



Major: **Biology**
2020-2021 - Status Sheet

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

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

Exit Exam: _____

BSEED.BIO

Prepared by: _____

Phone #: _____

Date: _____

NAME: _____

		Has		Needs	
		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: 103, 104, 114, 115, 120, 121, 123, 281				
3-5	Natural Science & Lab (see major)				
3-5	Natural Science & Lab (see major)				

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					

Minor in Chemistry - Teaching

4	CHEM 112/L Gen. Chem. I/Lab				
4	CHEM 114/L Gen. Chem. II/Lab				
4	CHEM 326/L Organic Chem I/Lab				
4	CHEM 328/L Organic Chem II/Lab				
4	CHEM 332/L Analytical Chem/Lab				
OR					
	CHEM 465/L Biochemistry II/Lab				
3	SEED 413 7-12 Science Methods		*		
+	(If Necessary) Additional hours in major to meet 50% rule				

TOTALS:

		Has		Needs	
		100	300	100	300
		200	400	200	400

Major Requirements

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

Core - 18 semester hours

4	BIOL 151/L General Biology I/Lab				
4	BIOL 153/L General Biology II/Lab				
4	BIOL 371/L Genetics/Lab				
4	BIOL 373/L Evolution/Lab				
2	BIOL 490 Seminar				

25 Restricted Electives - Elective courses shall be taken from two emphases, with at least two courses from each emphasis. Environmental students must take BIOL 311/L. Cell/Physiology students must take BIOL 343/L.

Environmental Biology Emphasis

	BIOL 301/L Plant Systematics/Lab				
	BIOL 302 Animal Behavior				
	BIOL 311/L Principles of Ecology/Lab				
	BIOL 321 Conservation				
	BIOL 355/L Mammalogy/Lab				
	BIOL 357/L Invertebrate Zoology/Lab				
	BIOL 405/L Entomology/Lab				
	BIOL 415/L Mycology/Lab				
	BIOL 434/L Herpetology/Lab				
	BIOL 437 Biometry				
	BIOL 461/L Agrostology/Lab				
	BIOL 462/L Dendrology/Lab				
	BIOL 463/L Ornithology/Lab				

Cellular/Physiology Emphasis

	BIOL 317/L Electron Microscopy/Lab				
	BIOL 325/L Physiology/Lab				
	BIOL 331/L Microbiology/Lab				
	BIOL 343/L Cell & Molecular Biology/Lab				
	BIOL 381/L Vertebrate Anatomy/Lab				
	BIOL 422 Immunology				
	BIOL 430/L Neurobiology/Lab				
	BIOL 437 Biometry				
	BIOL 460/L Evolutionary & Ecological Plant Phys/Lab				
	BIOL 474/L Ecological Genomics/Lab				

Pre-Professional Teaching Core - 15 semester hours

1	EDFN 295 Practicum: Pre-Admission Teaching				
2	EDFN 338 Foundations of American Education				
3	EPSY 302 Educational Psychology				
3	EPSY 428 Child & Adolescent Development				
3	PSYC 101 General Psychology (gen ed)				
3	SPED 100 Intro to Persons with Exceptionalities				

Professional Secondary Ed Teaching Core - 32 semester hours

3	EDFN 365 Computer Based Technology & Learning				
1	EDFN 375 Methods of Technology Integration				
3	EDFN 475 Human Relations				
3	INED 411 South Dakota Indian Studies				
2	MLED 480 Middle Level Methods				
3	SEED 408 Diverse 7-12 Classroom				
3	SEED 413 7-12 Science Methods				
1	SEED 440 Classroom Management				
3	SEED 450 7-12 Reading and Content Literacy				
1	SEED 495 Practicum: Pre-Student Teaching				
9	SEED 488 7-12 Student Teaching				

TOTALS:

ID or SSN: _____