



Major: **Chemistry**
2018-2019 - Status Sheet

Minor: **Biology**
Degree: **Bachelor of Science**

120 hours are required to graduate _____
36 hours of upper level are required _____

B.BS.CHEM

Prepared by: _____

Phone #: _____

Date: _____

Exit Exam: _____

NAME: _____

		Has		Needs				Has		Needs	
		100	300	100	300			100	300	100	300
		200	400	200	400			200	400	200	400
Gen Ed Requirements						Major Requirements					
3	ENGL 101					Required Core - 33 semester hours					
3	ENGL 201					4	CHEM 112/L	General Chemistry I/Lab			
3	SPCM 101					4	CHEM 114/L	General Chemistry II/Lab			
3	MATH (see major)					4	CHEM 326/L	Organic Chemistry I/Lab			
3-5	Natural Science & Lab (see major)					4	CHEM 328/L	Organic Chemistry II/Lab			
3-5	Natural Science & Lab (see major)					4	CHEM 332/L	Analytical Chem/Lab			
<p>SOCIAL SCIENCE: take 2 courses from two different subject areas. ARTS & HUMANITIES: take 2 courses from two different subject areas (ART/H are the same subject), or a Foreign Language Sequence.</p>						4	CHEM 342/L	Physical Chemistry I/Lab			
Social Science - 2 courses required						4	CHEM 464/L	Biochemistry I/Lab			
ABS 203 ANTH 210, 220, 230 CJUS 201						1	CHEM 490	Senior Seminar			
ECON 201, 202 GEOG 101, 200, 210, 212, 219						4	MATH 123	Calculus I			
GLST 201 HDFS 141, 210 HIST 151, 152, 256, 257 INED 211 INFO 102 NATV 110						Take 1 emphasis:					
POLS 100, 102, 141, 165, 210, 250, 253 PSYC 101 REL 237 SOC 100, 150, 151, 240, 250, 285 SPCM 201 SUST 201 UHON 111, 210 WMST 101, 247						Chemistry Emphasis - 27-30 semester hours					
Arts & Humanities - 2 courses required						4	CHEM 452/L	Inorganic Chemistry/Lab			
ARAB 101, 102 ARCH 241 ART 111, 112, 121, 123 ARTH 100, 120, 121, 211, 212, 231, 251 CHIN 101, 102 ENGL 115, 125, 210, 211, 212, 214, 221, 222, 230, 240, 241, 242, 248, 249, 250, 256, 258, 268 FREN 101, 102, 201, 202 GER 101, 102, 201, 202 GFA 101 GREE 101, 102 HIST 111, 112, 121, 122 HUM 100 200 LAKL 101, 102, 201, 202 LATI 101, 102 MCOM 151, 160 MFL 101, 102 MUS 100, 117, 130, 131, 200, 201, 203, 240 PHIL 100, 200, 215, 220, 233, 240, 270, 287 REL 213, 224, 225, 238, 250 RUSS 101, 102 SPAN 101, 102, 201, 202 THEA 100, 131, 200, 201, 231, 270						4	MATH 125	Calculus II			
Addl. hours in major/minor to meet 50% rule						5	PHYS 211/L	University Physics I/Lab			
Addl. hours to meet 60 from 4-yr Inst.						5	PHYS 213/L	University Physics II/Lab			
Addl. hours to total 36 upper level						Required Electives - Take 3 courses and corresponding lab if applicable: 9-12 semester hours					
Addl. hours to total 120							BIOL 343/L	Cell & Molecular Biology/Lab			
Biology Minor - 24 hours							CHEM 344/L	Physical Chemistry II/Lab			
4	BIOL 151/L						CHEM 355/L	Field Environmental Chemistry/Lab			
4	BIOL 153/L						CHEM 434/L	Instrumental Analysis/Lab			
4	BIOL 343/L						CHEM 492	Topics			
	or						CHEM 498	Research			
	BIOL 371/L						GEOL 360	Environmental Geochemistry			
12	BIOL 300/400 level Electives (12 hrs):						MATH 225	Calculus III			
	BIOL						MATH 281	Introduction to Statistics			
	BIOL						MATH 321	Differential Equations			
	BIOL						PHYS 331	Modern Physics			
TOTALS:						Biochemistry Emphasis - 26-30 semester hours					
						4	BIOL 151/L	General Biology I/Lab			See minor
						4	BIOL 153/L	General Biology II/Lab			See minor
						4	CHEM 465/L	Biochemistry II/Lab			
						Take one of the following groups:					
						PHYS 111/L	Introduction to Physics I/Lab				
						PHYS 113/L	Introduction to Physics II/Lab				
						or					
						PHYS 211/L	University Physics I/Lab				
						PHYS 213/L	University Physics II/Lab				
						Required Electives - Take 2 courses and corresponding lab if applicable: 6-8 semester hours					
						BIOL 317/L	Electron Microscopy/Lab				
						BIOL 325/L	Physiology/Lab				
						BIOL 331/L	Microbiology/Lab				
						BIOL 343/L	Cell & Molecular Biology/Lab				
						BIOL 371/L	Genetics/Lab				
						BIOL 381/L	Vertebrate Anatomy/Lab				
						CHEM 344/L	Physical Chemistry II/Lab				
						CHEM 434/L	Instrumental Analysis/Lab				
						CHEM 452/L	Inorganic Chemistry/Lab				
						CHEM 492	Topics				
						CHEM 498	Research				
TOTALS:						TOTALS:					

ID or SSN: _____