



Major: **Math & Science - Teaching**  
2019-2020 - Status Sheet

Praxis/PLT: \_\_\_\_\_

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

**BBSed.MSC**  
Prepared by:  
Phone #:  
Date:

120 hours are required to graduate \_\_\_\_\_  
36 hours of upper level are required \_\_\_\_\_

NAME: \_\_\_\_\_

				Has		Needs						Has		Needs					
Gen Ed Requirements				100	300	100	300	Major Requirements				100	300	100	300				
				200	400	200	400					200	400	200	400				
3	ENGL	101	Comp I (min grade C)					<b>Must earn grade of "C" or better in all required coursework.</b>											
3	ENGL	201	Comp II (min grade C)					<b>Take Required Core, Methods, and one science area of study.</b>											
3	SPCM	101	215 222 (min grade C)					<b>Required Core</b>											
3	MATH:	103, 104, 114, 115, 120, 121, 123, 281						3	CSC	150	Computer Science I								
3-5	Natural Science & Lab (see major)							4	MATH	123	Calculus I								
3-5	Natural Science & Lab (see major)							4	MATH	125	Calculus II								
<b>SOCIAL SCIENCE:</b> take 2 courses from two different subject areas.								4	MATH	225	Calculus III								
<b>ARTS &amp; HUMANITIES:</b> take 2 courses from two different subject areas (ART/H) are the same subject), or a Foreign Language Sequence.								3	MATH	281	Introduction to Statistics								
<b>Social Science - 2 courses required</b>								3	MATH	351	Foundations of Mathematics								
<b>PSYC 101</b> required for major, and will also satisfy a SS class. Take 1 additional course from the following:								3	MATH	361	Modern Geometry								
ABS 203	ANTH	210, 220, 230	CJUS 201					3	<i>Take one course from the following:</i>										
ECON 201, 202	GEOG	101, 200, 210, 212, 219						MATH	315	Linear Algebra									
GLST 201	HDFS	141, 210	HIST 151, 152, 256, 257					MATH	316	Discrete Mathematics									
256, 257	INED	211	INFO 102					MATH	321	Differential Equations									
POLS 100, 102, 141, 165, 210, 250, 253	REL	237	SOC 100, 150, 151, 240, 250, 285					MATH	411	Theory of Numbers									
201	SUST	201	UHON 111, 210					MATH	413	Abstract Algebra I									
247								MATH	416	Combinatorics									
<b>Arts &amp; Humanities - 2 courses required</b>								MATH	423	Advanced Calculus I									
ARAB 101, 102	ARCH	241	ART 111, 112, 121, 123					MATH	481	Probability and Statistics									
251	CHIN	101, 102	ENGL 115, 125, 210, 211, 212, 214, 221, 222, 230, 240, 241, 242, 248, 249, 250, 256, 258, 268					<b>Methods - 6 semester hours</b>											
202	GER	101, 102, 201, 202	GFA 101					3	SEED	413	7-12 Science Methods								
HUM 100	LAKL	101, 102, 201, 202	LATI 101, 102					3	SEED	418	7-12 Math Methods								
MUS 100, 117, 130, 131, 200, 201, 203, 240								<b>Biology - 24 semester hours</b>											
PHIL 100, 200, 215, 220, 233, 240, 270, 287								4	BIOL	151/L	General Biology I & Lab								
REL 213, 224, 225, 238, 250	RUSS	101, 102	SPAN 101, 102, 201, 202					4	BIOL	153/L	General Biology II Lab								
201, 231, 270								4	BIOL	311/L	Principles of Ecology & Lab								
<b>Addl. hours in major/minor to meet 50% rule</b>								4	BIOL	325/L	Physiology & Lab								
<b>Addl. hours to meet 60 from 4-yr Inst.</b>								4	BIOL	331/L	Microbiology & Lab								
<b>Addl. hours to total 36 upper level</b>								4	BIOL	371/L	Genetics & Lab								
<b>Addl. hours to total 120</b>								<b>Chemistry - 20 semester hours</b>											
<b>Physics - 19 semester hours</b>								4	CHEM	112/L	General Chemistry I & Lab								
3	PHYS	185/L	Intro to Astronomy & Lab					4	CHEM	114/L	General Chemistry II & Lab								
5	PHYS	211/L	University Physics I & Lab					4	CHEM	326/L	Organic Chemistry I & Lab								
5	PHYS	213/L	University Physics II & Lab					4	CHEM	328/L	Organic Chemistry II & Lab								
3	PHYS	331	Intro to Modern Physics					4	CHEM	332/L	Analytical Chemistry & Lab								
	PHYS	451	Classical Mechanics					<b>Pre-Professional Teaching Core - 21 semester hours</b>											
3	<b>OR</b>							1	EDFN	295	Practicum: Pre-Admission Teaching								
	PHYS	471	Quantum Mechanics					2	EDFN	338	Foundations of American Education								
<b>Earth Science - 20 semester hours</b>								3	EDFN	475	Human Relations								
4	GEOL	201/L	Physical Geology & Lab					3	EPSY	302	Educational Psychology								
4	GEOL	203/L	Historical Geology & Lab					3	EPSY	428	Child & Adolescent Development								
3	GEOL	321	Conservation of Nat. Res.					3	INED	411	South Dakota Indian Studies								
3	PHYS	185/L	Intro Astronomy & Lab					3	<b>PSYC 101</b>	General Psychology (gen ed)									
6	take two courses from the following five courses:							3	SPED	100	Intro to Persons with Exceptionalities								
	GEOL	340	Mineralogy/Petrology					<b>Professional Secondary Ed Teaching Core - 23 semester hours</b>											
	GEOL	350	Environmental Geology					3	EDFN	365	Computer Based Technology & Learning								
	GEOL	360	Environmental Geochemistry					1	EDFN	440	Classroom Management								
	GEOL	370	Hydrogeology					2	MLED	480	Middle Level Methods								
	SCI	388	GPS					3	SEED	408	Plan, Manage & Assess the 7-12 Diverse Classroom								
<b>TOTALS:</b>								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								
<b>TOTALS:</b>								<b>TOTALS:</b>											

ID or SSN: \_\_\_\_\_