Freshman Year

Fall Semester		17 hours
MTH 1123	College Algebra ∞	
GES 1122	Strategies for Student Success ∞	
ENG 1113	Composition and Rhetoric I ∞	
HIS 1113	American History I ◇	
BIB/REL/THE	(Bible Core option) ∞	
BIB/REL/THE	(Bible Core option) ∞	

Spring Semester		15 hours
MTH 2113	Elementary Analysis ◇	
COM 1143	Fundamentals of Speech Comm. ∞	
ENG 1123	Composition and Rhetoric II ∞	
	(prereq: ENG 1113)	
HIS 1123	American History II ◇	
BIB/REL/THE	(Bible Core option) ∞	

Sophomore Year

Fall Semester		17 hours
MTH 2213	Calculus I ◇	
	(prereq: MTH 2113)	
MTH 2211	Calculus I Lab ◇	
ENG 2273	Intro to Literature ∞	
	(prereq: ENG 1123)	
BIO 1113	Biology ∞	
PHY 1113	Physical Science ∞	
BIO/PHY 1111	(Science lab option) ∞	
BIB/REL/THE	(Bible Core option) ∞	

Spring Semester		16 hours
PSY 1153	Introduction to Psychology ∞	
MTH 3413	Statistics ◇	
EDU 2253	Foundations of Education ∞	
EDP 3323	Research, Theory, & Practice for ELLs ∞	
MTH 2223	Calculus II ◇	
	(prereq: MTH 2213)	
MTH 2221	Calculus II Lab ◇	

Junior Year

Fall Semester		15 hours
GOV 2213	National and State Government ∞	
MTH 3323	Intro to Proofs & Discrete Math ◇	
	(prereq: MTH 2223)	
EDP 3423	Classroom Management ∞	
EDP 3433	Classroom Instr/Assessment for ELLs ◇	
	(prereq: EDP 3323)	
BIB/REL/THE	(Bible Core option) ∞	

Spring Semester		16 hours
EDP 3413	Instructional Technology ◇	
MTH 3333	Introduction to Linear Algebra ◇	
MTH 4153	Modern Geometry ◇	
	(prereq: MTH 3323)	
EDP 4111	Educator Assessment ◇	
EDU 4273	Advanced Strategies for Teaching ◇	
BIB/REL/THE	(Bible Core option) ∞	

Senior Year

Fall Semester		12 hours
GOV 2333	World Political Systems ◇	
EDU 4253	Special Issues & Populations ∞	
EDU 4363	Teaching Mathematics (Secondary) ◇	
MTH 4183	Problem Solving ◇	
	(prereq: MTH 4153)	

Spring Semester		12 hours
RDG 4513	Content & Disciplinary Literacy ∞	
EDU 4489	Student Teaching Mid/Sec ∞	

Please Note:
➢ *This sample schedule is only a suggested path and does not reflect individual variation necessary due to course-offering alterations, change of major, retaking of courses, transfer credits, spring start, summer courses, or conditional acceptance.*
➢ You should consult your department chair, program coordinator, course scheduler, and peer advisor regarding how your specific circumstance will affect your sequence of these courses for graduation completion.

∞ every fall and spring semester	◇ every year only fall/spring/summer (as listed)
* only that semester in odd years	** only that semester in even years
*** to be taken *only* in specified semester	∞/◇ offering differs in order listed

OVERVIEW

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:

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

CAREER OPPORTUNITIES

Graduates of the Math Education Middle and Secondary program who have completed all program and certification requirements are qualified and certified to teach mathematics in grade levels 7 through 12. Additionally, graduates have the necessary education and training to continue Post Graduate work in many different areas of Education, Law, Engineering, and Mathematics. Due to short numbers of mathematics educators graduates are in high demand and can find employment across the country.

PROGRAM HIGHLIGHTS

The Secondary Mathematics Education Degree is part of the Teacher Education Program. Upon completing 60 hours of credit, students must apply to be admitted to the Teacher Education program. Program requirements are detailed in the academic catalog. Some courses in the degree plan require program approval prior to enrollment. These courses include:

- EDU 4363 Teaching Mathematics
- EDU 4273 Advanced Strategies for Teaching
- EDU 4563 Special Issues and Populations
- EDU 4989 Clinical Teaching Secondary

One of the highlights of our program is the opportunity for students to engage in the local school communities by completing field experience. Students visit and participate with assigned classrooms at varied grade levels and subjects in area school districts. Courses within this degree that require field experience include:

- EDU 2253 Foundations of Education
- EDU 4363 Teaching Mathematics
- EDU 4273 Advanced Strategies for Teaching
- EDU 4563 Special Issues and Populations
- RDG 3453 Adolescent Literacy Instruction

Content Examination must be completed after MTH 4183 is passed (end of same semester or beginning of next).

PROGRAM REQUIREMENTS

GENERAL EDUCATION STUDIES 54 Hours

General Education: *14 hours*
- ☐ GES 1122 Strategies for Student Success
- ☐ ENG 1113 Composition and Rhetoric I
- ☐ ENG 1123 Composition and Rhetoric II
- ☐ COM 1143 Fundamentals of Speech Communication
- ☐ ENG 2273 Introduction to Literature

Social/Behavioral Sciences: *15 hours*
- ☐ HIS 1113 American History I
- ☐ HIS 1123 American History II
- ☐ PSY 1153 Introduction to Psychology
- ☐ GOV 2213 National and State Government
- ☐ GOV 2333 World Political Systems

Natural Science: *7 hours*
- ☐ BIO 1113 Biological Science
- ☐ PHY 1113 Physical Science
- ☐ *1 hours from the following:*
  BIO 1111 Biology Lab **OR**
  PHY 1111Physical Science Lab

General Biblical Studies: *18 hours*
- ☐ REL 1133 Authentic Christianity
- ☐ BIB 1223 The Church in Ministry and Mission
- ☐ REL 1173 Introduction to Biblical Literature
- ☐ THE 2113 Introduction to Theology and Apologetics
- ☐ BIB 2213 Bible Study
- ☐ THE 2333 Pentecostal Doctrine and History

MAJOR STUDIES 66 Hours

Mathematics: *29 hours*
- ☐ MTH 1123 College Algebra
- ☐ MTH 2113 Elementary Analysis
- ☐ MTH 2211 Calculus I Lab
- ☐ MTH 2213 Calculus I
- ☐ MTH 2221 Calculus II Lab
- ☐ MTH 2223 Calculus II
- ☐ MTH 3323 Introduction to Proofs and Discrete Mathematics
- ☐ MTH 3333 Intro to Linear Algebra
- ☐ MTH 3413 Statistics
- ☐ MTH 4153 Modern Geometry
- ☐ MTH 4183 Problem Solving

Combination Area: *16 hours*
- ☐ EDP 3323 Research, Theory, Practice for English Language Learners
- ☐ EDP 3413 Instructional Technology
- ☐ EDP 3423 Classroom Management
- ☐ EDP 3433 Classroom Instruction and Assessment for English Language Learners
- ☐ EDP 4111 Educator Assessment
- ☐ RDG 4513 Content and Disciplinary Literacy Instruction*

Professional Development: *21 hours*
- ☐ EDU 2253 Foundations of Education
- ☐ EDU 4273 Advanced Strategies for Teaching
- ☐ EDU 4363 Teaching Mathematics
- ☐ EDU 4563 Special Issues and Populations
- ☐ EDU 4989 Clinical Teaching Middle and Secondary*

TOTAL PROGRAM REQUIREMENTS 120 Hours

Your Department Chair:
Dr. Khristy Strange
SAGU Professor of Teacher Education
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