Black Hills State University

Major: **Mathematics - Teaching**
2019-2020 - Status Sheet

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

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

Exit Exam: _____

BBSED.MTH
Prepared by:
Phone #:
Date:

NAME:

ID or SSN:

Gen Ed Requirements

		Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
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 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	

Major Requirements

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

			Course	Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
			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	321	Differential Equations				
3	MATH	351	Foundations of Mathematics				
3	MATH	361	Modern Geometry				
3	MATH	413	Abstract Algebra I				
3	MATH	423	Advanced Calculus I				
3	MATH	481	Probability and Statistics				
3	SEED	418	7-12 Math Methods				
6			*Restricted Electives - take two courses from the following:*				
	MATH	316	Discrete Mathematics				
	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	440	Classroom Management				
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	375	Methods of Technology Integration				
9	SEED	488	7-12 Student Teaching				

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