Major: **Chemistry**

2015-2016 - Status Sheet

Minor: **Biology**

Degree: **Bachelor of Science**

120 hours are required to graduate _____

36 hours of upper level are required _____

Exit Exam: _____

CAAP Proficiency Exam: _____

B.BS.CHEM

Prepared by:

Phone #:

Date:

NAME:

ID or SSN:

Gen Ed Requirements				Has 100 200	Has 300 400	Needs 100 200	Needs 300 400
3	ENGL	101	Composition I				
3	ENGL	201	Composition II				
3	SPCM	101	215 222				
3	MATH: 102, 103, 104, 115, 120, 121, 123, 281			See major			
3-5	Natural Science/Lab			See major			
3-5	Natural Science/Lab			See major			
2	WEL	100/L	Wellness/Lab				

Social Science: take 3 courses from at least two different subject areas. **Arts & Humanities:** take 4 courses from at least 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 - 3 courses required							
ANTH: 210#, 220, 230 CJUS 201 ECON 101, 201							
ECON 202 GEOG 101, 200, 210#, 212, 219							
GLST 201 HDFS 141, 210 HIST 151, 152, 256							
HIST 257# 313 INED 211 INFO 110 NATV 110							
POLS 100, 102, 141#,210, 250#, 253,349 PSYC 101							
REL 237 SOC 100, 150, 240, 250, 285, 350							
SUST 201 UHON 111, 210 WMST 101							
Arts & Humanities - 4 courses required							
ARAB 101, 102 ART 111, 112, 121, 123 ARTH 100							
ARTH 121, 211#, 212#, 231, 251# CHIN 101, 102							
ENGL 115, 210, 211#, 212#, 214, 221, 222, 230, 240							
ENGL 241, 242, 248, 249, 250, 256, 258, 268, 320,411							
FREN 101, 102, 201, 202 GER 101, 102 201, 202							
GFA 101 GREE 101, 102 HIST 111, 112, 121#, 122#							
HUM 100#, 200, 387,388 LAKL 101, 102 LATI 101, 102							
MCOM 151#, 160 MFL 101, 102 MUS 100, 130, 131							
MUS 200, 201, 240 PHIL 100, 200, 215, 220, 233							
PHIL 270, 287 REL 213, 224, 225, 238, 250, 270							
RUSS 101, 102 SPAN 101, 102, 201, 202							
THEA 100, 131, 200, 201, 231, 270							
Additional hours to total 36 upper level							
Additional hours to total 120							
Biology Minor - 24 hours							
4	BIOL	151/L	General Biology I/Lab				
4	BIOL	153/L	General Biology II/Lab				
4	BIOL	343/L	Cell & Molecular Biology/Lab				
			or				
	BIOL	371/L	Genetics/Lab				
12			BIOL 300/400 level Electives (12 hrs):				
	BIOL						
	BIOL						
	BIOL						
	BIOL						
TOTALS:							

Major Requirements				Has 100 200	Has 300 400	Needs 100 200	Needs 300 400
+ 50% of major/minor courses must be from BHSU							
	Required Core - 33 semester hours						
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				
	Take 1 emphasis:						
	Chemistry Emphasis - 27-30 semester hours						
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				
	Required Electives - Take 3 courses and corresponding lab if applicable: 9-12 semester hours						
	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				
	Biochemistry Emphasis						
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				
8-10			**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				
	RESR	498	Research				
60-63	TOTALS:						