

Master of Arts in Teaching Elementary K-6 (MAT) Phase I

Course Number	Course Title	Semester Hours
Elementary Core Courses: (12 Hours)		
EDU 5010	Advanced Instructional Technology for the 21 st Century	3
EDU 5040	Diversity in Education: Societal and Organizational Perspectives	3
EDU 5050	Classroom Organization and Management	3
EDU 5080	Advanced Educational Psychology	3
Instructional Courses: (18 Hours)		
EDU 5130	Numerical Representations and Number Concepts in Elementary Mathematics	3
EDU 5135	Diagnosis and Assessment in the Teaching of Reading	3
EDU 5133	Integrated Principles of Science and Social Studies Instruction	3
EDU 5134	Foundations of Reading Instruction	3
EDU 5166	Using Data for Instructional Improvement	3
EDU 5229	Clinical Internship in Elementary Education I	3
Elementary Capstone Experience: (6 hours)		
EDU 5230	Clinical Internship in Elementary Education II	3
EDU 5300	Product of Learning	3
Total Hours	Initial License in Elementary Education Awarded after Completion of Phase I and Passing Licensure Exams and EdTPA	36

Master of Arts in Teaching Elementary K-6 (MAT) Phase II

Course Number	Course Title	Semester Hours
Students May Choose One Specialization Area (STEM or Literacy) for Phase II (9 hours)		
STEM Specialization		
EDU 5137	Integrating STEM Instruction into the Elementary Classroom	3
EDU 5232	STEM Infused Principles of Robotics and Technology	3
EDU 5233	Connected Systems and Interdependence in Science	3
Literacy Specialization		
EDU 5132	Foundations of Writing Instruction	3
EDU 5136	Content Area Literacy	3
EDU 5131	Multimodal Literacies with Trade Books	3
Total MAT Program		45

Master of Arts in Teaching Elementary Education K-6 (MAT) Program

Suggested Program of Study

(This is a typical sequence of courses)

PHASE I				
Fall Semester Year 1			Spring Semester Year 1	
	EDU 5130: Numerical Representation & Number Concepts in Elementary Mathematics	3		Specialization Course: STEM or Literacy EDU 5233 or EDU 5131 (See below)
	EDU 5133: Integrated Principles of Science and Social Studies Instruction	3		
Summer (May/June/July) Year 1				
			EDU 5050: Classroom Organization and Management	3
			EDU 5080: Advanced Educational Psychology	3
Fall Semester Year 2				
	EDU 5010: Advanced Instructional Technology for the 21 st Century	3	EDU 5230: Clinical Internship II in Elementary Education	3
	EDU 5040: Diversity in Education: Societal and Organizational	3		
	EDU 5229: Practicum in the Elementary Setting	3	EDU 5300: Product of Learning	3
May Year 2				
	EDU 5166: Using Data for Instructional Improvement			

PHASE II – STEM Specialization				
Summer Semester Year 3			Fall Semester Year 3	
	EDU 5137: Integrating STEM Instruction into the Elementary Classroom	3	EDU 5233: Connected Systems and Interdependence in Science (<i>Fall</i>)	3
			EDU 5232: STEM Infused Principles of Robotics and Technology (<i>Spring</i>)	3

PHASE II – Literacy Specialization				
Summer Semester Year 3			Fall Semester Year 3	
	EDU 5132: Foundations of Writing	3	EDU 5136: Content Area Literacy (<i>Fall</i>)	3
			EDU 5131: Critical and Multimodal Literacies (<i>Spring</i>)	3