



Major: **Mathematics - Teaching**
2018-2019 - Status Sheet

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

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

Exit Exam: _____

B.BSED.MATH
Prepared by:
Phone #:
Date:

NAME:

				Has		Needs	
Gen Ed Requirements				100	300	100	300
				200	400	200	400
3	ENGL	101	Comp I (min grade C)				
3	ENGL	201	Comp II (min grade C)				
3	SPCM	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.
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
- 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
- SPCM 201 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:

				Has		Needs	
Major Requirements				100	300	100	300
				200	400	200	400

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

Required Core - 42 semester hours

- 3 CSC 150 Computer Science I
- 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 315 Linear Algebra
- 3 MATH 316 Discrete Mathematics
- 3 MATH 321 Differential Equations
- 3 MATH 361 Modern Geometry
- 3 MATH 413 Abstract Algebra I
- 3 MATH 425 Real Analysis I
- 3 MATH 481 Probability and Statistics
- 3 SEED 418 7-12 Math Methods

6 Restricted Electives - take two courses from the following:

- MATH 411 Theory of Numbers
- MATH 416 Combinatorics
- MATH 421 Complex Analysis
- MATH 440 Mathematics of Finance
- MATH 450 History of Mathematics
- MATH 461 Introduction to Topology
- MATH 487 Design of Experiments

Pre-Professional Teaching Core - 21 semester hours

- 1 EDFN 295 Practicum: Pre-Admission Teaching
- 2 EDFN 338 Foundations of American Education
- 3 EDFN 475 Human Relations
- 3 EPSY 302 Educational Psychology
- 3 EPSY 428 Child & Adolescent Development
- 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 Core - 23 semester hours

- 3 EDFN 365 Computer Based Technology & Learning
- 1 EDFN 375 Methods of Technology Integration
- 2 MLED 480 Middle Level Methods
- 3 SEED 408 Diverse 7-12 Classroom
- 3 SEED 450 7-12 Reading and Content Literacy
- 1 SEED 495 Practicum: Pre-Student Teaching
- 1 EDFN 440 Classroom Management
- 9 SEED 488 7-12 Student Teaching

TOTALS:

ID or SSN: