PhD in Mathematics Education

This template was made using the 2015-2016 EMAT program of study. Updated 12/8/16 by Dean Stevenson

EMAT (Math Education)

Required Courses	Pre-Reqs	Taken	Semester
8990 - First Year Seminar	N/A		
9630 - Critique of Literature in Math Ed	D.P.		
3 of the following 4			
8010 - Adv. Study of Math Curricula	EMAT 7050, 7080 (or D.P.)		
8020 - Adv. Study of Math Teaching & Teacher Ed	EMAT 7050, 7080 (or D.P.)		
8030 - Adv. Study of Math Learning	EMAT 7050, 7080 (or D.P.)		
8040 - Critical Issues in Math Ed	EMAT 7050, 7080 (or D.P.)		
Recommended Courses	**Pre-Reqs**	**Taken**	**Semester**
7050 - Teaching Secondary School Math	D.P.		
7080 - Curriculum in Math Ed	MATH 2260		
9640 - Prospectus Writing (strongly recommended)	D.P.		

MATH (Mathematics)

Required Courses - 18 hours (6000+ Level)	Pre-Reqs	Taken	Semester
1			
2			
3			
4			
5			
6			

*If a Master's of Math student, ignore this section and use section to the right

QUAL (Qualitative Methods)

3 Required Courses - (min. 1 QUAL and 1 EMAT)	Pre-Reqs	Taken	Semester
QUAL 8400 / 8410 / 8420	ERSH 6200 / QUAL 8400 / QUAL 8410 & QUAL 8420		
EMAT ?			
3			

ERSH (Quantitative Methods)

3 Required Courses - (min. 1 on multi-level modeling)	Pre-Reqs	Taken	Semester
ERSH 8310 - Applied Analysis of Variance / STAT 6315	ERSH 6300		
ERSH 8320 - Applied Correlation and Regression	ERSH 8310		
ERSH 8770 - Multilevel Modeling	ERSH 8320		

This is a potential sequence to satsify ERSH but is not mandatory.
The only requirement is at least one course on multilevel modeling.

Additional Courses (Advisor Specific or Extra)

Name of Class	Pre-Reqs	Taken	Semester

Key:

D.P. = *Department Permission*

Single Digit # = *Your Choice of Class within the given department*

#____ = *Must be of # level (e.g., 8____ = 8000+)*

/ #### = *Either class listed would work for that requirement*

Masters in Mathematics

MATH

Required Courses	Pre-Reqs	Taken	Semester
1			
2			
3			
4			
5			
6			
7300	D.P.		
8____			
8____			
8____			

30+ hours of coursework (6000+); at least 12 hours open only to graduate students (exclusive of 7000 and 7300, but including 6000 level courses and 3 hours of 8850)*; max of 6 hours of 7000; max of 3 hours of 7300; minimum of 9 hours at 8000 level *this is mostly satisfied by the 9 hours of 8000 - need one additional course

EMAT Courses to Fill 18 Hours

****It is highly encouraged that all students on assistantships take 18 hours per fall/spring semester. These courses help fill those hours.**

8990 - Seminars (max 12 hours)
9000 - Doctoral Research under Professor (e.g., sitting on a second research project; max 36 hours)
9005 - Assistantship Hours (max 45 hours)
9600 - Independent Study (max 9 hours)
9700 - "Internship" (sit in a class with a professor to learn the ropes; max 9 hours)