MATHEMATICS MAJOR
Concentration in Teaching and Minor in Secondary Education

This worksheet is a guide to <u>supplement</u> 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). One (1) additional subdomain is met by a specific course in the major (see below), leaving ***nine (9) 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: <u>PSYC 200*</u>
_____   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)

Concentration in Teaching (6):

_____	MATH 317	Higher Geometry
_____	MATH 322	History of Mathematics
_____	MATH 427	Real Analysis

Three (3) electives from: MATH 222 or any MATH 3XX or STAT 3XX

_____	MATH 222	Differential Equations
_____	_____	
_____	_____	
_____	_____	

Secondary Education Minor Requirements

Option A: Teacher of Mathematics 5-8 (7 courses, 9 course-credits):

_____	EDUC 200	Foundations of Secondary Education with Pre-Practicum I
_____	EDUC 246	Sheltered English Immersion in Sec. Education
_____	EDIL 302	Secondary Methods with Field Study II: Special Needs and Educational Technology
_____	EDIL 323	Secondary Methods with Field Study II: Mathematics Grades 5-8/8-12
_____	EDPS 423A	Secondary Professional Practicum A: Mathematics 5-8 (2 course-credits)
_____	EDPS 423B	Secondary Professional Practicum B: Mathematics 5-8 (2 course-credits)
_____	PSYC 200	Psychology of Development (III-B)*

* Fulfills a General Education requirement

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Option B: Teacher of Mathematics 8-12 (7 courses, 9 course-credits):

_____	EDUC 200	Educ. in Amer. Society with Field Study I
_____	EDUC 246	Sheltered English Immersion in Sec. Education
_____	EDIL 302	Secondary Methods with Field Study II: Special Needs and Educational Technology
_____	EDIL 323	Secondary Methods with Field Study II: Mathematics Grades 5-8/8-12
_____	EDPS 424A	Secondary Professional Practicum A: Mathematics 8-12 (2 course-credits)
_____	EDPS 424B	Secondary Professional Practicum B: Mathematics 8-12 (2 course-credits)
_____	PSYC 200	Psychology of Development (III-B)*

* Fulfills a General Education requirement

FREE ELECTIVES (0):

All free electives will be used to complete the minor.