHEM-407/8	Seminar in Chemistry	CHEM-308	Inorganic Chemistry
ENGL-xxx	Literature Elective (B/AtC)	CHEM-304	Physical Chemistry II
CHEM-469	Polymer Chemistry (C)	CHEM-3xx	Elective (300 level or higher)
CHEM-405	*Independent Study & Research		
	Total Credit Hours: 14		Total Credit Hours: 14

*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

Total Credits: 121

Breadth & AtC Requirements	Course(s)
History (African American Experience/Multicultural)	
Literature (African American Experience/Multicultural)	
Social Science	PSYC 201
Arts/Humanities Elective 1 (African American Experience/Multicultural)	
Arts/Humanities Elective 2 (African American Experience/Multicultural)	
African American Experience (History/Literature/Art/Free Elective)	
Multicultural 1 (History/Literature/Social Science/Art/Free Elective)	Intro to Sociology
Multicultural 2 (History/Literature/Social Science/Art/Free Elective)	
Reading/Speaking/Listening Across-the-Curriculum	CHEM 407/408
Self-Evaluation	PSYC 201
Wellness	PSYC 201
Information Literacy	CHEM 460
Computer Competency	CHEM 460
Writing in Major	CHEM 460
Quantitative Reasoning	CHEM 303/304 and CHEM 305
Global Issues	CHEM 406
Critical Thinking/Problem Solving Issues	CHEM 305