B.A. to M.Ed. Elementary Education Program (5th Year) - STEM
(Effective for Fall 2019 Seniors)

Courses		Credit
Core		
.EDU 5XXX	Design Thinking & Creative Thought	3
EDU 4511/5011	Technology Integration for Elementary STEM Based Programs	3
EDU 5040	Diversity in Education: Societal and Organizational Perspectives	3
EDU 5060	Developing Leaders in 21st Century Systems	3
Instructional		
EDU 4533/5133	Integrated Principles of Science and Social Studies Instruction	3
EDU 5130	Numerical Representation & Number Concepts in Elementary Mathematics	3
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
EDU 5234	Practicum Infused STEM Strategies for K-6 Classrooms	3
Capstone Experience		
EDU 5030	Methods of Educational Research	3
EDU 5300 **OR** EDU 5200	Product of Learning **OR** Thesis	3

B.A. to M.Ed. Elementary Education Program (5th Year) - STEM
Suggested Program of Study
(This is a typical sequence of courses)

	Senior – Fall - Undergraduate			**Senior – Spring - Undergraduate**	
	EDU 4533: Integrated Principles of Science and Social Studies Instruction **EE#3**	3		*During the spring semester students complete their Internship II.*	
	EDU 4511: Technology Integration for Elementary STEM Based Programs **EE#3**	3		EDU 5XXX: Design Thinking & Creative Thought **EE#5**	3
	Remaining courses are to be taken from the methods block for senior elementary education majors.			*Additional hours may be taken for students enrolled in the 5th Year Master's program or for those completing Evidence requirements (EDU 4111)*	*1-3*
	Summer I (June) Graduate School			**Summer II (July) Graduate School**	
	EDU 5130: Numerical Representation & Number Concepts in Elementary Mathematics	3		EDU 5060: Developing Leaders in 21st Century Systems	3
	EDU 5137: Integrating STEM Instruction into the Elementary Classroom	3			
	8 Week Summer Session (June – July)				
	EDU 5234: Practicum Infused STEM Strategies for K-6 Classrooms **this course may also be offered during the May Mini Session*				3
	Fall Semester Graduate School			**Spring Semester Graduate School**	
	EDU 5030: Methods of Educational Research	3		EDU 5232: STEM Infused Principles of Robotics and Technology	3
	EDU 5040: Diversity in Education: Societal and Organizational Perspectives	3		EDU 5300: Product of Learning **OR** EDU 5200: Thesis	3
	EDU 5233: Connected Systems and Interdependence in Science	3			

B.A. to M.Ed. Elementary Education Program (5th Year) - STEM
(Beginning with Fall 2018 Seniors)

Courses		Credit
Core		
EDU 5XXX	Design Thinking & Creative Thought	3
EDU 4511/5011	Technology Integration for Elementary STEM Based Programs	3
EDU 4540/5040	Diversity in Education: Societal and Organizational Perspectives	3
EDU 5060	Developing Leaders in 21st Century Systems	3
Instructional		
EDU 4533/5133	Integrated Principles of Science and Social Studies Instruction	3
EDU 5130	Numerical Representation & Number Concepts in Elementary Mathematics	3
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
EDU 5234	Practicum Infused STEM Strategies for K-6 Classrooms	3
Capstone Experience		
EDU 5030	Methods of Educational Research	3
EDU 5300 **OR** EDU 5200	Product of Learning **OR** Thesis	3

B.A. to M.Ed. Elementary Education Program (5th Year) - STEM
Suggested Program of Study
(This is a typical sequence of courses)

	Senior – Fall - Undergraduate			**Senior – Spring - Undergraduate**	
	EDU 4533: Integrated Principles of Science and Social Studies Instruction	3		*During the spring semester students complete their Internship II.*	
	EDU 4511: Technology Integration for Elementary STEM Based Programs	3		EDU 5XXX: Design Thinking & Creative Thought	3
	EDU 4540: Diversity in Education: Societal and Organizational Perspectives	3			
	Remaining courses are to be taken from the methods block for senior elementary education majors.			*Additional hours may be taken for students enrolled in the 5th Year Master's program or for those completing Evidence requirements (EDU 4111)*	*1-3*
	Summer I (June) Graduate School			**Summer II (July) Graduate School**	
	EDU 5130: Numerical Representation & Number Concepts in Elementary Mathematics	3		EDU 5060: Developing Leaders in 21st Century Systems	3
	EDU 5137: Integrating STEM Instruction into the Elementary Classroom	3			
	8 Week Summer Session (June – July)				
	EDU 5234: Practicum Infused STEM Strategies for K-6 Classrooms **this course may also be offered during the May Mini Session*				3
	Fall Semester Graduate School			**Spring Semester Graduate School**	
	EDU 5030: Methods of Educational Research	3		EDU 5232: STEM Infused Principles of Robotics and Technology	3
	EDU 5233: Connected Systems and Interdependence in Science	3		EDU 5300: Product of Learning **OR** EDU 5200: Thesis	3