



Major: **Chemistry**
2026-2027 - 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 - 31-32 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, 1 must be an * course - Civics Requirement. ARTS & HUMANITIES: take 2 courses from two different subject areas, (ART/H) are 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, CIV 100* , 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, 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, WMST 247					4 MATH 123 Calculus I				
Arts & Humanities - 2 courses required					CHEM 342 Physical Chemistry I				
ARCH 241, ART 111, 112, 121, 123, ARTH 100, 121, 211, 212, 231, 251, ENGL 115, 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, HIST 111, 112, 121, 122 HUM 100, 101, 200, LAKL 101, 102, 201, 202, 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, SPAN 101, 102, 201, 202, THEA 100, 131, 200, 201, 231, 270					3-4 OR				
Addl. hours in major/minor to meet 50% rule					CHEM 452/L Inorganic Chemistry/Lab				
Addl. hours to meet 60 from 4-yr Inst.					Take 1 emphasis:				
Addl. hours to total 36 upper level					Chemistry Emphasis - 26-30 semester hours				
Addl. hours to total 120					<i>Take one of the following, whichever was not taken within the core:</i>				
					CHEM 342 Physical Chemistry I				
					3-4 OR				
					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				
					<i>Take 3 courses and corresponding labs if applicable 9-12 semester hours:</i>				
					BIOL 343/L Cell & Molecular Biology/Lab				
					CHEM 344 Physical Chemistry II				
					CHEM 355/L Field Environmental Chemistry/Lab				
					CHEM 434/L Instrumental Analysis/Lab				
					CHEM 492/498 Topics/Research				
					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 Physical Chemistry II				
					CHEM 434/L Instrumental Analysis/Lab				
					CHEM 492/498 Topics/Research				
					CHEM 342 Physical Chemistry I*				
					CHEM 452/L Inorganic Chemistry/Lab*				
					* may not duplicate course used in core requirements				
TOTALS:					TOTALS:				

ID or SSN: _____