Black Hills State University

Major: **Mathematics**
2008-2009 - Status Sheet
Minor:
Degree: **Bachelor of Science**
128 hours are required to graduate ____
36 hours of upper level are required ____

Exit Exam: ____
Rising Jr Exam: ____
Prepared by:
Phone #:
Date:

NAME:

ID or SSN:

Gen Ed Requirements	Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
Computer Tech: HSREQ, MIS 105 or 205:				
3 ENGL 101 Composition I				
3 ENGL 201 Composition II				
3 SPCM 101 215 222				
3 MATH: 102, 104, 115, 120, 121, 123, 281				
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 - 3 courses required				
ANTH: 210, 220, 230 CJUS: 201				
ECON: 101, 201, 202 HDFS: 141, 210				
GEOG: 101, 200, 210, 212, 219 GLST: 201				
HIST: 151, 152, 153, 256, 257, 313				
POLS: 100, 102, 141, 165, 210, 250, 253, 349				
PSYC: 101, 102 REL: 237				
SOC: 100, 150, 240, 250, 285, 350				
Arts & Humanities - 4 courses required				
ART: 111, 112, 121, 123 GFA: 101				
ARTH: 100, 121, 211, 212, 231, 251				
ENGL: 115, 210, 211, 212, 214, 221, 222, 230, 240, 241				
ENGL: 242, 248, 249, 250, 256, 258, 268, 320, 411				
HIST: 111, 112, 121, 122 MFL: 101, 102, 134				
HUM: 100, 200, 254, 387, 388 MCOM: 151				
MUS: 100, 130, 131, 200, 201, 203,230, 231, 240				
PHIL: 100, 200, 215, 220, 233, 270 MERP: 160				
REL: 213, 224, 225, 238, 250, 270				
THEA: 100, 131, 200, 201, 231, 270				
FREN: 101, 102 GER: 101, 102 RUSS: 101, 102				
LAKL: 101, 102 SPAN: 101, 102 ARAB/GREE				
* 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				
Writing Global Research				
TOTALS:				

Major Requirements	Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
Required Core - 38 semester hours				
4 MATH 123 Calculus I				
1 MATH 123L Calculus I Lab				
4 MATH 125 Calculus II				
1 MATH 125L Calculus II 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 *Theoretical Area Electives - take two courses from the following:*				
MATH 414 Abstract Algebra II				
MATH 422 Complex Variables				
MATH 426 Real Analysis II				
MATH 427 Introduction to Functional Analysis				
3 *Professional Area Electives - take one course from the following or an additional course from the Theoretical Area.*				
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				
38 TOTALS:				