



BLACK HILLS
STATE UNIVERSITY

Major: **Chemistry**
2025-2026 - Status Sheet

Minor:
Degree: **Bachelor of Science**

120 hours are required to graduate

36 hours of upper level are required

Exit Exam: _____

BBS.CHM

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						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						4 MATH 123 Calculus I					
201, CMST 201 ECON 201, 202, GEOG 101,						CHEM 342 Physical Chemistry I					
200, 210, 212, 219, GLST 201, HDFS 141, 210,						3-4 OR					
HIST 151* , 152* , 256, 257, INED 211, NATV						CHEM 452/L Inorganic Chemistry/Lab					
110, POLS 100* , 102, 141, 165, 210* , 250, 253,						Take 1 emphasis:					
PSYC 101, REL 237, SOC 100, 150, 151, 240,						Chemistry Emphasis - 26-30 semester hours					
250, 285, SUST 201, UHON 111, 210, WMST						Take one of the following, whichever was not taken within the core:					
247						CHEM 342 Physical Chemistry I					
Arts & Humanities - 2 courses required						3-4 OR					
ARCH 241, ART 111, 112, 121, 123, ARTH 100,						CHEM 452/L Inorganic Chemistry/Lab					
121, 211, 212, 231, 251, ENGL 115, 210, 211,						4 MATH 125 Calculus II					
212, 214, 221, 222, 230, 240, 241, 242, 248,						5 PHYS 211/L University Physics I/Lab					
249, 250, 256, 258, 268, FREN 101, 102, 201,						5 PHYS 213/L University Physics II/Lab					
202, GER 101, 102, 201, 202, HIST 111, 112,						Take 3 courses and corresponding labs if applicable 9-12 semester hours:					
121, 122 HUM 100, 101, 200, LAKL 101, 102,						BIOL 343/L Cell & Molecular Biology/Lab					
201, 202, MCOM 151, 160, MFL 101, 102,						CHEM 344 Physical Chemistry II					
MUS 100, 117, 130, 131, 200, 201, 203, 240,						CHEM 355/L Field Environmental Chemistry/Lab					
PHIL 100, 200, 215, 220, 233, 240, 270, 287,						CHEM 434/L Instrumental Analysis/Lab					
REL 213, 224, 225, 238, 250, SPAN 101, 102,						CHEM 492/498 Topics/Research					
201, 202, THEA 100, 131, 200, 201, 231, 270						MATH 225 Calculus III					
						MATH 281 Introduction to Statistics					
						MATH 321 Differential Equations					
						PHYS 331 Modern Physics					
						Biochemistry Emphasis - 26-30 semester hours					
Addl. hours in major/minor to meet 50% rule						4 BIOL 151/L General Biology I/Lab					
Addl. hours to meet 60 from 4-yr Inst.						4 BIOL 153/L General Biology II/Lab					
Addl. hours to total 36 upper level						4 CHEM 465/L Biochemistry II/Lab					
Addl. hours to total 120						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:					