



Master of Education (M.Ed.) in Curriculum and Instruction (C&I)

with emphasis in STEM

The M.Ed. degree requires 36 credit hours

Required Core Courses		
Course Number	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 (must be taken during final semester)	3
Total		12

Departmental Required Electives		
Course Number	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 627	Teaching and Learning Data Analysis and Uncertainty Concepts	3
EDCI 722 [*]	Microcontrollers for Educators	3
EDCI 724 [*]	Science/Mathematics in Engineering-Physics Based	3
Total number of required elective hours		24
Total number of hours for degree		36

[†]Required courses for STEM certificate

^{*}Currently being developed/undergoing approval process

For more information on the M. Ed. degree in C&I with emphasis in STEM please [visit our website](#).

Contact

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