

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

Course Number	Course Title	Semester Hours
<b>Elementary Core Courses: (12 Hours)</b>		
EDU 5010	Advanced Instructional Technology for the 21 <sup>st</sup> 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
<b>Instructional Courses: (18 Hours)</b>		
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
<b>Elementary Capstone Experience: (6 hours)</b>		
EDU 5230	Clinical Internship in Elementary Education II	3
EDU 5166	Using Data for Instructional Improvement	3
<b>Total Hours</b>	<b>Initial License in Elementary Education Awarded after Completion of Phase I and Passing Pearson's Foundation of Reading and General Curriculum Exams</b>	<b>36</b>

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

Course Number	Course Title	Semester Hours
<b>Students May Choose One Specialization Area (Core, STEM, or Literacy) for Phase II (9 hours)</b>		
<b>Leadership Specialization (Core)</b>		
EDU 5030	Methods of Educational Research	3
EDU 5060	Developing Leaders in 21 <sup>st</sup> Century Systems	3
EDU 5300	Product of Learning	3
<b>STEM Specialization</b>		
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
<b>Literacy Specialization</b>		
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
<b>Total MAT Program</b>		<b>45</b>

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 <sup>st</sup> 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 <sup>st</sup> 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