

**EDUCATION DEPARTMENT  
BACHELOR OF SCIENCE SECONDARY EDUCATION  
PHYSICAL SCIENCE DEGREE**

		where	date	grade
<b>1. CORE REQUIREMENTS (24 credit hours)</b>				
Engl 103	Freshman English I	3	_____	_____
Engl 113	Freshman English II	3	_____	_____
SpCm 103	Speech Communication	3	_____	_____
Psy 103	General Psychology	3	_____	_____
Lit 203	Introduction to Literature	3	_____	_____
Math 163	Trigonometry	3	_____	_____
Bio 103	Human Biology	3	_____	_____
	Humanities Elective _____	3	_____	_____
<b>2. LAKOTA STUDIES (15 credit hours)</b>				
Lak 103	Lakota Language I	3	_____	_____
Lak 233	Lakota Language II	3	_____	_____
LSoc 103	Lakota Culture	3	_____	_____
	Lak Elective _____	3	_____	_____
	Lak Elective _____	3	_____	_____
<b>3. PROFESSIONAL CORE REQUIREMENTS (15 credit hours)</b>				
ED 283	Foundations of Education w/soph. exp.	3	_____	_____
ED 303E	Indian Studies	3	_____	_____
ED 313	Educational Psychology	3	_____	_____
EXED 313	Intro. to Ex. Ed./Characteristics & Etiology	3	_____	_____
ED 323	Middle School Concepts	3	_____	_____
<b>4. MATHEMATICS PROFESSIONAL REQUIREMENTS (4 credit hours)</b>				
Math 194	Calculus I	4	_____	_____
<b>5. PHYSICAL SCIENCE PROFESSIONAL REQUIREMENTS (44 credit hours)</b>				
Geol 133	Environmental Geology	3	_____	_____
Phys 113	Survey of Physics	3	_____	_____
Phys 214	Physics I	4	_____	_____
Chem 233	General Chemistry I	3	_____	_____
Chem 231	Experimental General Chemistry Lab I	1	_____	_____
Chem 243	General Chemistry II	3	_____	_____
Chem 241	Experimental General Chemistry Lab II	1	_____	_____
Phys 253	Astronomy	3	_____	_____
Chem 323	Environmental Chemistry	3	_____	_____
Chem 353	Organic Chemistry for Educators I	3	_____	_____
Chem 351	Organic Chemistry for Educators Lab I	1	_____	_____
Chem 363	Organic Chemistry for Educators II	3	_____	_____
Chem 361	Organic Chemistry for Educators Lab II	1	_____	_____
Phys 324	Physics II for Educators	4	_____	_____
Phys 321	Physics II Lab for Educators	1	_____	_____
Phys 434	Modern Physics	4	_____	_____
NSci 483	Renewable Energy Technologies	3	_____	_____
<b>6. PROFESSIONAL REQUIREMENTS (27 credit hours)</b>				
ScEd 443	Reading in the Content Area	3	_____	_____
ED 463	Human Relations	3	_____	_____
ED 483	Technology for Teachers	3	_____	_____
ScEd 403	Methods of Teaching Secondary Mathematics	3	_____	_____
ScEd 413	Methods of Teaching Secondary Science	3	_____	_____
Ed 473	Student Teaching Seminar	3	_____	_____
Ed 489	Student Teaching	9	_____	_____
		<b>TOTAL: 129 CREDITS</b>		

2014-2015 Catalog

**Note:** A GPA of 2.8 or higher must be maintained and all professional and professional core requirements must be completed with a "C" or better. Students must pass the required Praxis II content and pedagogy area exams to be eligible for graduation.