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

**Required Mathematics Courses (24-27 hrs)**
- MATH 2300 Discrete Mathematics
- MATH 3000 Geometry
- MATH 3300 Probability and Statistics
- MATH 3500 Abstract Algebra I
- MATH 3550 History of Mathematics
- MATH 3700 Real Analysis I
- Choose one of the following:
  - MATH 4500 Abstract Algebra II
  - MATH 4700 Real Analysis II
  - MATH 4900 Capstone Course

**Mathematics Elective Courses (6-9 hours)**
- MATH 3100 Differential Equations I
- MATH 4150 Complex Analysis
- MATH 4500 Abstract Algebra II
- MATH 4600 Adv Mathematical Modeling
- MATH 4700 Real Analysis II

**Required Education Courses (35 hours)**
(Formal Admission to Teacher Education Required)
- EDUC 2110 Exploring Critical & Contemporary Issues in Education*
- EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts*
- EDUC 2130 Exploring Learning and Teaching*
- EDUC 3300 Teaching Exceptional Learners
- EDUC 3350 Models of Teaching and Learning
- MATH 3600 Math Contents Methods
- EDUC 4060 Opening of School Experience: Mathematics
- EDUC 4500 Assessment
- EDUC 4550 Instructional Adaptation
- EDUC 4800 Leadership Seminar
- EDUC 4860 Student Teaching: Mathematics

**Additional Requirements**
- Student Success courses may be required for entry in other courses.
- Pass or Exempt Regents’ Reading Test
- Pass or Exempt Regents’ Writing Test
- Admission to Teacher Education

**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

**General Education: (60 hours)**

**School Grade**

**Area A - Essential Skills: (9 hours)**
- ENGL 1101 English Composition I
- ENGL 1102 English Composition II
- MATH 1113 Pre-calculus OR MATH 2200 Calculus I

**Area B - Institutional Option (4 hours)**
- ITEC 1001 Introduction to Computing

**Area C - Humanities/Fine Arts (6 hours)**
- Choose one from the following:
  - MUSC 1100/ARTS 1100/ENGL 2110/2100/FILM 1005
- Choose one from the following:
  - RELN 1100/GEOG 1101/2000 level foreign language

**Area D – Natural Sciences, Math, Technology (11 hours)**
- CHEM 1211 and 1212K
- Choose one from the following:
  - ITEC 2111 Digital Media
  - ITEC 2120 Introduction to Programming

**Area E – Social Science (12 hours)**
- Choose one sequence from the following:
  - HIST 2111 and 2112 U.S. History I & II or
  - HIST 1111 and 1112 World History I & II or
  - HIST 1121 and 1122 Western Civ I & II
  - POLS 1101 American Government
- Choose one from the following:
  - SOCI 1101/ANTH 1102/ECON 2100/PSYC 1102

**Area F – Courses Related to the Program of Study (18 hours) (“C” or better)**
- MATH 2200 Calculus I (if not taken in Area A)
- MATH 2210 Calculus II
- MATH 2220 Calculus III
- MATH 2400 Linear Algebra I
- MATH 2500 Foundations of Mathematics
- Choose one if MATH 2200 is taken in Area A:
  - MATH 2000/MATH 2300/MATH 2600
- 1 hour each from Area A and D

**Additional Requirements**
- Physical Education Requirement
  - Wellness (1 hour)
  - Additional Physical Education (2 hours)
  - GGC 1000 (if entered with less than 30 hours)

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**How to use this program plan:** Write the grade for the course that satisfies each requirement. If the student takes a course that is chosen from a list of possible courses, circle the course number taken in addition to writing the grade.