

## **BACHELOR OF SCIENCE SECONDARY SCIENCE EDUCATION**

### **GENERAL EDUCATION REQUIREMENTS**

ENGL 110	English I .....	3 cr.
ENGL 120	English II .....	3 cr.
COMM 110	Speech .....	3 cr.
MATH 103	College Algebra.....	4 cr.
MATH 107	Precalculus.....	5 cr.
MATH 210	Statistics.....	3 cr.
NAS 101	Lakota/Dakota Language I.....	4 cr.
NAS 105	Lakota/Dakota Culture .....	3 cr.
PSYC 100	Psychology of Student Success.....	3 cr.
SOC 100	Job Seeking Skills	
SOC 210	Chemical Dependency I.....	3 cr.
PSYC 101	Introduction to Psychology.....	3 cr.
HPR 106	First Aid/CPR .....	2 cr.
ENS 113	Environmental Science .....	4 cr.
BIOL 240	Ethnobotany .....	3 cr.
BIOL 241	Ethnobotany Lab .....	1 cr.
CSCI 101	Introduction to Computer Applications .....	3 cr.
<b>Total General Education .....</b>		<b>52 credits</b>

### **EDUCATION CORE REQUIREMENTS**

EED 250	Introduction to Education .....	2 cr.
EED 254	Classroom Management.....	3 cr.
EED 256	Foundation of Education .....	3 cr.
EED 260	Educational Psychology.....	3 cr.
EED 298	Pre-Professional Experience .....	1 cr.
EED 301	Computer Applications in the Classroom.....	2 cr.
EED 350	Curriculum Planning, Delivery, and Assessment for the Elementary, Middle, and Secondary School Setting.....	2 cr.
EED 447	Multicultural Education.....	3 cr.
EED 495	Teaching Reading in the Content Area.....	2 cr.
PSYC 252	Child and Adolescent Psychology.....	3 cr.
SED 390	School Science Safety .....	2 cr.
SED 400	Methods & Materials of Secondary Science Education .....	4 cr.
SED 497	Student Teaching in the Secondary School.....	12 cr.
SPD 200	Exceptional Children .....	3 cr.
<b>Total Education Core Requirement .....</b>		<b>45 credits</b>

### **CORE REQUIREMENTS - BIOLOGY**

BIOL 150	Biology I .....	4 cr.
BIOL 151	Biology II .....	4 cr.
BIOL 224	General Ecology.....	4 cr.
BIOL 170	Zoology .....	4 cr.
or		
BIOL 258	Birds and Culture .....	4 cr.
BIOL 450	Mammalogy.....	3 cr.
or		
ENS 331	Wildlife Conservation .....	3 cr.
BIOL 445	Herpetology.....	3 cr.
BIOL 458	Ornithology.....	3 cr.
<b>Total Biology Core Requirement .....</b>		<b>25 credits</b>

### **CORE REQUIREMENTS - CHEMISTRY**

CHEM 115	Introduction to Chemistry .....	4 cr.
CHEM 116	Introduction to Organic and Biochemistry .....	4 cr.

CHEM 403	Analytical Chemistry.....	3 cr.
ENS 321	Environmental Chemistry.....	3 cr.
Total Chemistry Core Requirement .....		14 credits
<b>CORE REQUIREMENTS - GEOLOGY</b>		
GEOL 100	Earth Science.....	4 cr.
GEOL 105	Physical Geology .....	4 cr.
ENS 301	Hydrology .....	3 cr.
ENS 311	Introduction to GIS/GPS .....	3 cr.
<b>Total Geology Core Requirement .....</b>		<b>14 credits</b>
<b>CORE REQUIREMENTS - PHYSICS</b>		
PHYS 102	Physical Science .....	4 cr.
or		
PHYS 211	Physics I.....	4 cr.
<b>Total Physics Core Requirement.....</b>		<b>4 credits</b>
<b>Total Science Core Requirements.....</b>		<b>57 credits</b>
<b>TOTAL DEGREE REQUIREMENTS.....</b>		<b>154 CREDITS</b>