MATHEMATICS MAJOR

WITH COORDINATE MAJOR IN EARLY CHILDHOOD OR ELEMENTARY EDUCATION (MAE)

(The Domain General Education courses listed below are required for Elementary Education and recommended for the Early Childhood Education Major.)

DOMAIN GENERAL EDUCATION (11 Courses Required):

COURSE #	TITLE	SUBDOMAINS MET
ENGL 110	Expository Writing**	CCA
MATH 120	Math for Elem Educators II	CCB
INTD 160	Image, Sound & Structure	IA
ENGL 262	American Writers II	IIB
ML	Any language course	IC
PHYS 109	Introduction to Phys. Science	IIB
BIOL 101	Biological Concepts	IIB
HIST 151	U.S. History to Reconstruction	IIIA
PSYC 200	Psychology of Development **	IIIB
GEOG 110	World Regional Geography	IIIC
EDUC 222	Sheltered English Immersion **	IIIC

**Required of both El. Ed. and Early Childhood

Domain General Education Subdomains

(check off as completed)

Common Core:	A. ENGL 110 Expository Writing	_____
	B. MATH XXX (credit-bearing)	_____
Domain I:	A. Creative Arts	_____
	B. Humanities	_____
	C. Language	_____
Domain II:	A. Analysis, Modeling, Problem Solving	X
	B. Natural Sciences (two)	_____
Domain III:	A. Perspectives on the Past	_____
	B. Perspectives on Contemp. World	_____
	C. Global Comp., Eth. Reas., Human Div.	_____

_____ Laboratory Science _____ Study of the Constitutions

X = Fulfilled through major

MAJOR AND RELATED COURSES (12):

COURSE #	COURSE TITLE
MATH 110	Math for Elem Educators I
STAT 157	Probability and Statistics
MATH 206	Discrete Math I
MATH 219	Calculus I
MATH 220	Calculus II
MATH 221	Calculus III
MATH 226	Linear Algebra and Applications
MATH 319	Abstract Algebra I
MATH 322	History of Mathematics
CSCI	One Computer Science course

In addition to the courses above, each student must complete:

ONE (1) ELECTIVE IN MATHEMATICS AT 300 LEVEL OR ABOVE

MATH _____

ONE (1) ELECTIVE CHOSEN FROM THE FOLLOWING:

MATH 215	Finite Mathematics
MATH 222	Differential Equations
_____	Any MATH course at the 300-level or above

ONE FREE ELECTIVE

_____ _____

COORDINATE MAJOR – EDUCATION COURSES

EARLY CHILDHOOD EDUCATION (ECC):

EDUC 200	**Education in American Society with Field Study I**
EDUC 320	**Emergent Literacy with Field Study II**
EDUC 374	**Early Childhood Curriculum: Mathematics and Science with Field Study III**
EDUC 376	**Early Childhood Curriculum: Reading, Social Studies and Special Needs**
EDUC 431	**Early Childhood Professional Practicum A (Credit - 2 courses)**
EDUC 432	**Early Childhood Professional Practicum B (Credit - 2 courses)**

Note: EDUC 374 and EDUC 376 must be taken together.

ELEMENTARY EDUCATION (ELC):

EDUC 200	**Education in American Society with Field Study I**
EDUC 322	**The Child & Literacy, with Field Study II**
EDUC 341	**Elementary Curriculum: Mathematics with Field Study III**
EDUC 346	**Elementary Curriculum: Science, Social Studies, and Special Needs**
EDUC 437	**Elementary Professional Practicum A (Credit - 2 courses)**
EDUC 438	**Elementary Professional Practicum B (Credit - 2 courses)**

Note: EDUC 341 and EDUC 346 must be taken together.