

Elementary (K-8) Education Major 2010-2012



EDUCORE® – Discovering the Nature of the Disciplines			25 Credits	Grade
US	EDU 101US	Teaching & Learning (Met with US Core)	3	
W	WRIT 101W	College Writing	3	
Q	M 133Q (or M136Q)	Geometry & Measurement for K-8 Teachers	3	
D	EDU 211D	Multicultural Education	3	
CS	TE 250CS	Technology & Society	3	
IA	EDU 204IA	Creative Arts & Lifelong Learning	3	
IH	HSTA 101 or 102IH or HSTR101 or 102IH	American History I or II or Western Civilization I or II	4	
IS	EDU 222IS	Ed Psych and Child Development	3	
IN	Met through courses below	See Below	-	-
R	Met through course below	See Below	-	-

PROFESSIONAL Content – Building a Strong Foundation			59 Credits	Grade
M 132 (or M135)		Numbers & Operations for K-8 Teachers	3	
M 234 (met by M135 & M136)		Advanced Topics in Mathematics for K-8 Teachers	3	
BIOB100IN; BIOM103IN; or approved elective		Life Science	3	
GEO 101; GEO103; GPHY111; or approved elective		Earth Science	3-4	
PHSX 103IN; PHSX201IN; CHMY102; or approved elective		Physical Science	3-4	
Approved STEM elective		See Approved List	3	
GPHY121; 141; ANTY101; AMST 101		Human Cultures	3	
NASX 105, or 205, or 232		Native American Studies	3	
PSCI 210		American Government	3	
EDU 330		Emergent Literacy	3	
EDU 331		Literature & Literacy for Children	3	
EDU 370		Integrating Technology into Education	2	
EDU 382		Assessment, Curriculum & Instruction	3	
EDU 397		K-8 Health Enhancement	3	
HDCF 356		Exceptional Children	3	
EDU 342		Managing the Learning Environment	2	
Electives			11-13	

K-8 TEACHING METHODS – Developing Instructional Materials			36 Credits	Grade
EDU 395		Practicum: K-8 (After School Partnership)	3	
EDU 438		Literacy Assessment, Diagnosis & Instruction	3	
EDU 397		K-8 Language Arts Methods	3	
EDU 397		K-8 Creative Arts Methods	3	
EDU 397R		K-8 Social Studies Methods	3	
EDU 397		K-8 Math Methods	3	
EDU 397		K-8 Science Methods	3	
EDU 395		Practicum: K-8 (Classroom)	3	
EDU 495		Student Teaching	12	
		Total Credits	120	

Possible Courses for “Approved STEM Elective”

BIOB 170 BIOB 160 BIOE 103 BIOM 103	Principles of Biological Diversity Principles of Living System Environmental Science & Society General Microbiology
GEO 101IN GPHY 111CS GEO 103 ASTR 110IN	Intro to Physical Geology Intro to Physical Geography Intro to Environmental Geology Mysteries of the Sky
CHMY 102 CHMY 121 CHMY 141 PHSX 103IN PHSX 201IN PHSX 205 PHYS 207	Applying Chemistry to Society Introduction to General Chemistry General Chemistry I Our Physical World Physics by Inquiry College Physics I College Physics II
EGEN 105 EGEN 125CS ECHM 205CS	Introduction To General Engineering Technology, Innovation, & Society Energy & Sustainability
M121Q M145Q M 149Q M 147Q M 151Q M 161Q M 171Q M 420 M 424 STAT 216Q STAT 217Q	College Algebra Liberal Arts Math Secrets of the Infinite Language of Math Precalculus Survey of Calculus Calculus & Analytic Geometry Geometry, Measurement & Data for Middle School Algebraic Thinking & Number in Middle School Introduction to Statistics Intermediate Statistics Concepts
EELE 101 TE 101 TE 207	Intro to Electrical Fundamentals Intro to Technology Education Materials and Processes