

## 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	Semester Taken
EDCI 602	Cultural Foundations of Education	3	Semester Four
EDCI 644	Curriculum Development	3	Semester Four
EDCI 673	Analysis of Teaching Behavior	3	Semester Five
EDCI 634	Reflective Inquiry (required during final semester)	3	Semester Six
		12	

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

\*Required courses for the STEM certificate