



BLACK HILLS
STATE UNIVERSITY

Major: **Mathematics - Teaching**
2026-2027 - Status Sheet

Minor: _____
Degree: **Bachelor of Science Education**

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

BBSLED.MTH
Prepared by: _____
Phone #: _____
Date: _____

Exit Exam: _____

NAME: _____

| Gen Ed Requirements | Has | | Needs | |
|----------------------------------|-----|-----|-------|-----|
| | 100 | 300 | 100 | 300 |
| 3 ENGL 101 Comp I (min grade C) | | | | |
| 3 ENGL 201 Comp II (min grade C) | | | | |
| 3 CMST 101 215 222 (min grade C) | | | | |
| 3 MATH: see major | | | | |
| 3-5 Natural Science & Lab | | | | |
| 3-5 Natural Science & 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.

Social Science - 2 courses required

PSYC 101 required for major, and will also satisfy a SS class. Take 1 additional *Civics course from the following:

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

CIV 100*, HIST 151*, 152*, POLS 100*, 210*

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Arts & Humanities - 2 courses required

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

| | | | | |
|--|--|--|--|--|
| 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 | | | | |

Pre-Professional Teaching - 18 semester hours

| | | | | |
|---|--|--|--|--|
| 1 EDFN 295 Practicum:Pre-Admission Tchng | | | | |
| 2 EDFN 338 Foundations American Ed | | | | |
| 3 EPSY 302 Educational Psychology | | | | |
| 3 EPSY 428 Child & Adolescent Dvlpmnt | | | | |
| 3 INED 411 South Dakota Indian Studies | | | | |
| 3 PSYC 101 General Psychology (gen ed) | | | | |
| 3 SPED 100 Intro Persons w/ Excpntialities | | | | |

Professional Secondary Ed Teach-26 semester hrs

| | | | | |
|--|--|--|--|--|
| 3 EDFN 365 Computer Based Tech & Lrng | | | | |
| 1 EDFN 375 Methods of Tech Integration | | | | |
| 3 EDFN 475 Human Relations | | | | |
| 2 MLED 480 Middle Level Methods | | | | |
| 3 SEED 408 Diverse 5-12 Classroom | | | | |
| 1 SEED 440 Classroom Management | | | | |
| 3 SEED 450 7-12 Reading/Content Literacy | | | | |
| 1 SEED 495 Practicum:Pre-Student Tchng | | | | |
| 9 SEED 488 7-12 Student Teaching | | | | |

***Other SD BOR course**

| | | | | |
|----------------|--|--|--|--|
| TOTALS: | | | | |
|----------------|--|--|--|--|

| Major Requirements | Has | | Needs | |
|--------------------|-----|-----|-------|-----|
| | 100 | 300 | 100 | 300 |

Must earn grade of 'C' or better in all required coursework.

Required Core - 21 semester hours

| | | | | |
|---------------------------------------|--|--|--|--|
| 4 MATH 123 Calculus I (gen ed) | | | | |
| 4 MATH 125 Calculus II | | | | |
| 4 MATH 225 Calculus III | | | | |
| 3 MATH 281 Introduction to Statistics | | | | |
| 3 MATH 361 Modern Geometry | | | | |
| 3 SEED 418 7-12 Math Methods | | | | |

Mathematics & Computer Science Ed Emphasis - 27-29 semester hours

| | | | | |
|-------------------------------------|--|--|--|--|
| MATH 351 Foundations of Mathematics | | | | |
| 3 or | | | | |
| CSC 251 Finite Structures* | | | | |

| | | | | |
|------------------------------|--|--|--|--|
| MATH 413 Abstract Algebra I | | | | |
| 3 or | | | | |
| MATH 423 Advanced Calculus I | | | | |

Computer Programing

| | | | | |
|---------------------------------|--|--|--|--|
| CSC 150 Computer Science I | | | | |
| 3 or | | | | |
| CSC 115 Software Development I* | | | | |

| | | | | |
|----------------------------------|--|--|--|--|
| CSC 215 Software Development II* | | | | |
| 3 or | | | | |
| CSC 250 Computer Science II | | | | |

| | | | | |
|---------------------------------|--|--|--|--|
| CSC 216 Introduction to C++* | | | | |
| 3 or | | | | |
| CSC 260 Object Oriented Design* | | | | |

| | | | | |
|---------------------------------------|--|--|--|--|
| CSC 315 Data Structures & Algorithms* | | | | |
| 3 or | | | | |
| CSC 300 Data Structures* | | | | |

| | | | | |
|--|--|--|--|--|
| 3 Engineering - choose one | | | | |
| CENG 142/L Introduction to Digital Systems* & Lab* | | | | |
| CSC 163 Hardware, Virtualization, & Data Comm* | | | | |
| CSC 340 Software Engineering* | | | | |
| CSC 470 Software Engineering* | | | | |

| | | | | |
|-------------------------------------|--|--|--|--|
| 6 Restricted Electives | | | | |
| choose two courses from following: | | | | |
| MATH 315 Linear Algebra | | | | |
| MATH 316 Discrete Mathematics | | | | |
| MATH 321 Differential Equations | | | | |
| MATH 411 Theory of Numbers | | | | |
| MATH 413 Abstract Algebra I | | | | |
| MATH 416 Combinatorics | | | | |
| MATH 421 Complex Analysis | | | | |
| MATH 423 Advanced Calculus I | | | | |
| MATH 461 Intorduction to Topology | | | | |
| MATH 481 Probability and Statistics | | | | |
| CSC 415 Introduction to Robotics* | | | | |

| | | | | |
|---|--|--|--|--|
| Robotics | | | | |
| Students seeking the Science, Tech, Engineering, & Math Career Cluster Endorsement | | | | |
| CSC 415 Intro to Robotics & an additional CTE Methods Crsefor teaching Robotics should take | | | | |

| | | | | |
|-------|--|--|--|--|
| 92-94 | | | | |
|-------|--|--|--|--|

TOTALS:

ID or SSN: _____