



BLACK HILLS
STATE UNIVERSITY

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

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

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

BBS.CHM
Prepared by:
Phone #:
Date:

Exit Exam: _____

NAME: _____

				Has				Needs								Has				Needs											
				100	300	100	300					100	300	100	300					100	300	100	300								
				200	400	200	400					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															
3 CHEM 464/L Biochemistry I/Lab																1 CHEM 490 Senior Seminar															
1 CHEM 490 Senior Seminar																4 MATH 123 Calculus I															
4 MATH 123 Calculus I																CHEM 342 Physical Chemistry I															
CHEM 342 Physical Chemistry I																3-4 OR															
CHEM 452/L Inorganic Chemistry/Lab																CHEM 452/L Inorganic Chemistry/Lab															
Take 1 emphasis:																Chemistry Emphasis - 26-30 semester hours															
Take one of the following, whichever was not taken within the core:																Take one of the following, whichever was not taken within the core:															
CHEM 342 Physical Chemistry I																CHEM 342 Physical Chemistry I															
3-4 OR																3-4 OR															
CHEM 452/L Inorganic Chemistry/Lab																CHEM 452/L Inorganic Chemistry/Lab															
4 MATH 125 Calculus II																4 MATH 125 Calculus II															
5 PHYS 211/L University Physics I/Lab																5 PHYS 211/L University Physics I/Lab															
5 PHYS 213/L University Physics II/Lab																5 PHYS 213/L University Physics II/Lab															
Take 3 courses and corresponding labs if applicable 9-12 semester hours:																Take 3 courses and corresponding labs if applicable 9-12 semester hours:															
BIOL 343/L Cell & Molecular Biology/Lab																BIOL 343/L Cell & Molecular Biology/Lab															
CHEM 344 Physical Chemistry II																CHEM 344 Physical Chemistry II															
CHEM 355/L Field Environmental Chemistry/Lab																CHEM 355/L Field Environmental Chemistry/Lab															
CHEM 434/L Instrumental Analysis/Lab																CHEM 434/L Instrumental Analysis/Lab															
CHEM 492/498 Topics/Research																CHEM 492/498 Topics/Research															
MATH 225 Calculus III																MATH 225 Calculus III															
MATH 281 Introduction to Statistics																MATH 281 Introduction to Statistics															
MATH 321 Differential Equations																MATH 321 Differential Equations															
PHYS 331 Modern Physics																PHYS 331 Modern Physics															
Biochemistry Emphasis - 26-30 semester hours																Biochemistry Emphasis - 26-30 semester hours															
4 BIOL 151/L General Biology I/Lab																4 BIOL 151/L General Biology I/Lab								See minor							
4 BIOL 153/L General Biology II/Lab																4 BIOL 153/L General Biology II/Lab								See minor							
4 CHEM 465/L Biochemistry II/Lab																4 CHEM 465/L Biochemistry II/Lab															
Take one of the following groups:																Take one of the following groups:															
PHYS 111/L Introduction to Physics I/Lab																PHYS 111/L Introduction to Physics I/Lab															
PHYS 113/L Introduction to Physics II/Lab																PHYS 113/L Introduction to Physics II/Lab															
or																or															
PHYS 211/L University Physics I/Lab																PHYS 211/L University Physics I/Lab															
PHYS 213/L University Physics II/Lab																PHYS 213/L University Physics II/Lab															
Required Electives - Take 2 courses and corresponding lab																Required Electives - Take 2 courses and corresponding lab															
if applicable: 6-8 semester hours																if applicable: 6-8 semester hours															
BIOL 317/L Electron Microscopy/Lab																BIOL 317/L Electron Microscopy/Lab															
BIOL 325/L Physiology/Lab																BIOL 325/L Physiology/Lab															
BIOL 331/L Microbiology/Lab																BIOL 331/L Microbiology/Lab															
BIOL 343/L Cell & Molecular Biology/Lab																BIOL 343/L Cell & Molecular Biology/Lab															
BIOL 371/L Genetics/Lab																BIOL 371/L Genetics/Lab															
BIOL 381/L Vertebrate Anatomy/Lab																BIOL 381/L Vertebrate Anatomy/Lab															
CHEM 344 Physical Chemistry II																CHEM 344 Physical Chemistry II															
CHEM 434/L Instrumental Analysis/Lab																CHEM 434/L Instrumental Analysis/Lab															
CHEM 492/498 Topics/Research																CHEM 492/498 Topics/Research															
CHEM 342 Physical Chemistry I*																CHEM 342 Physical Chemistry I*															
CHEM 452/L Inorganic Chemistry/Lab*																CHEM 452/L Inorganic Chemistry/Lab*															
* may not duplicate course used in core requirements																* may not duplicate course used in core requirements															
TOTALS:																TOTALS:															

ID or SSN: _____