



**EARLY RESEARCH PROJECT** To be completed within the first 2 years of course work

ERP Committee Members (advisor + 2 faculty) \_\_\_\_\_

ERP Proposal Human Subjects Approval (if involving human subjects): \_\_\_\_\_

ERP Project Committee Defense: \_\_\_\_\_

**REQUIRED RESEARCH SPECIALIZATION:** (Minimum of 16 semester hours)

(Refer to [www.ed.uiuc.edu/ipo/grad/phdresearchspec.html](http://www.ed.uiuc.edu/ipo/grad/phdresearchspec.html) for specific requirements). **Plan for research specialization should be submitted before completion of the third semester of course work.**

*Select one Research Specialization*

| <i>Evaluation</i>  | <i>Interpretive</i>   | <i>Qualitative</i>  | <i>Quantitative</i>   |
|--|---|---|---|
| General Ed. Research course (prerequisite) CI 550 or an equivalent | General Ed. Research course (prerequisite) CI 550 an equivalent | General Ed. Research course (prerequisite) CI 550 an equivalent | General Ed. Research course (prerequisite) CI 550 an equivalent |
| Evaluation Methods   | Methods Course  | Introductory Course   | Introductory Statistics   |
| Evaluation Methods   | Specialization  | Methods Course  | Specialization  |
| Evaluation Theory  | Specialization  | Specialized/Advanced  | Specialization  |
| Evaluation Practice  |   |   |   |

Strongly recommended complementary research course: (4 semester hours)

| <i>Evaluation</i> | <i>Interpretive</i>                   | <i>Qualitative</i>                    | <i>Quantitative</i>                |
|-------------------|---------------------------------------|---------------------------------------|------------------------------------|
| None              | Introductory Statistics Course: _____ | Introductory Statistics Course: _____ | Qualitative Research Course: _____ |

Research Specialization Plan Approved: \_\_\_\_\_ Research Specialization Completed: \_\_\_\_\_

**RESIDENCY REQUIREMENT** 2 consecutive semesters with 12 “real” hours each (or 8 credits with assistantship).<sup>1</sup> Refer to [www.ed.uiuc.edu/saao/grad/handbook/phd.html](http://www.ed.uiuc.edu/saao/grad/handbook/phd.html) for more specifics.

Fulfilled?: \_\_\_\_\_ Dates: \_\_\_\_\_

**QUALIFYING EXAMINATION**

General Field Quals (Anticipated semester: \_\_\_\_\_) Completed: \_\_\_\_\_

Readers (Advisor + 2 faculty): \_\_\_\_\_

Special Field Quals (Anticipated semester: \_\_\_\_\_) Completed: \_\_\_\_\_

Readers (Advisor + 2 faculty): \_\_\_\_\_

**PRELIMINARY ORAL EXAM** (Must provide a copy of IRB approval when filing “Request for Appointment of Committee Examination” 3-4 weeks in advance)

IRB approval: \_\_\_\_\_ Paperwork for exam filed (3-4 weeks in advance) \_\_\_\_\_ Exam completed: \_\_\_\_\_

Committee members (Advisor + at least 3 faculty. Must include at least 1 outside CI, & at least 2 tenured): \_\_\_\_\_

**THESIS CREDITS:** 4-32 semester hours.

**FINAL ORAL EXAM**

Planned: \_\_\_\_\_ Completed: \_\_\_\_\_

<sup>1</sup> The Ed.D. differs from the Ph.D. in that there are fewer required research courses (but instead there is a research methodology qualifying exam), no early research project, and a modified residency requirement. Ed.D candidates must participate in an approved full-time combination of academic courses and professional experiences over four consecutive semesters, during which a total of at least 16 academic hours of course work must be taken on the UIUC campus (Independent study may not count as part of these 16 hours). See <http://www.ed.uiuc.edu/saao/grad/handbook/edd.html> for more information.

**OTHER HIGHLY RECOMMENDED ACTIVITIES FOR MST PH.D. STUDENTS**

PROFESSIONAL ASSOCIATION MEMBERSHIP(S):

\_\_\_\_\_

PROFESSIONAL CONFERENCE ATTENDED:

Title: \_\_\_\_\_

Conference: \_\_\_\_\_ Status: \_\_\_\_\_

CONFERENCE PROPOSAL SUBMITTED:

Title: \_\_\_\_\_

Conference: \_\_\_\_\_ Status: \_\_\_\_\_

MANUSCRIPT SUBMITTED:

Title: \_\_\_\_\_

Journal: \_\_\_\_\_ Status: \_\_\_\_\_

*Annual Review Completed (Use department form--on CI website): [Date, Adviser Initials]*

|                |                 |
|----------------|-----------------|
| <b>Year 1:</b> | <b>Adviser:</b> |
| <b>Year 2:</b> | <b>Adviser:</b> |
| <b>Year 3:</b> | <b>Adviser:</b> |
| <b>Year 4:</b> | <b>Adviser:</b> |
| <b>Year 5:</b> | <b>Adviser:</b> |

**Note:** Copies to be filed annually with adviser and department.

## **APPENDIX**

### **EXAMPLES OF COURSES FOR BREADTH REQUIREMENTS**

*NOTE: SOME OF THESE COURSES MIGHT BE OFFERED RARELY, WHILE OTHER COURSES NOT LISTED HERE MIGHT HAVE BEEN RECENTLY DEVELOPED. YOU SHOULD NOT FEEL BOUND TO THESE LISTS. CONSULT WITH YOUR ADVISOR ABOUT WHICH COURSES YOU SHOULD TAKE TO FULFILL THE BREADTH AREAS.*

#### **Historical and Philosophical Foundations**

C&I 507SE Historical, International and Disciplinary Perspectives on Reform  
CI 542 Science education and philosophy of science  
CI 530 Issues and trends in mathematics education  
CI 590 MSE Research design in mathematics and science education

#### **Learning and Instruction**

CI 435/CS 417 GVR Computer Assisted Instruction  
CI 507 DOB Developing on-line based instruction  
CI 507 ITL Inquiry teaching and learning  
CI 507 LS Learning in science  
CI 507 PML Problem solving in mathematics teaching and learning  
CI 507 RT Reflective teaching  
CI 531 IEM Investigative approach to teaching elementary mathematics  
CI 540 Constructivism in mathematics, science, and technology education  
CI590IFM Informal and formal mathematical learning  
CI 590PML Psychology of mathematics learning  
CI 590 UBL Ubiquitous Learning and New Media

#### **Critical Studies and Equity**

CI 507 EMS Equity in mathematics and science education  
CI 590 EET Equity issues in K-12 educational technology  
CI 590 LEE Large-scale looks at equity in education

#### **Curriculum and Teacher Education**

CI 507 ITL Inquiry teaching and learning  
CI 507 RT Reflective teaching  
CI 531 IEM: Investigative approach to teaching elementary mathematics  
CI 532 Professional Development in Mathematics Education  
CI 551 Research on teaching: Issues and methods  
CI 590 PTE Programs in teacher education