



Major: **Chemistry**
2024-2025 - Status Sheet

Exit Exam: _____

BLACK HILLS
STATE UNIVERSITY

Minor:
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				
3 ENGL 201 Composition II					4 CHEM 112/L General Chemistry I/Lab				
3 CMST 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				
SOCIAL SCIENCE: take 2 courses from two different subject areas.					4 CHEM 342/L Physical Chemistry I/Lab				
ARTS & HUMANITIES: 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				
Social Science - 2 courses required					1 CHEM 490 Senior Seminar				
ABS 203 ANTH 210, 220, 230 CJUS 201					4 MATH 123 Calculus I				
CMST 201 ECON 201, 202 GEOG 101, 200, 210, 212, 219 GLST 201 HDFS 141, 210					Take 1 emphasis:				
HIST 151, 152, 256, 257 INED 211 INFO 102					Chemistry Emphasis - 27-30 semester hours				
NATV 110 POLS 100, 102, 141, 165, 210, 250, 253 PSYC 101 REL 237 SOC 100, 150, 151, 240, 250, 285 SUST 201 UHON 111, 210					4 CHEM 452/L Inorganic Chemistry/Lab				
WMST 101, 247					4 MATH 125 Calculus II				
Arts & Humanities - 2 courses required					5 PHYS 211/L University Physics I/Lab				
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					5 PHYS 213/L University Physics II/Lab				
GREE 101, 102 HIST 111, 112, 121, 122					Required Electives - Take 3 courses and corresponding lab if applicable: 9-12 semester hours				
HUM 100 200 LAKL 101, 102, 201, 202 LATI 101, 102 MCOM 151, 160 MFL 101, 102					BIOL 343/L Cell & Molecular Biology/Lab				
MUS 100, 117, 130, 131, 200, 201, 203, 240					CHEM 344/L Physical Chemistry II/Lab				
PHIL 100, 200, 215, 220, 233, 240, 270, 287					CHEM 355/L Field Environmental Chemistry/Lab				
REL 213, 224, 225, 238, 250 RUSS 101, 102					CHEM 434/L Instrumental Analysis/Lab				
SPAN 101, 102, 201, 202 THEA 100, 131, 200, 201, 231, 270					CHEM 492 Topics				
Addl. hours in major/minor to meet 50% rule					CHEM 498 Research				
Addl. hours to meet 60 from 4-yr Inst.					GEOL 360 Environmental Geochemistry				
Addl. hours to total 36 upper level					MATH 225 Calculus III				
Addl. hours to total 120					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				
TOTALS:					TOTALS:				

ID or SSN: _____