2024-2025
B.A. or B.S. MATHEMATICS EDUCATION - SECONDARY

GRACE CORE (39 credits)

Students will integrate faith and learning across disciplines, demonstrate foundational knowledge and ways of knowing, cultivate characteristics of maturity in relationships with God, others, self, and the world, and apply knowledge to all aspects of life through intellectual and practical skills.

1000-Level Courses

First-Year Learning Communities

FYE 1000	First-Year Foundations	3	
BIB 1050	Exploring the Bible	3	
PSY 1200	Essentials of Behavioral Science	3	
HIS 1050	Current Issues in Historical Context	3	

First-Year Learning Competencies

ENG 1100	Effective Writing	3
COM 1100	Public Speaking	3

2000-Level Courses

	HUM 2100	Creative Arts & Culture	3
@	HUM 2000	Global Perspectives	3
	SCI 2030	Faith, Science, & Reason	3
	HUM 2010-30	Cross-Cultural Field Experience	0
@	BIB 2010	Scripture and Interpretation	3

3000-Level Courses

	ECN 3000	Consumer Economics	3
	PHI 3010	Christianity and Critical Thinking	3
@	BIB 3300	Essential Doctrinal Themes	3

ADDITIONAL GENERAL EDUCATION--B.A. or B.S. DEGREE (6 credits)

Satisfies B.S. Degree

Any course with prefix BIO, PHY, CHM, ENV, EXS, CSI, SCI		3
Any course with prefix: PSY, SOC, BHS, BUS, HIS, POS, GEO		3

Satisfies B.A. Degree

FRE/SPA	Proficiency in Language & Culture		6
GRE/HEB	French, Spanish, Greek, Hebrew		

THE MAJOR (79 credits)

MATH AND SCIENCE COURSES

	ISM 1150	Introduction to Computer Science	3
	MAT 1230	Calculus I	4
	MAT 1240	Calculus I Lab	0
@	MAT 1250	Calculus II	3
	MAT 2100	Introduction to Proofs	3
	MAT 2200	Discrete Mathematics	3
@	MAT 2250	Calculus III	3
@	MAT 3130	Linear Algebra	3
@	MAT 3280	College Geometry	3
@	MAT 4020	Senior Seminar in Mathematics	3
@	MAT 4140	Abstract Algebra	3
	MAT 3200	Probability & Statistics	3

Choose two of the following:

@	MAT 2280	Differential Equations	3
	MAT 3930	Independent Study in Math	3
@	MAT 4280	Real Analysis	3
@	MAT 4200	Probability Theory	3
@	MAT 4320	Mathematical Statistics	3
	MAT 4830	Research in Mathematics	3

EDUCATION CORE COURSES

	SED 1000	Teaching School in America	3
@	SED 2200	The School Age Child	3
@	SED 2400	Teaching Exceptional Learners	3
@	SED 2500	Teaching in a Pluralistic Society	3
@	SED 2600	Teaching and Learning	3
@	SED 2210	Responsive and Differentiated Instruction	3
@	SED 3800	Classroom Assessment & Environment	3
@	SED 4700	The Moral Practitioner	3
@	SED 4900	Student Teaching and Seminar	9

SECONDARY EDUCATION COURSES

@	SED 3600	Teaching in the Middle and High School	3
@	SED 4650	Methods of Teaching Secondary Mathematics	3

GRADUATION REQUIREMENTS

To receive a degree, each student must satisfy checksheet requirements, earn 120 credit hours, have a 2.5 GPA in major courses, a 2.0 GPA in minor courses, and a GPA of 2.0 overall. It is the student's responsibility to work with his/her advisor and monitor progress toward these goals. Some majors and/or minors may have more stringent guidelines.

IS A MINOR REQUIRED WITH THIS MAJOR?   NO

CHECKSHEET TOTAL CREDITS: 124
TOTAL CREDITS NEEDED TO GRADUATE: 120

† Indicates a course taught by a partner college/university.
@ Indicates a course with prerequisites. Please review catalog for prerequisites.