

Department of Teaching and Learning
GETTMHMAT Transformational Teaching in Middle and High Schools, Grades 7-12 with 5-6 extension (MAT)
Mathematics Education Concentration [MTC]
Program of Study
2022-2023

Total Units Required		30
Pedagogical Core		12
Course Number	Course Title	Units
TCHL-GE 2010	Inquiries into Teaching & Learning III	3
TCHL-GE 2275	Language and Literacy Acquisition and Development	3
TCHL-GE 2515	Adolescent Learners in Urban Contexts	2
TCHL-GE 2999	The Social Responsibilities of Teachers	0
SPCED-GE 2124	Historical and Contemporary Issues in Special Education Policy, Research and Practice	3
WLGED-GE 2914	Workshop in World Language Education	1
Specialized Pedagogy/Fieldwork for Mathematics Education		12
Course Number	Course Title	Units
MTHED-GE 2034	Educational Technology in Secondary School Mathematics	2
MTHED-GE 2035	The Teaching of Algebra and Rational Numbers, Grades 5-12	3
MTHED-GE 2036	Teaching of Geometry, Grades 7-12	2
MTHED-GE 2050	Mathematical Proof and Proving	2
MTHED-GE 2033	Teaching Secondary Mathematics	3
Student Teaching Courses		6
Course Number	Course Title	Units
MTHED-GE 2911	Student Teaching in Mathematics Education: Middle and High School I	3
MTHED-GE 2922	Student Teaching in Mathematics Education: Middle and High School II	3

* Indicates the course will contain the culminating experience / task for candidates.
Please see program sequence for further explanation of the culminating experience.