## Ph.D. in Education Program of Study

Program plan for _	Kimberlie Fair	Summer 2015
		(First Semester in Program
	edits which includes 12 dissertation	n credits)
1. General Cultu	<u>re</u> (3)	
<b>EDUC 800</b>	(3) Ways of Knowing	
2. Research Meth	<u>iods</u> (15)	
<b>EDRS 810</b>	(3) Problems and Methods in	Education Research
<b>EDRS 811</b>	(3) Quantitative Methods in E	ducational Research
<b>EDRS 812</b>	(3) Qualitative Methods in Ed	
Select two ad	ditional courses: EDRS 818, EDRS 8	820, EDRS 821, EDRS 82 <mark>2, EDRS 82</mark> 3
	DRS 825, EDRS 826, EDRS 827, E	
EDRS 797		urvey Development (Item analysis)
3. Specializations		
Distribution of	credits among specializations is base	ed on size of program. Advisors must
	D. in Education office for clarification	
All 36 credits in	specialization with the exception of 9	P-credit reduction (see below) must be
at the 800- level		
	ecialization (18-24): Mathematics I	
	5 (3) Mathematics Education Research	
2. EDCI 85	6 (3) Mathematics Education Curriculu 7 (3) Preparation/Professional Dev for	Mothematica Tarak
4. EDCI 85	8 (3) Mathematics Education Design at	nd Pagagrah Evaluation
5. EDUC 89	96 (3) Current Issues in Mathematics E	ducation and STEM Passarah
6. EDUC 85	59 (3) Current Issues in Mathematics E	ducation and STEM Research
7.		decention and STEW Research
8.		
EDUC 994 (3	) Advanced Internship in Education	(may be taken as a specialization course)
Secondary S	pecialization (12-18): Instructional De	sign and Technology
	(3) Emerging Trends in Learning Tecl	hnology
	(3) Nature and Process of Design	
	(3) Advanced Instructional Design	
4. <u>EDIT 732</u>	(3) Analysis/Design Technology Base	d Learning Environments
5. <u>EDIT 752</u> 6.	(3) Design/Implementation of Techno	logy Based Learning Environments
	ion of advising committee student was	0 1
applicable Ma	ion of advising committee, student may ister's coursework. Please indicate cou	receive a 9 credit reduction based on urse numbers and titles.
4. Dissertation Propo	osal and Research (12)	
Upon successful co	ompletion of all coursework (core and	specialization), and comprehensive
portfolio assessme	nt, students are advanced to candidacy	and enroll in EDUC 998.
EDUC 998 (3)	Doctoral Dissertation Proposal	
EDUC 999 (9)	Doctoral Dissertation Research	

## PROPOSED DATE FOR COMPREHENSIVE PORTFOLIO ASSESSMENT:

Fall	2018	

## PROGRAM RATIONALE (please review the Program Guidelines for directions):

My goal is to gain the knowledge and the competencies necessary to serve the mathematics education community from a position of both experience and deep understanding. I wish to conduct research on how technology has contributed, and may possibly contribute to mathematics education research and practice.

The core courses will provide an understanding of methods used for and approaches to education research. I anticipate that the research that I will wish to conduct on technology in mathematics education will be accomplished using technology delivered surveys (EDRS 797, EDRS 824), as well as data about individual subjects experiences, perceptions, and emotional responses (EDRS 824).

The courses of my specialization will allow me to investigate and explore historic methods and foundational frameworks in the field (EDCI 855, EDCI 858), the nature and processes of curriculum development (EDCI 856), and how teachers are prepared and supported in educational communities (EDCI 858). The current issues courses (EDUC 896, EDUC 859) will allow me to look closely at the current state of mathematics education and consider the implications of those issues going forward.

I will also supplement the instructional design coursework I completed in my Master's program (EDIT 703, EDIT 732, EDIT 752) with an exploration of how learning technologies are currently being employed (EDIT 895) and more advanced levels of design processes (EDIT 801).

Student Signature Date

Date

heir 9/20/14

te Margret Hjalmarson, Director PhD in Education Program

**Boctoral Advising Committee** 

Member

Doctoral Advising Committee

(secondary specialization)

Member

Dat

**Doctoral Advising Committee**