Major: **Mathematics**

2016-2017 - Status Sheet

Minor:

Degree: **Bachelor of Science**

120 hours are required to graduate _____

36 hours of upper level are required _____

Exit Exam: _____

CAAP Proficiency Exam: _____

B.BS.MATH

Prepared by:

Phone #:

Date:

NAME:

ID or SSN:

Gen Ed Requirements				Has 100 200	Has 300 400	Needs 100 200	Needs 300 400
3	ENGL	101	Composition I				
3	ENGL	201	Composition II				
3	SPCM	101	215 222				
3	MATH: see major						
3-5	Natural Science & Lab						
3-5	Natural Science & Lab						

SOCIAL SCIENCE: take 2 courses from two different subject areas. **ARTS & HUMANITIES:** take 2 courses from two different subject areas (ART/H) are the same subject). **GLOBALIZATION:** take 1 course with a # when selecting Social Science or Arts & Humanities courses.

Social Science - 2 courses required

ABS 203 ANTH 210#, 220, 230 CJUS 201 ECON 201, 202 GEOG 101, 200, 210#, 212, 219 GLST 201 HDFS 141, 210 HIST 151, 152, 256, 257# INED 211 INFO 102 NATV 110 POLS 100, 102, 141#, 165, 210, 250#, 253 PSYC 101 REL 237 SOC 100, 150, 240, 250, 285 SUST 201 UHON 111, 210 WMST 101

Arts & Humanities - 2 courses required

ARAB 101, 102 ARCH 241 ART 111, 112, 121, 123 ARTH 100, 120, 121, 211#, 212#, 231, 251# CHIN 101, 102 ENGL 115, 125, 210, 211#, 212#, 214, 221, 222, 230, 240, 241, 242, 248, 249, 250, 256, 258, 268 FREN 101, 102, 201, 202 GER 101, 102, 201, 202 GFA 101 GREE 101, 102 HIST 111, 112, 121#, 122# HUM 100# 200 LAKL 101, 102, 201, 202 LATI 101, 102 MCOM 151#, 160 MFL 101, 102 MUS 100, 117, 130, 131, 200, 201, 203, 240# PHIL 100, 200, 215, 220, 233, 270, 287 REL 213, 224, 225, 238, 250 RUSS 101, 102 SPAN 101, 102, 201, 202 THEA 100, 131, 200, 201, 231, 270

Additional hours to total 36 upper level

Additional hours to total 120

TOTALS:

Major Requirements				Has 100 200	Has 300 400	Needs 100 200	Needs 300 400
+ 50% of major/minor courses must be from BHSU							
Required Core - 29 semester hours							
4	MATH	123	Calculus I (gen ed)				
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	413	Abstract Algebra I (Writing)				
3	MATH	425	Real Analysis I (Writing)				
3	MATH	481	Probability and Statistics (Experiential)				
9	***Restricted Electives - take three courses from the following:***						
	MATH	316	Discrete Mathematics				
	MATH	361	Modern Geometry				
	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				
+	(If Necessary) Additional hours in major to meet 50% rule						
	A minor is required for this major						

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TOTALS: