



## M.Ed. in Curriculum and Instruction STEM Emphasis Online

### Online STEM cohort

The Master of Education (M.Ed.) degree requires 36 credit hours.

Required Core Courses		
Course Prefix	Course Title	Credit Hours
EDCI 602	Cultural Foundations of Education	3
EDCI 644	Curriculum Development	3
EDCI 673	Analysis of Teaching Behavior	3
EDCI 634	Reflective Inquiry (required during final semester)	3
		12

Departmental Required Electives		
Course Prefix	Course Title	Credit Hours
EDCI 620*	Science, Technology, Engineering and Mathematics (STEM) Teaching and Learning	3
EDCI 720*	ENGR Design for School Teaching and Learning	3
EDCI 721*	How People Learn STEM	3
EDCI 723*	Developing Students' Disciplinary Language and Reading in STEM	3
EDCI 726	History and Trends in STEM Education	3
EDCI 636	Educator as Researcher	3
EDCI 722	Microcontrollers for Educators	3
EDCI 724	Science/Mathematics in Engineering-Physics Based	3
Total number of required elective hours		24

\*Required courses for the STEM certificate