

**PH.D. IN EDUCATION**

Program plan for Margaret Chmiel

1. **General Culture (8)**

- EDUC 800 (3) Ways of Knowing
- EDUC 802 (3) Leadership Seminar
- EDUC 805 (2) Doctoral Seminar in Education

2. **Research Methods (12)**

- EDRS 810 (3) Problems and Methods in Education Research
- EDRS 811 (3) Quantitative Methods in Educational Research
- EDRS 822 (3) Qualitative Methods in Educational Research
- EDRS 821 (3) Advanced Quantitative Methods

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3. **Professional Specialization (21):** Research Methods  
Major Area

- Independent Reading EDUC 897 (3)
- Internship EDUC 994 (3)
- Mixed Methods Research EDRS 797(3)
- Evaluation Methods for Educational Programs & Curricula EDRS 820 (3)
- Design Based Research (Transfer 3)
- [EDEP 823: \(3\) Research Project in Educational Psychology: Sequence I](#)
- SOCI 631 (3) Survey Research

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*\*Professional specialization must include:*

**EDUC 994 (3) Advanced Internship in Education**

4. **Secondary Emphasis (12):** Science Education in Digital Environments  
Minor Area(s)

- Sociology 901: Culture and Cognition: Topics in Current Sociology (3)**
- Curriculum and Instruction 960: Science Education Seminar: Modeling and Inquiry (3)**
- Curriculum and Instruction 606: Critical Education Practice on the Internet (3)**
- EDIT 705: Instructional Design (3)

**5. Dissertation (12)**

**EDUC 998 (3) Doctoral Dissertation Proposal**

**EDUC 999 (9) Doctoral Dissertation Research**

**PROPOSED DATE FOR COMPREHENSIVE EXAMINATION OR COMPREHENSIVE PORTFOLIO ASSESSMENT FOR:** \_\_\_\_\_

**PROGRAM RATIONALE:**

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My primary area of academic interest is in the research and design of online learning media science education. My prior coursework and current profession have provided me with a considerable grounding in the issues and literature of both science education and instructional technology. What I would like to do, with my remaining coursework, is become well versed and confident in a variety of methodological approaches.

Questions of design teeter on the brink between practice and theory, inquiry and evaluation. In order for the field to move forward, a variety of paradigms and methodological approaches will be necessary. In order to be a nimble researcher, I would like to examine qualitative and quantitative research at the advanced level in addition to considering perspectives in mixed methods, evaluation, and survey design. I also hope to engage deeply in the philosophical considerations, conversations, and arguments that guide and inform epistemology in the social science.

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**Student Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

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**Chair,** \_\_\_\_\_ **Date** \_\_\_\_\_  
**Doctoral Advising Committee**

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**Gary Galluzo, Director** \_\_\_\_\_ **Date** \_\_\_\_\_  
**Ph.D. in Education Program**

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**Member,** \_\_\_\_\_ **Date** \_\_\_\_\_  
**Doctoral Advising Committee**  
**(minor area representative)**

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**Member,** \_\_\_\_\_ **Date** \_\_\_\_\_  
**Doctoral Advising Committee**