General Education: (60 hours)

School  Grade

Area A - Essential Skills: (9 hours)  ("C" or better)

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 lang

Area D – Natural Sciences, Math, Technology (11 hours)

CHEM 1211K and 1212K
Choose one from the following:
ITEC 2110 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 2450 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 (3-4 hours)

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

Additional Requirements

Required Mathematics Courses (27 hours)

MATH 3100 Differential Equations I
MATH 3300 Probability and Statistics
MATH 3350 Applied Mathematics
MATH 3450 Numerical Methods I
MATH 3500 Abstract Algebra I
MATH 3700 Real Analysis I
MATH 4100 Differential Equations II
MATH 4600 Adv Mathematical Modeling
Choose one of the following:
MATH 4900/STEC 4500

Math/App. Elective Courses (8 hours)

MATH 3400 Linear Algebra II
MATH 4150 Complex Analysis
MATH 4250 Topology
MATH 4300 Probability & Statistics II
MATH 4500 Abstract Algebra II
MATH 4700 Real Analysis II

Required Courses in Applied Field (12 hrs)

Any level (8 hrs)
3000/4000 level (4 hrs)

Other Required Courses (0-7 hours)

ITEC 2120 Introduction to Programming
MATH 2600 Mathematical Modeling

Additional Electives (6-13 hours)

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

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