

Math Education Middle and Secondary

GENERAL EDUCATION STUDIES 64 Hours

General Education: 14 hours

COM 1143 Fundamentals of Speech Communication
ENG 1113 Composition and Rhetoric I
ENG 1123 Composition and Rhetoric II
ENG 2273 Introduction to Literature
GES 1122 Strategies for Student Success

Social/Behavioral Sciences: 15 hours

GOV 2213 National and State Government
GOV 2333 World Political Systems
HIS 1113 American History I
HIS 1123 American History II
PSY 2323 Developmental Psychology

Natural Science/Mathematics: 11 hours

BIO 1113 Biological Science
PHY 1113 Physical Science

1 hour from the following:

BIO 1111 Introductory Biology Lab
PHY 1111 Introduction to Physical Science Lab

MTH 2211 Calculus I Lab
MTH 2213 Calculus I

General Biblical Studies: 24 hours

BIB 1143 The Church in Mission
BIB 2213 Bible Study
CMN 2213 Foundations of Church Ministries
REL 1133 Authentic Christianity
REL 1153 New Testament Literature
REL 1163 Old Testament Literature
THE 2113 Introduction to Theology and Apologetics
THE 2333 Pentecostal Doctrine and History

The Mathematics Middle and Secondary degree is designed to give students the spiritual, academic, professional and cross-cultural resources to be leaders in middle and secondary education classrooms around the world.

Upon completion of this program, students will:

1. Demonstrate proficiency in an education content area.
2. Design and implement instruction and assessment based on State Board for Educator Standards for public schools and ACSI and ACTS guidelines for private schools.
3. Demonstrate the ability to create positive, productive classroom environments utilizing formal and informal settings and appropriate classroom management strategies.
4. Demonstrate knowledge of professional roles and responsibilities for public and private schools.

Math Education *continued*

MAJOR STUDIES 56 Hours

Mathematics: 24 hours

MTH 2221 Calculus II Lab

MTH 2223 Calculus II

MTH 3313 Calculus III

MTH 3323 Introduction to Proofs and Discrete Mathematics

MTH 3333 Introduction to Linear Algebra

MTH 3343 Linear Algebra

MTH 3413 Statistics

MTH 4113 Abstract Algebra I

MTH 4153 Modern Geometry

Combination Area: 10 hours

EDP 3413 Instructional Technology

EDP 4111 Educator Assessment

PSY 3463 Theories and Principles of Learning

RDG 4133 Adolescent Literacy II*

Professional Development: 21 hours

EDU 2253 Foundations of Education

EDU 4253 Special Issues and Populations

EDU 4273 Advanced Strategies for Teaching

EDU 4363 Teaching Mathematics

EDU 4489 Student Teaching Middle/Secondary*

* Block course

TOTAL PROGRAM REQUIREMENTS 120 Hours

Additional Program Stipulations

1. All students are to include one Bible, theology, or religion course each semester until degree requirements have been satisfied.
2. First-year students enrolled full-time are to include GES 1122 in their first semester program.
3. Students must be approved to enter the Education program before taking any 4000 level EDU course.

This degree plan meets TEA Middle or Secondary Education requirements with certificates in English Language Arts and Reading, and ACSI and ACTS certifications.

Eligibility for English as a Second Language (ESL) Supplemental Certification upon completion of the following:

- 1) ENG 3413 Introduction to Linguistics, ENG 3423 Linguistics II, ENG 3293 Teaching English as a Second Language and Diversity II
- 2) State requirements for TExES