

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

	Cr.	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			

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**Total Credits 121**

**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 Morphology	3
NSci 373	Watershed Assessment Techniques	3
NSci 393	Research Methods	3
NSci 463	Groundwater	3
NSci 493	Research	3

**Natural Science Electives**

Conservation Biology Electives (Minimum of 15 Credits)

Earth Science (Minimum of 19 Credits)

Math 194	Calculus I	4
Engr 213/211	Elementary Surveying / Laboratory	4
NSci 303	Integrated Environmental Science	3
Geol 303	Soils II	3
NSci 323	Principals of Environmental Science	3
GIS 323	Remote Sensing	3
NaRs 323	Natural Resource Measurements	3
NSci 373	Watershed Assessment Techniques	3
Biol 413	Animal Behavior	3
Chem 423	Laboratory Equipment	3
Nsci 443	Paleontology	3
NSci 473	Wetlands	3
Math 483	Multivariate Statistics	3
Sci 393	Special Topics (needs approval)	3
Sci 493	Special Topics (needs approval)	3

**Total Credits 121**

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**\*\* 100 Level science electives include: Bio 103 Human Biology and Bio 113 People & The Environment.**

