



Data-Rich STEM Learning Design

The classes in this certificate program may be applied toward a full Master of Arts (MA) degree. If you are interested in pursuing a STEM Education MA – in Mathematics, Science, or Math-Science – please review its [application information](#). If you are interested in pursuing a Learning Design & Technology (LDTE) MA, please review its [application information](#).

This certificate does not include a license or endorsement.

Semester Offered	Courses	Credits	Semester Completed
REQUIRED COURSES			
Fall	INTE 5750: AI-Enhanced Pedagogy: Rethinking Learning and Teaching with AI	3	
Spring	STME 6/7020: Power of Data	3	
ELECTIVE COURSES (choose two)			
Even Spring, Odd Maymester	MTED 5/7070: (Re)Humanizing the Teaching and Learning of Mathematics	3	
Maymester	SCED 5350: Issues and Trends in Science Education	3	
Odd Fall	STME 6/7110: Science and Math Curriculum Studies	3	
Even Summer	STME 6/7010: Community Engaged STEM Leadership	3	
Odd Summer	STME 6/7030: Decolonizing STEM Spaces - Beyond Equity and Access	3	
Spring	INTE 5/7360: Critical Digital Pedagogy	3	
Spring	INTE 5/7140: Transforming Learning Design: Integrating Design Justice Principles	3	
Total Credit Hours		12	