

Student Program Notification

Department of Mathematics

Degree Sought: B.S. in Mathematics (Traditional Option)

Student Name: _____ *New or Transfer Student (Circle One)*

Student SSN: _____ *Transfer From:* _____

Advisor Name: _____ *Date Major Declared:* _____

Course specified in Core Areas A, B, C, D, and E (See Catalog). Math 1634 must be taken in Area D.

Course Specified in Core Area F:

<u>Number</u>	<u>Title</u>
MATH 1113	Precalculus (1 hour + 3 hours in Core Area A)
MATH 1634	Calculus I (1 hour + 3 hours in Core Area D)
MATH 2009	Sophomore Seminar (1 hour)
MATH 2644	Calculus II (4 hours)
MATH 2654	Calculus III (4 hours)
MATH 2853	Elementary Linear Algebra (3 hours)
CS 1300	Introduction to Computer Science (4 hours)

Upper Level Courses in Major and Supporting Courses

<u>Number</u>	<u>Title</u>
CS 1301	Computer Science I (3 hours)
MATH 3003	Transition to Advanced Mathematics (3 hours)
MATH 3243	Advanced Calculus (3 hours)
MATH 4413	Abstract Algebra (3 hours)
MATH 4983	Senior Project (1 hour)

One Course from:

<u>Number</u>	<u>Title</u>
MATH 4253	Real Analysis (3 hours)
MATH 4353	Complex Analysis (3 hours)

One Course from:

<u>Number</u>	<u>Title</u>
MATH 4043	Number Theory (3 hours)
MATH 4413	Abstract Algebra I (3 hours)
MATH 4513	Linear Algebra I (3 hours)

One Course from:

<u>Number</u>	<u>Title</u>
MATH 4233	College Geometry (3 hours)
MATH 4613	Introduction to Topology (3 hours)

One Course Sequence from:

<u>Number</u>	<u>Title</u>
MATH 4203	Mathematical Probability (3 hours)
MATH 4213	Mathematical Statistics (3 hours)
MATH 4233	College Geometry (3 hours)
MATH 4613	Introduction to Topology (3 hours)
MATH 4413	Abstract Algebra I (3 hours)
MATH 4423	Abstract Algebra II (3 hours)
MATH 4253	Real Analysis (3 hours)
MATH 4353	Complex Analysis (3 hours)
MATH 4513	Linear Algebra I (3 hours)
MATH 4523	Linear Algebra II (3 hours)
MATH 4473	Combinatorics (3 hours)
MATH 4483	Graph Theory (3 hours)

Three additional courses at or above the 3000-level (excluding service courses for elementary education), so that at least one of the following two-semester sequences is satisfied:

MATH 4203 Mathematical Probability	4213 Mathematical Statistics
MATH 4233 College Geometry	4613 Introduction to Topology
MATH 4253 Real Analysis	4353 Complex Analysis
MATH 4413 Abstract Algebra I	4423 Abstract Algebra II
MATH 4473 Combinatorics	4483 Graph Theory
MATH 4513 Linear Algebra I	4523 Linear Algebra II

Policies and Stipulations applicable to this degree program. (These may or may not appear in the College Catalog, but are nevertheless applicable and enforceable).

- 1) No student may graduate with fewer than 120 hours.
- 2) No courses may be substituted for listed required courses.
- 3) Students must complete U.S. and GA History, U.S. and GA Constitution.
- 4) No PE hours may be counted in the 120 hours required for graduation.
- 5) Each student must complete at least 6 hours of WAC courses
- 6) Each student must complete 39 hours at or above the 3000-level.

I have read and I understand the prescribed course requirements listed above leading to the degree I am seeking, and I accept without condition the policies and stipulations governing this degree program.

Signature of Student

Date

Signature of Advisor

Date

Signature of Department Chair

Date

Signature of Dean

Date

Revised 8/21/07