

Student Program Notification

Department of Mathematics

Degree Sought: B.S. in Mathematics (Applied Computational 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)
MATH 1634	Calculus I (1 hour)
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 3303	Ordinary Differential Equations (3 hours)
MATH 3353	Methods of Applied Mathematics (3 hours)
MATH 4013	Numerical Analysis (3 hours)
MATH 4253	Real Analysis (3 hours)
MATH 4363	Partial Differential Equations (3 hours)
MATH 4513	Linear Algebra I (3 hours)
MATH 4983	Senior Project (1 hour)

One Course from:

<u>Number</u>	<u>Title</u>
MATH 4153	Applied Mathematical Modeling
MATH 4203	Mathematical Probability
MATH 4313	Theory of Ordinary Differential Equations
MATH 4353	Complex Analysis

Three courses numbered at or above the 2000-level from one of the following lists:

- 1) ACCT, ECON, FINC, MGMT, MKTG
- 2) BIOL, CHEM, PHYS, GEOL
- 3) CS

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