

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

		Cr.	Where Taken	Date	Grade
1. Core Requirements: (27 Credits Total)					
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			
2. Lakota Studies (15 Credits):					
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			
3. Natural Science Requirements (32 Credits)					
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			
Conservation Biology Emphasis Area Professional Requirements: (32 Credits)					
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

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

