

Expected grad date _____

**BS – MATHEMATICS
2000-2002 CATALOG**

Date Of Audit _____

Legend: T = Transfer WV = Wavier

Core Requirements, 48 Hours

UNIV 101/102 or UNIV 110 (2 Hours)	_____	PHIL 110 Critical Thinking	_____
ENGL 110 English Comp I	_____	ENGL 120 English Comp II	_____
MATH 131* Algebra & Trigonometry	_____	MATH 142 Calc/Analytic Geometry	_____
PHYS 121 College Physics I	_____	PHYS 122 College Physics II	_____
HUMN/Fine Arts Elective	_____	HIST/SOCI Science Elective	_____
HEED112 Or 2hrs PEDU	_____	SPEE 200 Intro To Speech	_____
PHYS 123 College Physics III	_____	Restricted Elective	_____
Restricted Elective	_____		

*MATH 121, and/or MATH 129 and MATH 130 may be required depending upon profile examination scores. MATH 129, and MATH 130, with a grade of C or better in each, may be used to replace MATH 131.

Major Courses, 41 Hours

MATH 150 Discrete Math I	_____	MATH 241 Calc W/Analytic Geometry II	_____
MATH 242 Calc W/Analytic Geometry III	_____	MATH 251 Linear Algebra	_____
MATH 260 Foundations of Mathematics	_____	MATH 331 Differential Equations I	_____
MATH 361 Intro to Modern Algebra I	_____	MATH 362 Intro to Modern Algebra II	_____
MATH 372 Linear Programming	_____		

Select four from the following five courses:

MATH 241 Advanced Calculus _____ MATH 461 Theory of Real Variables _____ MATH 472 Theory of Numbers _____ MATH 481 Introduction to Topology _____ MATH 492 Complex Variables _____

Other Course Requirements, 17 Hours

PHYS 211 Mechanics	_____	PHYS 212 Heat	_____
STAT 301 Introduction to Probability	_____	STAT 302 Mathematical Statistics	_____
CSC 101 or above	_____		

Restricted Electives, 9 Hours and Electives, 6 Hours

*Restricted Elective	_____		
*Restricted Elective	_____	*Restricted Elective	_____
**Elective	_____	**Elective	_____

*Choose from: CHEM 140 or above, CSC 100 or above, MATH 300 level or above, PHYS 300 level or above, STAT 400 level or above, Business/Economics 200 level or above

**Electives are open with the approval of the Department of Mathematics and Computer Science.

Name: _____ SSN: _____

Advisor: _____ Cumulative GPA: _____ Minimum Hours Required: 121

Total Hours To Date: _____

Other program requirements:

1. A student must pass prerequisite courses with a grade of "C" or higher before enrolling in subsequent courses.
2. The mathematics major must complete a departmental comprehensive examination in the senior year.