



BLACK HILLS
STATE UNIVERSITY

Major: **Chemistry**
2023-2024 - Status Sheet

Exit Exam: _____

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

BBS.CHM
Prepared by:
Phone #:
Date:

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

NAME: _____

Gen Ed Requirements	Has		Needs		Major Requirements	Has		Needs		
	100	300	100	300		100	300	100	300	
3 ENGL 101 Composition I					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 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 CHEM 498 Research GEOL 360 Environmental Geochemistry MATH 225 Calculus III MATH 281 Introduction to Statistics MATH 321 Differential Equations PHYS 331 Modern Physics Biochemistry Emphasis - 26-30 semester hours 4 BIOL 151/L General Biology I/Lab 4 BIOL 153/L General Biology II/Lab 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					
3 ENGL 201 Composition II										
3 CMST 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), or a Foreign Language Sequence.										
Social Science - 2 courses required ABS 203 ANTH 210, 220, 230 CJUS 201 CMST 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, 151, 240, 250, 285 CMST 201 SUST 201 UHON 111, 210 WMST 101, 247										
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, 240, 270, 287 REL 213, 224, 225, 238, 250 RUSS 101, 102 SPAN 101, 102, 201, 202 THEA 100, 131, 200, 201, 231, 270										
Addl. hours in major/minor to meet 50% rule Addl. hours to meet 60 from 4-yr Inst. Addl. hours to total 36 upper level Addl. 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 Bio/Lab or BIOL 371/L Genetics/Lab 12 BIOL 300/400 level Electives (12 hrs): BIOL BIOL BIOL					8-10					
TOTALS:					TOTALS:					

ID or SSN: _____