



Major: **Chemistry**  
2017-2018 - 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: \_\_\_\_\_

Gen Ed Requirements	Has		Needs		Major Requirements	Has		Needs	
	100	300	100	300		100	300	100	300
3 ENGL 101 Composition I					<b>Required Core - 33 semester hours</b>				
3 ENGL 201 Composition II					4 CHEM 112/L General Chemistry I/Lab				
3 SPCM 101 215 222					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				
<b>SOCIAL SCIENCE:</b> take 2 courses from two different subject areas.					4 CHEM 342/L Physical Chemistry I/Lab				
<b>ARTS &amp; HUMANITIES:</b> take 2 courses from two different subject areas (ART/H are the same subject), or a Foreign Language Sequence.					4 CHEM 464/L Biochemistry I/Lab				
<b>Social Science - 2 courses required</b>					1 CHEM 490 Senior Seminar				
ABS 203 ANTH 210, 220, 230 CJUS 201					4 MATH 123 Calculus I				
ECON 201, 202 GEOG 101, 200, 210, 212, 219					<b>Take 1 emphasis:</b>				
GLST 201 HDFS 141, 210 HIST 151, 152, 256, 257 INED 211 INFO 102 NATV 110					<b>Chemistry Emphasis - 27-30 semester hours</b>				
POLS 100, 102, 141, 165, 210, 250, 253 PSYC 101 REL 237 SOC 100, 150, 240, 250, 285 SUST 201 UHON 111, 210 WMST 101					4 CHEM 452/L Inorganic Chemistry/Lab				
<b>Arts &amp; Humanities - 2 courses required</b>					4 MATH 125 Calculus II				
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, 270, 287 REL 213, 224, 225, 238, 250 RUSS 101, 102 SPAN 101, 102, 201, 202 THEA 100, 131, 200, 201, 231, 270					5 PHYS 211/L University Physics I/Lab				
<b>Addl. hours in major/minor to meet 50% rule</b>					5 PHYS 213/L University Physics II/Lab				
<b>Addl. hours to meet 60 from 4-yr Inst.</b>					<b>Required Electives - Take 3 courses and corresponding lab if applicable: 9-12 semester hours</b>				
<b>Addl. hours to total 36 upper level</b>					BIOL 343/L Cell & Molecular Biology/Lab				
<b>Addl. hours to total 120</b>					CHEM 344/L Physical Chemistry II/Lab				
<b>Biology Minor - 24 hours</b>					CHEM 355/L Field Environmental Chemistry/Lab				
4 BIOL 151/L General Biology I/Lab					CHEM 434/L Instrumental Analysis/Lab				
4 BIOL 153/L General Biology II/Lab					CHEM 492 Topics				
4 BIOL 343/L Cell & Molecular Biology/Lab					GEOL 360 Environmental Geochemistry				
<b>or</b>					MATH 225 Calculus III				
BIOL 371/L Genetics/Lab					MATH 281 Introduction to Statistics				
12 BIOL 300/400 level Electives (12 hrs):					MATH 321 Differential Equations				
BIOL					PHYS 331 Modern Physics				
BIOL					RESR 498 Research				
BIOL					<b>Biochemistry Emphasis</b>				
<b>TOTALS:</b>					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				
					<b>Take one of the following groups:</b>				
					PHYS 111/L Introduction to Physics I/Lab				
					PHYS 113/L Introduction to Physics II/Lab				
					<b>or</b>				
					PHYS 211/L University Physics I/Lab				
					PHYS 213/L University Physics II/Lab				
					<b>Required Electives - Take 2 courses and corresponding lab if applicable: 6-8 semester hours</b>				
					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				
					RESR 498 Research				
<b>TOTALS:</b>					<b>TOTALS:</b>				

ID or SSN: \_\_\_\_\_