

MATHEMATICS MAJOR

General Concentration

This worksheet is a guide to supplement your degree audit in Degree Works. All students need 32 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 catalog (p. 365) 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

Mathematics or Statistics electives from the following (5):

- _____ MATH 222 Differential Equations
 Any MATH or STAT course at 300-level or above

FREE ELECTIVES (1-8): May be used toward a minor

