

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 5131	Literature and Informational Texts for Children and Young Adults	3
EDU 5132	Foundations of Writing Instruction	3
EDU 5133	Integrated Principles of Science and Social Studies Instruction	3
EDU 5134	Foundations of Reading Instruction	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 5166	Using Data for Instructional Improvement	3
Total Hours	Initial License in Elementary Education Awarded after Completion of Phase I and Passing Pearson's Foundation of Reading and General Curriculum Exams	36

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

Course Number	Course Title	Semester Hours
Students May Choose One Specialization Area (Core, STEM, or Literacy) for Phase II (9 hours)		
Leadership Specialization (Core)		
EDU 5030	Methods of Educational Research	3
EDU 5060	Developing Leaders in 21 st Century Systems	3
EDU 5300	Product of Learning	3
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 5135	Diagnosis and Assessment in the Teaching of Reading	3
EDU 5136	Content Area Literacy	3
EDU5231	Supervised Practicum in Literacy Program Implementation	3
Total MAT Program		45

PREPARE Residency Program Specialization		
EDU 5300	Product of Learning (edTPA)	3
EDU 5137	Integrating STEM Instruction into the Elementary Classroom	3
EDU 5232	STEM Infused Principles of Robotics and Technology	3
EDU 5234	Practicum Infused STEM Strategies for K-6 classrooms	3

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 5010: Advanced Instructional Technology for the 21 st Century	3		EDU 5131: Literature and Informational Texts for Children and Young Adults	3
EDU 5040: Diversity in Education: Societal and Organizational	3		EDU 5132: Foundations of Writing Instruction	3
Summer (May/June/July) Year 1				
EDU 5130: Numerical Representation & Number Concepts in Elementary Mathematics	3		EDU 5050: Classroom Organization and Management	3
			EDU 5080: Advanced Educational Psychology	3
Fall Semester Year 2			Spring Semester Year 2	
EDU 5133: Integrated Principles of Science and Social Studies Instruction	3		EDU 5230: Clinical Internship II in Elementary Education	3
EDU 5134: Foundations of Reading Instruction	3		EDU 5166: Using Data for Instructional Improvement	3
EDU 5229: Practicum in the Elementary Setting (depending on actual semester that the candidate will be student teaching; this course ideally is taken the semester before the Clinical Internship)	3			

PHASE II – Leadership Specialization (Core)				
Summer Semester Year 3			Fall and Spring Semester Year 3	
EDU 5060: Developing Leaders in 21 st Century Systems	3		EDU 5030: Methods of Educational Research (<i>Fall</i>)	3
			EDU 5300: Product of Learning (<i>Spring</i>)	3

PHASE II – STEM Specialization				
Summer Semester Year 3			Fall and Spring 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 and Spring Semester Year 3	
EDU 5135: Diagnosis and Assessment in the	3		EDU 5136: Content Area Literacy (<i>Fall</i>)	3

	Teaching of Reading				
				EDU 5231: Supervised Practicum in Literacy Program Implementation (<i>Spring</i>)	3