



Major: **Chemistry**
2014-2015 - 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.CHEC
Prepared by: _____
Phone #: _____
Date: _____

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 Composition I						+ 50% of major/minor courses must be from BHSU					
3 ENGL 201 Composition II						Required Core - 33 semester hours					
3 SPCM 101 215 222						4 CHEM 112/L General Chemistry I/Lab					
3 MATH: 102, 103, 104, 115, 120, 121, 123, 281						4 CHEM 114/L General Chemistry II/Lab					
3-5 Natural Science/Lab						4 CHEM 326/L Organic Chemistry I/Lab					
3-5 Natural Science/Lab						4 CHEM 328/L Organic Chemistry II/Lab					
2 WEL 100/L Wellness/Lab						4 CHEM 332/L Analytical Chem/Lab (Writing/Research)					
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.						4 CHEM 342/L Physical Chemistry I/Lab					
						4 CHEM 464/L Biochemistry I/Lab					
Social Science - 3 courses required						1 CHEM 490 Senior Seminar					
						4 MATH 123 Calculus I					
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# INED 211 INFO 110 NATV 110 POLS 100, 102, 141#, 250#, 253 PSYC 101 REL 237 SOC 100, 150, 240, 250, 285 SUST 201 UHON 111, 210 WMST 101						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					
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 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 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						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 Geochemistry MATH 225 Calculus III MATH 281 Introduction to Statistics MATH 321 Differential Equations PHYS 331 Modern Physics RESR 498 Research					
Additional hours to total 36 upper level Additional hours to total 120						Biochemistry Emphasis 4 BIOL 151/L General Biology I/Lab 4 BIOL 153/L General Biology II/Lab 4 CHEM 465/L Biochemistry II/Lab					
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						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 RESR 498 Research					
TOTALS:						TOTALS:					

ID or SSN: _____