



Major: **Mathematics - Teaching**  
2015-2016 - Status Sheet

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

120 hours are required to graduate \_\_\_\_\_  
36 hours of upper level are required \_\_\_\_\_

Exit Exam: \_\_\_\_\_  
CAAP Proficiency Exam: \_\_\_\_\_

**B.BSED.MATH**  
Prepared by:  
Phone #:  
Date:

NAME:

Gen Ed Requirements	Has		Needs	
	100	300	100	300
3 ENGL 101 Comp I (min grade C)				
3 ENGL 201 Comp II (min grade C)				
3 SPCM 101 215 222 (min grade C)				
3 MATH: 102, 103, 104, 115, 120, 121, 123, 281				
3-5 Natural Science & Lab				
3-5 Natural Science & Lab				
2 WEL 100/L Wellness & Lab				
<b>Social Science:</b> take 3 courses from at least two different subject areas. <b>Arts &amp; Humanities:</b> take 4 courses from at least two different subject areas (ART/H) are the same subject). <b>Globalization:</b> take 1 course with a # when selecting Social Science or Arts & Humanities courses.				
<b>Social Science - 3 courses required</b>				
PSYC 101 required for major, and will also satisfy a SS class. Take 2 additional courses from the following:				
ANTH: 210#, 220, 230 CJUS 201 ECON 101, 201				
ECON 202 GEOG 101, 200, 210#, 212, 219				
GLST 201 HDFS 141, 210 HIST 151, 152, 256				
HIST 257# 313 INED 211 INFO 110 NATV 110				
POLS 100, 102, 141#, 210, 250#, 253, 349				
REL 237 SOC 100, 150, 240, 250, 285, 350				
SUST 201 UHON 111, 210 WMST 101				
<b>Arts &amp; Humanities - 4 courses required</b>				
ARAB 101, 102 ART 111, 112, 121, 123 ARTH 100				
ARTH 121, 211#, 212#, 231, 251# CHIN 101, 102				
ENGL 115, 210, 211#, 212#, 214, 221, 222, 230, 240				
ENGL 241, 242, 248, 249, 250, 256, 258, 268, 320, 411				
FREN 101, 102, 201, 202 GER 101, 102 201, 202				
GFA 101 GREE 101, 102 HIST 111, 112, 121#, 122#				
HUM 100#, 200, 387, 388 LAKL 101, 102 LATI 101, 102				
MCOM 151#, 160 MFL 101, 102 MUS 100, 130, 131				
MUS 200, 201, 240 PHIL 100, 200, 215, 220, 233				
PHIL 270, 287 REL 213, 224, 225, 238, 250, 270				
RUSS 101, 102 SPAN 101, 102, 201, 202				
THEA 100, 131, 200, 201, 231, 270				
<b>Additional hours to total 36 upper level</b>				
<b>Additional hours to total 120</b>				
<b>TOTALS:</b>				

Major Requirements	Has		Needs	
	100	300	100	300
<b>+ 50% of major/minor courses must be from BHSU</b>				
<b>Must earn grade of 'C' or better in all required coursework.</b>				
<b>Required Core - 35 semester hours</b>				
4 MATH 123 Calculus I				
4 MATH 125 Calculus II				
2 MATH 221 Intro: Discrete Mathematics				
4 MATH 225 Calculus III				
3 MATH 315 Linear Algebra				
3 MATH 321 Differential Equations				
3 MATH 361 Modern Geometry				
3 MATH 413 Abstract Algebra I (Writing)				
3 MATH 425 Real Analysis I (Writing)				
3 MATH 481 Probability and Statistics (Experiential)				
3 SEED 418 7-12 Math Methods				
<b>6 Restricted Electives - take two courses from the following:</b>				
MATH 316 Discrete Mathematics				
MATH 411 Theory of Numbers				
MATH 416 Combinatorics				
MATH 421 Complex Analysis				
MATH 440 Mathematics of Finance				
MATH 450 History of Mathematics				
MATH 461 Introduction to Topology				
MATH 487 Design of Experiments				
<b>Pre-Professional Teaching Core - 18 semester hours</b>				
1 EDFN 295 Practicum: Pre-Admission Teaching				
2 EDFN 338 Foundations of American Education				
3 EPSY 302 Educational Psychology				
3 EPSY 428 Child & Adolescent Development				
3 INED 411 South Dakota Indian Studies				
3 PSYC 101 General Psychology (gen ed)				
3 SPED 300 Students with Exceptionalities				
<b>OR</b>				
3 SPED 405 Educating Secondary Students with Disabilities				
<b>Professional Secondary Ed Teaching Core - 24 semester hours</b>				
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				
3 EDFN 475 Human Relations				
9 SEED 488 7-12 Student Teaching				
<b>+ (If Necessary) Additional hours in major to meet 50% rule</b>				
<b>TOTALS:</b>				

ID or SSN: