



**Master of Education in Teaching, Learning and Advocacy  
School of Education, Health and Human Performance  
Science & Mathematics  
(2-year Track)**



Name \_\_\_\_\_ Student ID \_\_\_\_\_

Mailing Address \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_ Date \_\_\_\_\_

**Core Courses (18 credits)**

Recommended Sequence	Actual Sem./Yr.	Course #	Course Name (all 3 credits unless indicated)	Comments/Substitutions
1 <sup>st</sup>	Fall	MTLA 601	Class, Race & Gender in Education	
1 <sup>st</sup>	Spring	MTLA 602	Policies & Issues in Contemporary Education	
2 <sup>nd</sup>	Fall	MTLA 607	Teachers as Advocates for Children & Youth	
1 <sup>st</sup>	Spring	EDFS 632	Learning, Cognition & Motivation	
1 <sup>st</sup>	Sum	EDFS 635	Educational Research	
2 <sup>nd</sup>	Spring	MTLA 702	Research & Development Project	CAPSTONE

**Science and Mathematics: Concentration Courses (18 credits)**

Recommended Sequence	Actual Sem./Yr.	Course #	Course Name (all 3 credits unless indicated)	Comments/Substitutions
Spring (o)/ Sum (e)		EDFS 660	Nature of Science, Mathematics & Science/Math Education	REQUIRED
Fall (o)		SMFT 670	Advanced Methods in Science & Mathematics	REQUIRED
		EDFS 703	Curriculum, Policy & Systems in Science & Math	
		SMFT 510	Problem Solving	
		SMFT 511	Introduction to Probability & Statistics	
		SMFT 514	Geometry for Elementary & Middle School Teachers	
		SMFT 516	Applications Across the Math Curriculum with Technology	
		SMFT 523	Earth Science for Teachers (4)	
		SMFT 548	Atomic Theory of Matter from Lucretius to Quarks	
		SMFT 555	Applications of Physics for Teachers: How Things Work	
		SMFT 639	Genetics & Molecular Biology for Teachers	
		SMFT 647	Determination of the Structure of Matter	
		SMFT 697	Special Topics in Science or Math for Teachers (1-4)	

Candidate Signature \_\_\_\_\_ Date \_\_\_\_\_

Advisor Signature \_\_\_\_\_ Date \_\_\_\_\_

Program Director Signature \_\_\_\_\_ Date \_\_\_\_\_

Department Chair Signature \_\_\_\_\_ Date \_\_\_\_\_