



Major: **Math & Science - Teaching**
2017-2018 - Status Sheet

Praxis/PLT: _____

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

B.BSED.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)					Must earn grade of "C" or better in all required coursework.											
3	ENGL	201	Comp II (min grade C)					Take Required Core, Methods, and one science area of study.											
3	SPCM	101	215 222 (min grade C)					Required Core											
3	MATH:	102, 103, 104, 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								
SOCIAL SCIENCE: take 2 courses from two different subject areas.								4	MATH	225	Calculus III								
ARTS & HUMANITIES: 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								
Social Science - 2 courses required								3	MATH	316	Discrete Mathematics								
PSYC 101 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	MATH	413	Abstract Algebra I OR								
ECON 201, 202	GEOG	101, 200, 210, 212, 219						3	MATH	425	Real Analysis I								
GLST 201	HDFS	141, 210	HIST 151, 152, 256, 257					3	Take one course from the following:										
256, 257	INED	211	INFO 102					MATH	315	Linear Algebra									
POLS 100, 102, 141, 165, 210, 250, 253	REL	237	SOC 100, 150, 240, 250, 285					MATH	321	Differential Equations									
237	SOC	100, 150, 240, 250, 285	SUST 201					MATH	411	Theory of Numbers									
UHON 111, 210	WMST	101						MATH	413	Abstract Algebra I									
Arts & Humanities - 2 courses required								MATH	416	Combinatorics									
ARAB 101, 102	ARCH	241	ART 111, 112, 121, 123					MATH	425	Real Analysis I									
121, 123	ARTH	100, 120, 121, 211, 212, 231, 251	CHIN 101, 102					MATH	481	Probability and Statistics									
212, 214, 221, 222, 230, 240, 241, 242, 248, 249, 250, 256, 258, 268	FREN	101, 102, 201, 202	GER 101, 102, 201, 202					Methods - 6 semester hours											
202	GER	101, 102, 201, 202	GFA 101					3	SEED	413	7-12 Science Methods								
GREE 101, 102	HIST	111, 112, 121, 122	HUM 100 200					3	SEED	418	7-12 Math Methods								
HUM 100 200	LAKL	101, 102, 201, 202	LATI 101, 102					Biology - 24 semester hours											
MCOM 151, 160	MFL	101, 102	MUS 100, 117, 130, 131, 200, 201, 203, 240					4	BIOL	151/L	General Biology I & Lab								
MUS 100, 117, 130, 131, 200, 201, 203, 240	PHIL	100, 200, 215, 220, 233, 270, 287	REL 213, 224, 225, 238, 250					4	BIOL	153/L	General Biology II Lab								
213, 224, 225, 238, 250	RUSS	101, 102	SPAN 101, 102, 201, 202					4	BIOL	311/L	Principles of Ecology & Lab								
SPAN 101, 102, 201, 202	THEA	100, 131, 200, 201, 231, 270						4	BIOL	325/L	Physiology & Lab								
Addl. hours in major/minor to meet 50% rule								4	BIOL	331/L	Microbiology & Lab								
Addl. hours to meet 60 from 4-yr Inst.								4	BIOL	371/L	Genetics & Lab								
Addl. hours to total 36 upper level								Chemistry - 20 semester hours											
Addl. hours to total 120								4	CHEM	112/L	General Chemistry I & Lab								
Physics - 19 semester hours								4	CHEM	114/L	General Chemistry II & Lab								
3	PHYS	185/L	Intro to Astronomy & Lab					4	CHEM	326/L	Organic Chemistry I & Lab								
5	PHYS	211/L	University Physics I & Lab					4	CHEM	328/L	Organic Chemistry II & Lab								
5	PHYS	213/L	University Physics II & Lab					4	CHEM	332/L	Analytical Chemistry & Lab								
3	PHYS	331	Intro to Modern Physics					Pre-Professional Teaching Core - 18 semester hours											
	PHYS	451	Classical Mechanics					1	EDFN	295	Practicum: Pre-Admission Teaching								
3	OR							2	EDFN	338	Foundations of American Education								
	PHYS	471	Quantum Mechanics					3	EPSY	302	Educational Psychology								
Earth Science - 20 semester hours								3	EPSY	428	Child & Adolescent Development								
4	GEOL	201/L	Physical Geology & Lab					3	INED	411	South Dakota Indian Studies								
4	GEOL	203/L	Historical Geology & Lab					3	PSYC	101	General Psychology (gen ed)								
3	GEOL	321	Conservation of Nat. Res.					3	SPED	100	Intro to Persons with Exceptionalities								
3	PHYS	185/L	Intro Astronomy & Lab					Professional Secondary Ed Teaching Core - 26 semester hours											
6	take two courses from the following five courses:							3	EDFN	365	Computer Based Technology & Learning								
	GEOL	340	Mineralogy/Petrology					1	EDFN	375	Methods of Technology Integration								
	GEOL	350	Environmental Geology					1	EDFN	440	Classroom Management								
	GEOL	360	Environmental Geochemistry					2	MLED	480	Middle Level Methods								
	GEOL	370	Hydrogeology					3	SEED	408	Plan, Manage & Assess the 7-12 Diverse Classroom								
	SCI	388	GPS					3	SEED	450	7-12 Reading and Content Literacy								
TOTALS:								1	SEED	495	Practicum: Pre-Student Teaching								
								3	EDFN	475	Human Relations								
								9	SEED	488	7-12 Student Teaching								
TOTALS:								TOTALS:											

ID or SSN: _____