## 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.
MAJOR STUDIES   56 Hours

Mathematics: 28 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 4143 Number Theory
MTH 4153 Modern Geometry

Combination Area: 7 hours
EDP 3413 Instructional Technology
EDP 4111 Educator Assessment
PSY 3463 Theories and Principles of Learning

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