



Major: **Mathematics - Teaching**
 2011-2012 - Status Sheet

Exit Exam: _____
 Rising Jr Exam: _____

Minor:
 Degree: **Bachelor of Science Education**

B.BSED.MATH

128 hours are required to graduate _____
 36 hours of upper level are required _____

Prepared by:
 Phone #:
 Date:

NAME:

	Has		Needs			Has		Needs	
	100	300	100	300		100	300	100	300
Gen Ed Requirements					Major Requirements				
<i>Computer Tech: HSREQ, MIS 105 or 205:</i>					+ 50% of major/minor courses must be from BHSU				
3 ENGL 101 Composition I					Required Core - 41 semester hours				
3 ENGL 201 Composition II					4 MATH 123 Calculus I				
3 SPCM 101 215 222					4 MATH 125 Calculus II				
3 MATH: 102, 103, 104, 115, 120, 121, 123, 281					2 MATH 221 Intro: Discrete Mathematics				
3-5 Natural Science & Lab					4 MATH 225 Calculus III				
3-5 Natural Science & Lab					3 MATH 315 Linear Algebra				
2 WEL 100/L Wellness & Lab					3 MATH 321 Differential Equations				
Social Science: take 3 courses from at least two different subject areas. Arts & Humanities: take 4 courses from at least two different subject areas (ART(H) are the same subject).					3 MATH 361 Modern Geometry				
Social Science - 3 courses required					3 MATH 413 Abstract Algebra I				
ANTH: 210, 220, 230 CJUS: 201					3 MATH 425 Real Analysis I				
ECON: 101, 201, 202 HDFS: 141, 210					3 MATH 481 Probability and Statistics				
GEOG: 101, 200, 210, 212, 219 GLST: 201					6 <i>Restricted Electives - take two courses from the following:</i>				
HIST: 151, 152, 153, 256, 257, 313					MATH 316 Discrete Mathematics				
POLS: 100, 102, 141, 165, 210, 250, 253, 349					MATH 373 Introduction to Numerical Analysis				
PSYC: 101, 102 REL: 237					MATH 411 Theory of Numbers				
SOC: 100, 150, 240, 250, 285, 350					MATH 414 Abstract Algebra II				
Arts & Humanities - 4 courses required					MATH 422 Complex Variables				
ART: 111, 112, 121, 123 GFA: 101					MATH 426 Real Analysis II				
ARTH: 100, 121, 211, 212, 231, 251					MATH 427 Introduction to Functional Analysis				
ENGL: 115, 210, 211, 212, 214, 221, 222, 230, 240, 241					MATH 471 Numerical Analysis I				
ENGL: 242, 248, 249, 250, 256, 258, 268, 320, 411					MATH 472 Numerical Analysis II				
HIST: 111, 112, 121, 122 MFL: 101, 102, 134					MATH 483 Regression Analysis				
HUM: 100, 200, 254, 387, 388 MCOM: 151					MATH 484 Applied Multivariate Analysis				
MUS: 100, 130, 131, 200, 201, 203, 230, 231, 240					MATH 487 Design of Experiments				
PHIL: 100, 200, 215, 220, 233, 270 MERP: 160					3 SEED 418 7-12 Math Methods				
REL: 213, 224, 225, 238, 250, 270					Pre-Professional Teaching Core - 21 semester hours				
THEA: 100, 131, 200, 201, 231, 270					1 EDFN 295 Practicum: Pre-Admission Teaching				
FREN: 101, 102 GER: 101, 102 RUSS: 101, 102					2 EDFN 338 Foundations of American Education				
LAKL: 101, 102 SPAN: 101, 102 ARAB/GREE					3 EDFN 475 Human Relations				
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					3 EPSY 302 Educational Psychology				
					3 EPSY 428 Child & Adolescent Development				
					3 INED 411 South Dakota Indian Studies				
					3 PSYC 101 General Psychology				
					3 SPED 405 Educating Secondary Students with Disabilities				
					Professional Secondary Ed Teaching Core - 24 semester hours				
					3 EDFN 365 Computer Based Technology & Learning				
					2 MLED 480 Middle Level Methods				
					3 SEED 408 Plan, Manage & Assess the 7-12 Diverse Classroom				
					3 SEED 450 7-12 Reading and Content Literacy				
					1 SEED 495 Practicum: Pre-Student Teaching				
					12 SEED 488 7-12 Student Teaching				
					+ (If Necessary) Additional hours in major to meet 50% rule				
Additional hours to total 36 upper level									
Additional hours to total 128									
TOTALS:					86	TOTALS:			

ID or SSN: