

**DEPARTMENT OF CHEMISTRY
CHEMISTRY 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)
MTSC-251	Calculus I (B/AtC)	MTSC-252	Calculus II
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 (F)	CHEM-211	Organic Chemistry II (S)
CHEM-305	Analytical Chemistry (F)	PSYC-201	Introduction to General Psychology (B)
PHYS-201 OR	General Physics I (B)	PHYS-202 OR	General Physics II
PHYS-211	Fundamentals of Physics I (B)	PHYS-212	Fundamentals of Physics II
xx-xxx	Arts/Humanities Elective (B)	ENGL-200	Speech (C)
Total Credit Hours: 15		Total Credit Hours: 14	

Fall Semester		Spring Semester	
Course	Course Name	Course	Course Name
CHEM-303	Physical Chemistry I (F)	CHEM-304	Physical Chemistry II (S)
GLOB-395	Global Societies (C)	CHEM-306	Instrumental Analysis (S)
CHEM-403	Biochemistry (F)	CHEM-308	Inorganic Chemistry (S)
ENGL-2xx	Literature Elective (B/AtC)	xx-xxx	Elective
Total Credit Hours: 14		Total Credit Hours: 15	

Fall Semester		Spring Semester	
Course	Course Name	Course	Course Name
CHEM-3xx	Elective (<i>300 level or higher</i>)	xx-xxx	Elective (Adv Chemistry, Math, or Physics)
CHEM-407/8	Seminar in Chemistry	xx-xxx	Elective
CHEM-305	Environmental Chemistry (C)	xx-xxx	Elective
CHEM-469	Polymer Chemistry (C)	xx-xxx	Elective
xx-xxx	Elective	CHEM-3xx	Elective (<i>300 level or higher</i>)
CHEM-405	*Independent Study & Research		
Total Credit Hours: 16		Total Credit Hours: 15	

*Capstone

Key Codes:

(C) Core Course S) Spring Only Course
 (B) Breadth Course F) Fall Only Course
 (AtC) Across-the-Curriculum 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 101/102, 303/304 and CHEM 305
Global Issues	CHEM 406
Critical Thinking/Problem Solving Issues	CHEM 101/102 and CHEM 305