

# MATHEMATICS MAJOR

## General Concentration

This worksheet is a guide to supplement your degree audit in Degree Works. All students need a minimum of 30 FSU course-credits to graduate. For students who change majors or enter FSU with transfer credits, your degree audit may appear differently, as previous coursework could fulfill Domains and Free Electives. Please see your Advisor and/or The Advising Center with any questions.

### DOMAIN GENERAL EDUCATION (11 Courses Required):

The FSU General Education program consists of 11 requirements. In Mathematics Domain II-A is satisfied through completion of the major (X), leaving **ten (10) courses to be completed** to satisfy the remaining General Education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the course title will meet General Education requirements. Please refer to the Undergraduate Catalog for full information.

#### Common Core

\_\_\_\_\_ A. ENWR 110 Composition II  
 \_\_\_\_\_ B. MATH/STAT XXX (credit-bearing): \_\_\_\_\_

#### Domain I

\_\_\_\_\_ A. Creative Arts: \_\_\_\_\_  
 \_\_\_\_\_ B. Humanities: \_\_\_\_\_  
 \_\_\_\_\_ C. Language: \_\_\_\_\_

#### Domain II

\_\_\_\_\_ X A. Analysis, Modeling, Problem-Solving  
 \_\_\_\_\_ B. Natural Sciences (2): Non-Lab Science: \_\_\_\_\_  
 \_\_\_\_\_ Lab Science: \_\_\_\_\_

#### Domain III

\_\_\_\_\_ A. Perspectives on the Past: \_\_\_\_\_  
 \_\_\_\_\_ B. Perspectives on Contemporary World: \_\_\_\_\_  
 \_\_\_\_\_ C. Global Competency, Ethical Reasoning,  
 and/or Human Diversity: \_\_\_\_\_

X = Fulfilled through completion of major

\* = Required course in the major

### MAJOR COURSES (14):

#### Required Core Courses (8):

_____	MATH 206	Discrete Math I
_____	MATH 219	Calculus I
_____	MATH 220	Calculus II
_____	MATH 221	Calculus III
_____	MATH 226	Linear Algebra and Applications
_____	MATH 419	Abstract Algebra I
_____	STAT 157	Probability and Statistics
_____	CSCI XXX	One Computer Science course (possible Domain Gen. Ed. course)

#### General Concentration (6):

\_\_\_\_\_ MATH 427 Real Analysis

#### **Five (5) electives from: MATH 222 or any MATH 3XX or STAT 3XX**

_____	MATH 222	Differential Equations
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

#### FREE ELECTIVES (0-6): May be used toward a minor

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____