

Ph.D. Program Study Plan
Department of Curriculum and Instruction
Concentration: Mathematics Education

Degree Requirements (60 Credit Hours Minimum)					
General Courses			9 Credit Hours		
Course code	Subj. No	Course Title	Cr. Hrs.	Pre-request	Sem.
CURR	701	Curriculum Theory and Practice	3		
FOED	702	Organizational Theory in Educational Leadership	3		
SPED	704	Teaching Children from Culturally and Linguistically Divers Background	3		
Research Methodology			9 Credit Hours of the Following:		
CURR	710	Quantitative Research Methods in Education	3		
CURR	712	Advanced Data Analysis in Quantitative Research	3	CURR 710	
CURR	713	Qualitative Research Methods in Education	3		
CURR	715	Mixed Methods Research in Education	3		
Concentration			9 Credit Hours of the Following:		
CURR	740	Theory and Research in Mathematical Thinking and Learning	3		
CURR	702	Theory and Research on Learning and Teaching	3		
CURR	742	Theory and Research in Mathematics Teacher Education	3		
CURR	743	Integration of Technology into Mathematics Curriculum and Instruction	3		
CURR	751	Clinical Interview and Assessment in Mathematics Education	3		
Elective			3 Credit Hours of the Following:		
CURR	750	Communication and Representation in Mathematics	3		
CURR	744	Independent Study in Mathematics Education	3		
CURR	705	Policy Analysis in Curriculum and Instruction	3		
CURR	753	Mathematics Curriculum Development	3		
CURR	754	Historical Development of Mathematical Ideas	3		
CURR	755	Mathematical Problem solving	3		
CURR	707	Supervision in Curriculum and Instruction	3		
CURR	756	Advanced Seminar in Mathematics Education	3		
CURR	734	Special Topics	3		
Comprehensive Examination (0 Credit Hours)					
CURR	800	Comprehensive Examination	0		
Dissertation Research (30 Credit Hours)					
CURR	810	Research Proposal	0		
CURR	900	Dissertation Research	30		
CURR	910	Dissertation Defense	0		