

B.S. Mathematics – Teacher Certification
2016-2017 Catalog

This plan is an unofficial document used for advisement only.

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.

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)

Select one from the following:

- _____ MUSC 1100/ARTS 1100/ENGL 2111, 2112, 2121, 2122, 2131, 2132/FILM 1005

Select one from the following:

- _____ RELN 1100/GEOG 1101/2000 level foreign lang

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

- _____ CHEM 1211K Principles of Chemistry I
- _____ CHEM 1212K Principles of Chemistry II

Select one from the following:

- _____ ITEC 2110 Digital Media
- _____ ITEC 2120 Introduction to Programming

Area E – Social Science (12 hours)

- _____ POLS 1101 American Government
- _____ HIST 2111 or HIST 2112 U.S. History I & II

Select one course:

- _____ HIST 2111 (if not used above)
- _____ HIST 2112 (if not used above)
- _____ HIST 1111 World History I
- _____ HIST1112 World History II
- _____ HIST 1121 Western Civ I
- _____ HIST1122 Western Civ II
- _____ PSYC 1102/SOCI 1101/ANTH 1102/ECON2100

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
- _____ Select one if MATH 2200 is taken in Area A:
MATH 2000/MATH 2300/MATH 2600
- _____ 1 hour each from Area A and D

Student Name _____

Id No _____

S. Phone (w) _____ (h) _____

Adviser _____

A. phone _____

A. email _____

Additional Requirements (3hours)

Physical Education Requirement

- _____ Choices for Life (1 hour)
- _____ Additional Physical Education (2 hours)

Additional Requirements

- _____ 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

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

School Grade

Required Mathematics Courses (15-18 hrs)

- _____ MATH 2000 Statistics (if not taken in Area F)
- _____ MATH 3021 Geometry
- _____ MATH 3300 Probability and Statistics
- _____ MATH 3500 Abstract Algebra I
- _____ MATH 3550 History of Mathematics
- _____ MATH 3700 Real Analysis I

Mathematics Elective Courses (6-9 hours)

Any 3000/4000 level math course with the exception of MATH 3008, MATH 3011, MATH 3111 or MATH 3600

Required Education Courses (41 hours)

(Formal Admission to Teacher Education Required)

- _____ EDUC 2110 Exploring Critical & Contemporary Issues in Education*
- _____ EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educ. Contexts*
- _____ EDUC 2130 Exploring Learning and Teaching*
- _____ EDUC 3300 Contexts for Learning
- _____ EDUC 3350 Models of Teaching and Learning
- _____ READ 3400 Content Area Literacies
- _____ EDUC 3600 Teaching Methods: Grades 6-12
- _____ EDUC 4060 Opening of School Experience: Mathematics
- _____ EDUC 4500 Assessment
- _____ EDUC 4550 Instructional Adaptation
- _____ EDUC 4800 Leadership Seminar
- _____ EDUC 4865A Student Teaching: Prof Prac MATH
- _____ EDUC 4865B Student Teaching: Plan & Assessment

MATH