

**DEPARTMENT OF MATH AND SCIENCE  
BACHELOR OF SCIENCE IN NATURAL SCIENCE**

	Where Taken	Date	Grade
<b>1. Core Requirements: (27 Credits Total)</b>			
Engl 103 Freshman English I	3		
Engl 113 Freshman English II	3		
SpCm 103 Speech Communications	3		
Math 163 Trigonometry	3		
MIS 113 Applied Information Processing	3		
100 level science elective**	3		
Social Science Elective	3		
Humanities Elective	3		
Literature Elective	3		
<b>2. Lakota Studies (15 Credits):</b>			
Lak 103 Lakota Language I	3		
Lak 233 Lakota Language II	3		
LSoc 103 Lakota Culture (or LHist 203)	3		
LSci 203 Traditional Plants, Herbs, and Foods	3		
Lak Lakota Elective	3		
<b>3. Natural Science Requirements (32 Credits)</b>			
Math 123 Introduction to Statistics	3		
Bio 153 Biology I	3		
Bio 151 Biology I Lab	1		
Phys 113 Survey of Physics	3		
Chem 233 General Chemistry I *	3		
Chem 231 General Chemistry I Lab	1		
Geol 143 Physical Geology	3		
NSci 253 Hydrology	3		
GIS 213 Introduction to GIS	3		
Bio 223 Ecology	3		
Sci 273 Scientific Literature and Writing	3		
GIS 313 Applications of GIS	3		
<b>Conservation Biology Emphasis Area Professional Requirements: (32 Credits)</b>			
Bio 163 Biology II	3		
Bio 161 Biology II Lab	1		
Rang 103 Botany of the Northern Plains	3		
Chem 243 General Chemistry II	3		
Chem 241 General Chemistry II Lab	1		
Bio 303 Field Ecology	3		
NSci 393 Research Methods	3		
Bio 413 Mammalogy	3		
Biol 453 Advanced Ecology	3		
Biol 463 Evolution	3		
Bio 463 Conservation Biology	3		
NSci 493 Research	3		
<b>Conservation Biology Electives (Minimum of 15 Credits)</b>			
NSci 373 Watershed Assessment Techniques	3		
NaRs 323 Natural Resource Measurements	3		

2014-2015 Catalog

Math 194	Calculus I	4
Biol 413	Animal Behavior	3
Math 483	Multivariate Statistics	3
NSci 473	Wetlands	3
NSci 303	Integrated Environmental Science	3
NSci 323	Principals of Environmental Science	3
Sci 393	Special Topics (needs approval)	3
Sci 493	Special Topics (needs approval)	3
<b>Total Credits</b>		<b>121</b>

**Earth Science Emphasis Area Professional Requirements (28 Credits)**

Geol 153	Historical Geology	3
Chem 243	General Chemistry II	3
Chem 241	General Chemistry II Lab	1
Geol 213	Soils	3
Chem 323	Environmental Chemistry	3
NSci 363	Fluvial Processes and Stream Morphology	3
NSci 373	Watershed Assessment Techniques	3
NSci 393	Research Methods	3
NSci 463	Groundwater	3
NSci 493	Research	3

**Electives (Minimum of 19 Credits)**

Math 194	Calculus I	4
Engr 213/211	Elementary Surveying / Laboratory	4
NSci 323	Principals of Environmental Science	3
GIS 323	Remote Sensing	3
NSci 303	Integrated Environmental Science	3
Geol 303	Soils II	3
NSci 473	Wetlands	3
Chem 423	Laboratory Equipment	3
Math 483	Multivariate Statistics	3
Nsci 483	Paleontology	3
Sci 393	Special Topics (needs approval)	3
Sci 493	Special Topics (needs approval)	3
<b>Total Credits</b>		<b>121</b>

\*Students must either pass an entrance exam for these courses or pass 100-level preparatory courses with a “C” or better. See catalog descriptions. Entrance exams are available from Math and Science Department members during the week of registration.

\*\* Science electives include:

Bio 103 Human Biology  
 Bio 113 People and the Environment

Chem 103 Survey of Chemistry  
 Geol 143 Historical Geology

