



Major: **Chemistry**  
2016-2017 - Status Sheet

Exit Exam: \_\_\_\_\_

CAAP Proficiency Exam: \_\_\_\_\_

Minor:  
Degree: **Bachelor of Science**

**B.BS.CHEM**

Prepared by: \_\_\_\_\_

Phone #: \_\_\_\_\_

Date: \_\_\_\_\_

120 hours are required to graduate \_\_\_\_\_  
36 hours of upper level are required \_\_\_\_\_

NAME: \_\_\_\_\_

				Has		Needs	
Gen Ed Requirements				100	300	100	300
				200	400	200	400
3	ENGL	101	Composition I				
3	ENGL	201	Composition II				
3	SPCM	101	215 222				
3	MATH: (see major)						
3-5	Natural Science & Lab (see major)						
3-5	Natural Science & Lab (see major)						

**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). **GLOBALIZATION:** take 1 course with a # when selecting Social Science or Arts & Humanities courses.

Social Science - 2 courses required							
ABS 203	ANTH 210#	220, 230	CJUS 201				
ECON 201, 202	GEOG 101, 200, 210#, 212, 219	GLST 201	HDFS 141, 210	HIST 151, 152, 256, 257#	INED 211	INFO 102	NATV 110
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	

Arts & Humanities - 2 courses required							
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		

<b>Additional hours to total 36 upper level</b>							
<b>Additional hours to total 120</b>							

				Has		Needs	
Major Requirements				100	300	100	300
				200	400	200	400
<b>+ 50% of major/minor courses must be from BHSU</b>							
<b>Required Core - 33 semester hours</b>							
4	CHEM	112/L	General Chemistry I/Lab				
4	CHEM	114/L	General Chemistry II/Lab				
4	CHEM	326/L	Organic Chemistry I/Lab				
4	CHEM	328/L	Organic Chemistry II/Lab				
4	CHEM	332/L	Analytical Chem/Lab (Writing/Research)				
4	CHEM	342/L	Physical Chemistry I/Lab				
4	CHEM	464/L	Biochemistry I/Lab				
1	CHEM	490	Senior Seminar				
4	MATH	123	Calculus I				
<b>Take 1 emphasis:</b>							
<b>Chemistry Emphasis - 27-30 semester hours</b>							
4	CHEM	452/L	Inorganic Chemistry/Lab				
4	MATH	125	Calculus II				
5	PHYS	211/L	University Physics I/Lab				
5	PHYS	213/L	University Physics II/Lab				
<b>Required Electives - Take 3 courses and corresponding lab if applicable: 9-12 semester hours</b>							
	BIOL	343/L	Cell & Molecular Biology/Lab				
	CHEM	344/L	Physical Chemistry II/Lab				
	CHEM	355/L	Field Environmental Chemistry/Lab				
	CHEM	434/L	Instrumental Analysis/Lab				
	CHEM	492	Topics				
	GEOL	360	Environmental Geochemistry				
	MATH	225	Calculus III				
	MATH	281	Introduction to Statistics				
	MATH	321	Differential Equations				
	PHYS	331	Modern Physics				
	RESR	498	Research				
<b>Biochemistry Emphasis</b>							
4	BIOL	151/L	General Biology I/Lab				
4	BIOL	153/L	General Biology II/Lab				
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				
8-10							
60-63							
<b>TOTALS:</b>							

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