

Major: **Mathematics**

Minor:

Degree: **BS**

Exit Exam: _____

Rising Jr Exam: _____

Black Hills State University
2005-2006 - Status Sheet

NAME: _____

Prepared by: _____

Date: _____

128 hours are required to graduate
45 hours of upper level are required

				Has		Needs	
Gen Ed Requirements				100	300	100	300
				200	400	200	400
3	ENGL	101	Composition I				
3	ENGL	201	Composition II				
3	SPCM	101	215 222				
3	MATH	102	College Algebra				
3-5	Natural Science & Lab						
3-5	Natural Science & Lab						
2	WEL	100/L	Wellness & Lab				

For SGR - Social Science, take 2 courses from two different subject areas. For IGR - Social Science take 1 additional course of your choice. For SGR - Arts & Humanities take 2 courses from two different subject areas. For IGR - Arts & Humanities take 2 additional courses of your choice.

Social Science - 9 hours required

ANTH	210	CJUS	201				
ECON	201 202	HDFS	141 210				
GEOG	101 210						
HIST	151 152 153 257 313#						
POLS	100 141 250 349#						
PSYC	101						
SOC	100 150 350#						

Arts & Humanities - 12 hours required

ARTH	100 121 211 251	ART	111				
ENGL	115 210 211 212 221 241						
ENGL	248 249 256		320# 411#				
FREN	101 102	MCOM	151				
GER	101 102						
HIST	121 122	REL					
HUM	100 387# 388#						
LAKL	101 102						
MUS	100 130 200						
PHIL	100 200 220	MFL					
SPAN	101 102						
THEA	100 131 270						

* Global Requirement: depending on your selection, this requirement will satisfy 3 hours of either Social Science or Arts & Humanities requirements. Take 1 course from: AIS/HIST 257, ANTH 210, ARTH 211/212/251, ENGL 211/212, GEOG 210, HIST 121/122/153, HUM 100, MCOM 151, MUS 130, POLS 141/250

				Has		Needs	
Major Requirements				100	300	100	300
				200	400	200	400
Required Core - 38 semester hours							
5	MATH	123	Calculus I & 123L Lab				
5	MATH	125	Calculus II & 125L Lab				
4	MATH	225	Calculus III				
3	MATH	315	Linear Algebra				
3	MATH	321	Differential Equations				
3	MATH	413	Abstract Algebra I				
3	MATH	425	Real Analysis I				
3	MATH	481	Probability and Statistics				
6	<i>Theoretical Area Electives - take two courses from the following:</i>						
	MATH	414	Abstract Algebra II				
	MATH	422	Complex Variables				
	MATH	426	Real Analysis II				
	MATH	427	Introduction to Functional Analysis				
3	<i>Professional Area Electives - take one course from the following or an additional course from the Theoretical Area.</i>						
	MATH	316	Discrete Mathematics				
	MATH	361	Modern Geometry				
	MATH	373	Introduction to Numerical Analysis				
	MATH	385	Design of Experiments				
	MATH	411	Theory of Numbers				
	MATH	471	Numerical Analysis I				
	MATH	472	Numerical Analysis II				
	MATH	483	Regression Analysis				
	MATH	484	Applied Multivariate Analysis				
A minor is required for this major							
TOTALS:							

Writing	Global	Research					
TOTALS:							

ID or SSN: _____