



BLACK HILLS
STATE UNIVERSITY

Major: **Mathematics - Teaching**
2023-2024 - Status Sheet

Praxis/PLT: _____

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

BBSed.MTH
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 Comp I (min grade C)					<p>Must earn grade of "C" or better in all required coursework.</p> <p>Take Required Core, one science area, and all Teaching courses.</p> <p>Required Core</p> <p>4 MATH 123 Calculus I (Gen ed)</p> <p>4 MATH 125 Calculus II</p> <p>4 MATH 225 Calculus III</p> <p>3 MATH 281 Introduction to Statistics</p> <p>3 MATH 361 Modern Geometry</p> <p>3 SEED 418 7-12 Math Methods</p> <p>Mathematics & Science Ed Emphasis</p> <p>3 CSC 150 Computer Science I</p> <p>3 MATH 351 Foundations of Mathematics</p> <p>MATH 413 Abstract Algebra I</p> <p>3 or</p> <p>MATH 423 Advanced Calculus I</p> <p>3 SEED 413 7-12 Science Methods</p> <p>3 <i>Take one course from the following:</i></p> <p>MATH 315 Linear Algebra</p> <p>MATH 316 Discrete Mathematics</p> <p>MATH 321 Differential Equations</p> <p>MATH 411 Theory of Numbers</p> <p>MATH 413 Abstract Algebra I</p> <p>MATH 416 Combinatorics</p> <p>MATH 423 Advanced Calculus I</p> <p>MATH 481 Probability and Statistics</p> <p>Choose one Science area from below</p> <p>Biology - 24 semester hours</p> <p>4 BIOL 151/L General Biology I & Lab</p> <p>4 BIOL 153/L General Biology II Lab</p> <p>4 BIOL 311/L Principles of Ecology & Lab</p> <p>4 BIOL 325/L Physiology & Lab</p> <p>4 BIOL 331/L Microbiology & Lab</p> <p>4 BIOL 371/L Genetics & Lab</p> <p>Chemistry - 20 semester hours</p> <p>4 CHEM 112/L General Chemistry I & Lab</p> <p>4 CHEM 114/L General Chemistry II & Lab</p> <p>4 CHEM 326/L Organic Chemistry I & Lab</p> <p>4 CHEM 328/L Organic Chemistry II & Lab</p> <p>4 CHEM 332/L Analytical Chemistry & Lab</p> <p>Physics - 19 semester hours</p> <p>3 PHYS 185/L Solar System Astronomy & Lab</p> <p>5 PHYS 211/L University Physics I & Lab</p> <p>5 PHYS 213/L University Physics II & Lab</p> <p>3 PHYS 331 Intro to Modern Physics</p> <p>PHYS 451 Classical Mechanics</p> <p>3 OR</p> <p>PHYS 471 Quantum Mechanics</p> <p>Earth Science - 20 semester hours</p> <p>4 GEOL 201/L Physical Geology & Lab</p> <p>4 GEOL 203/L Historical Geology & Lab</p> <p>3 GEOL 321 Conservation of Nat. Res.</p> <p>3 PHYS 185/L Solar System Astronomy & Lab</p> <p>6 take two courses from the following four courses:</p> <p>GEOL 340 Mineralogy/Petrology</p> <p>GEOL 350 Environmental Geology</p> <p>GEOL 370 Hydrogeology</p> <p>SCI 388 GPS</p>				
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 (see major)									
3-5 Natural Science & Lab (see major)									
SOCIAL SCIENCE: take 2 courses from two different subject areas.									
ARTS & HUMANITIES: take 2 courses from two different subject areas (ART/H are the 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 course from the following:									
ABS 203 ANTH 210, 220, 230 CJUS 201									
CMST 201 ECON 201, 202 GEOG 101, 200,									
210, 212, 219 GLST 201 HDF5 141, 210									
HIST 151, 152, 256, 257 INED 211 INFO 102									
NATV 110 POLS 100, 102, 141, 165, 210, 250,									
253 REL 237 SOC 100, 150, 151, 240, 250,									
285 SUST 201 UHON 111, 210 WMST 101,									
247									
Arts & Humanities - 2 courses required									
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									
GREE 101, 102 HIST 111, 112, 121, 122									
HUM 100 200 LAKL 101, 102, 201, 202 LATI									
101, 102 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 RUSS 101, 102									
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-Adm Tchng									
2 EDFN 338 Foundations of American Ed									
3 EPSY 302 Educational Psychology									
3 EPSY 428 Child & Adolescent Dvlmpt									
3 INED 411 South Dakota Indian Studies									
3 PSYC 101 General Psychology (gen ed)									
3 SPED 100 Intro to Persons with Except									
Professional Secondary Ed Teaching - 26 semester hours									
3 EDFN 365 Computer Bsd Tech & Lrning									
1 EDFN 375 Mthds 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 Rdnng & Content Literacy									
1 SEED 495 Practicum: Pre-Student Tchng									
9 SEED 488 7-12 Student Teaching									
TOTALS:					TOTALS:				

ID or SSN: _____