Program of Study: (60 hours) Grade of “C” or Better 
(39 hours must be at the 3000-4000 level)

School Grade

Required Mathematics Courses (27 hours)

1. MATH 3100 Differential Equations I
2. MATH 3300 Probability and Statistics
3. MATH 3350 Applied Mathematics
4. MATH 3450 Numerical Methods I
5. MATH 3500 Abstract Algebra I
6. MATH 3700 Real Analysis I
7. MATH 4100 Differential Equations II
8. MATH 4600 Adv Mathematical Modeling
9. MATH 4900 Capstone Course

Math/ Applied Elective Courses (9 hours)

Any combination of 3000/4000 level MATH courses (except MATH 3008, 3011, 3111, 3311 or 3600) or 3000/400 level classes from the Approved* Applied Field.

Required Courses in Applied Field (12 hrs)

Approved* Applied Field Any Level (8 hrs)
Approved *Applied Field 3000/4000 level (4 hrs)

‘Applied Field and Applied Elective Course must be approved in writing by a designated Applied Math faculty advisor

Other Required Courses (0–7 hours)

ITEC 2120 Introduction to Programming
MATH 2600 Mathematical Modeling

Additional Electives 5–12 hours)

Additional Requirements (3)

Physical Education Requirement

Choices for Life (1 hour)

Additional Physical Education (2 hours)

Regents Requirements – The requirements for US and Georgia History and Constitution can be satisfied by transfer credit of HIST 2111 OR 2112 and POLS 1101 from a University System of Georgia institution. If not satisfied, the student should work with their adviser concerning exemption exams or can complete the courses.

US Constitution
Georgia Constitution
US History
Georgia History