

2009-2010
Mathematics Education - Secondary
Bachelor of Arts

LIBERAL ARTS CORE

LAC 101	Freshman Foundations	3
LAC 102	Christianity & Critical Thinking	3
ENG 110	Effective Writing +	3
COM 110	Public Speaking	3
HEA 140	Healthy Lifestyles	3
LAC 200	Global Perspectives	3
@ LAC 204 or 206	Global Perspectives Experience	0

LIBERAL ARTS ELECTIVES

Humanities

Complete Beginning Year of Language & Culture	6
101 & 102 in French, Spanish, Hebrew or Greek	
(Refer to the Foreign Language & Culture section of the catalog for information on language placement testing.)	

Choose 1 of the following: 3

ART 100	Art Appreciation	(3)
ART 220	Pottery I	(3)
MUL 100	Music Appreciation	(3)
MUL 102	Music Perspectives	(3)

Choose 1 of the following: 3

LIT 210	Literature of Mankind	(3)
LIT 213	English Literature I	(3)
LIT 214	English Literature II	(3)
LIT 220	American Literature I	(3)
LIT 221	American Literature II	(3)
LIT 324	Christian Classics	(3)
LIT 327	World Literature	(3)
LIT 328	Shakespeare	(3)

Natural Sciences

BSC/SCI/CHM/PHY	Physical or Biological Science course	3-4
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Biblical Studies

BIB 105	Exploring the Bible	3
BIB 201	Scripture and Interpretation	3
BIB 330	Essential Doctrinal Themes	3

Social Sciences

Choose 1 of the following: 3

PSY 110	Introduction to Psychology	(3)
SOC 110	Introduction to Sociology	(3)

Choose 1 of the following: 3

BUS 221	Macroeconomics	(3)
BUS 243	Principles of Management	(3)
BUS 300	Personal Finance	(3)

Choose 1 of the following: 3

Any 100 or 200 level History - U.S./Western/World	(3)	
HIS 320	American Government	(3)
HIS 336	The Wild, Wild West	(3)
HIS 359	Ancient History	(3)
HIS 366	Renaissance and Reformation	(3)
HIS 375	The India of Gandhi	(3)
HIS 376	Britain and the World, Honors	(3)
HIS 440	Selected Topics	(3)

Bachelor of Arts

@ Complete Intermediate year of Language & Culture	3-6
201 & 202 in French or Spanish	(6)
201 in Greek or 202 in Hebrew	(3)

MAJOR REQUIREMENTS

Mathematics Core

ISM 110	Intro to Technology	3
MAT 121	Calculus I	3
@ MAT 122	Calculus II	3
@ MAT 223	Calculus III	3
@ MAT 224	Calculus IV	3
@ MAT 313	Linear Algebra	3
MAT 320	Probability & Statistics	3
@ MAT 328	Modern Geometry	3
@ MAT 402	Senior Seminar in Mathematics	3
@ MAT 414	Modern Algebra	3

Choose 2 of the following: 6

@ MAT 326	History of Mathematics	(3)
@ MAT 338	Number Theory	(3)
@ MAT 393	Independent Study in Mathematics	(3)
@ MAT 420	Probability Theory	(3)
@ MAT 421	Statistical Inference	(3)
@ MAT 422	Time Series & Regression	(3)
@ MAT 423	Sampling Theory	(3)
@ MAT 425	Design of Experiments	(3)
@ MAT 483	Research in Mathematics	(3)

Professional Education Requirements

EDU 110	Foundations of Education +	2
@ EDU 235	Instructional Methods and Materials +	2
EDU 240	Educational Psychology	2
@ EDU 244	Exceptional Learners	3
EDU 254	Diversity in the Classroom	2
@ EDU 265	Computer Applications in Education	3
@ EDU 311	Classroom Management	3
@ EDU 332	Professionalism in Teaching	2
@ EDU 333	Classroom Assessment	2
@ EDU 430	Philosophy of Education	2
@ EDU 475	Student Teaching (Secondary) ++	12
@ EDU 495	Senior Seminar	2
@ MAT 464	Methods of Teaching Mathematics	3

Major Hours: 39-42

Education Hours: 40

Minor Required: No

+ Student needs a B- to continue in this program.
 ++ A grade of B- is required for licensure.
 All other professional education core classes must have a grade of C or better.

To be eligible for graduation, each student must have a 2.2 GPA in his/her major, and an accumulative GPA of 2.0. It is the student's responsibility to monitor this requirement.

@ Indicates a course with prerequisites.
 Please see catalog for prerequisites.