



Major: **Mathematics - Teaching**
2021-2022 - Status Sheet

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

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

BSEd.MTH
Prepared by:
Phone #:
Date:

Exit Exam: _____

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>Required Core - 21 semester hours</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 & Computer Science Ed Emphasis - 27 semester hours</p> <p>MATH 351 Foundations of Mathematics</p> <p>3 or</p> <p>CSC 251 Finite Structures</p> <p>MATH 413 Abstract Algebra I</p> <p>3 or</p> <p>MATH 423 Advanced Calculus I</p> <p>Computer Programming</p> <p>CSC 150 Computer Science I</p> <p>3 or</p> <p>CSC 170 Programing for Engineer & Scientists*</p> <p>CSC 170L Programing for Engineer & Scientists Lab*</p> <p>1 CSC 210 C++ Intro for Programmers*</p> <p>4 CSC 215 Programming Techniques*</p> <p>4 CSC 315 Data Structures & Algorithms*</p> <p>Engineering</p> <p>CENG 244 Introduction to Digital Systems*</p> <p>CENG 244L Introduction to Digital Systems Lab*</p> <p>3 or</p> <p>CSC 340 Software Engineering & Design*</p> <p>Robotics</p> <p>3 CSC 415 Introduction to Robotics*</p> <p>3 SEED 416 5-12 Career/Tech Ed Methods</p> <p>Pre-Professional Teaching - 18 semester hours</p> <p>1 EDFN 295 Practicum: Pre-Admission Teaching</p> <p>2 EDFN 338 Foundations of American Education</p> <p>3 EPSY 302 Educational Psychology</p> <p>3 EPSY 428 Child & Adolescent Development</p> <p>3 INED 411 South Dakota Indian Studies</p> <p>3 PSYC 101 General Psychology (gen ed)</p> <p>3 SPED 100 Intro to Persons with Exceptionalities</p> <p>Professional Secondary Ed Teaching - 26 semester hours</p> <p>3 EDFN 365 Computer Based Technology & Learning</p> <p>1 EDFN 375 Methods of Technology Integration</p> <p>3 EDFN 475 Human Relations</p> <p>2 MLED 480 Middle Level Methods</p> <p>3 SEED 408 Diverse 7-12 Classroom</p> <p>1 SEED 440 Classroom Management</p> <p>3 SEED 450 7-12 Reading and Content Literacy</p> <p>1 SEED 495 Practicum: Pre-Student Teaching</p> <p>9 SEED 488 7-12 Student Teaching</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									
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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 HDFS 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									
TOTALS:					TOTALS:				

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

*SDSM&T course

ID or SSN: _____