



Major: **Mathematics - Teaching**
2022-2023 - Status Sheet

Exit Exam: _____

BLACK HILLS
STATE UNIVERSITY

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

BSEd.MTH

Prepared by:

Phone #:

Date:

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

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 Comp I (min grade C)						Must earn grade of 'C' or better in all required coursework.					
3 ENGL 201 Comp II (min grade C)						Required Core - 21 semester hours					
3 CMST 101 215 222 (min grade C)						4 MATH 123 Calculus I (gen ed)					
3 MATH: see major						4 MATH 125 Calculus II					
3-5 Natural Science & Lab						4 MATH 225 Calculus III					
3-5 Natural Science & Lab						3 MATH 281 Introduction to Statistics					
SOCIAL SCIENCE: take 2 courses from two different subject areas.						3 MATH 361 Modern Geometry					
ARTS & HUMANITIES: take 2 courses from two different subject areas (ART/H) are the same subject), or a Foreign Language Sequence.						3 SEED 418 7-12 Math Methods					
Social Science - 2 courses required						Mathematics & Computer Science Ed Emphasis - 27 semester hours					
PSYC 101 required for major, and will also satisfy a SS class. Take 1 additional course from the following:						MATH 351 Foundations of Mathematics					
ABS 203 ANTH 210, 220, 230 CJUS 201						3 or					
CMST 201 ECON 201, 202 GEOG 101, 200,						CSC 251 Finite Structures					
210, 212, 219 GLST 201 HDFS 141, 210						MATH 413 Abstract Algebra I					
HIST 151, 152, 256, 257 INED 211 INFO 102						3 or					
NATV 110 POLS 100, 102, 141, 165, 210, 250,						MATH 423 Advanced Calculus I					
253 REL 237 SOC 100, 150, 151, 240, 250,						Computer Programming					
285 SUST 201 UHON 111, 210 WMST 101,						CSC 150 Computer Science I					
247						3 or					
Arts & Humanities - 2 courses required						CSC 170 Programing for Engineer & Scientists*					
ARAB 101, 102 ARCH 241 ART 111, 112,						CSC 170L Programing for Engineer & Scientists Lab*					
121, 123 ARTH 100, 120, 121, 211, 212, 231,						1 CSC 210 C++ Intro for Programmers*					
251 CHIN 101, 102 ENGL 115, 125, 210,						4 CSC 215 Programming Techniques*					
211, 212, 214, 221, 222, 230, 240, 241, 242,						4 CSC 315 Data Structures & Algorithms*					
248, 249, 250, 256, 258, 268 FREN 101, 102,						Engineering					
201, 202 GER 101, 102, 201, 202 GFA 101						CENG 244 Introduction to Digital Systems*					
GREE 101, 102 HIST 111, 112, 121, 122						CENG 244L Introduction to Digital Systems Lab*					
HUM 100 200 LAKL 101, 102, 201, 202 LATI						3 or					
101, 102 MCOM 151, 160 MFL 101, 102						CSC 340 Software Engineering & Design*					
MUS 100, 117, 130, 131, 200, 201, 203, 240						Robotics					
PHIL 100, 200, 215, 220, 233, 240, 270, 287						3 CSC 415 Introduction to Robotics*					
REL 213, 224, 225, 238, 250 RUSS 101, 102						3 SEED 416 5-12 Career/Tech Ed Methods					
SPAN 101, 102, 201, 202 THEA 100, 131, 200,						Pre-Professional Teaching - 18 semester hours					
201, 231, 270						1 EDFN 295 Practicum: Pre-Admission Teaching					
Addl. hours in major/minor to meet 50% rule						2 EDFN 338 Foundations of American Education					
Addl. hours to meet 60 from 4-yr Inst.						3 EPSY 302 Educational Psychology					
Addl. hours to total 36 upper level						3 EPSY 428 Child & Adolescent Development					
Addl. hours to total 120						3 INED 411 South Dakota Indian Studies					
						3 PSYC 101 General Psychology (gen ed)					
						3 SPED 100 Intro to Persons with Exceptionalities					
						Professional Secondary Ed Teaching - 26 semester hours					
						3 EDFN 365 Computer Based Technology & Learning					
						1 EDFN 375 Methods of Technology 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 and Content Literacy					
						1 SEED 495 Practicum: Pre-Student Teaching					
						9 SEED 488 7-12 Student Teaching					
TOTALS:						TOTALS:					

Math & Computer Science Ed is a collaboration between BHSU & SDSM&T

*SDSM&T course

ID or SSN: _____