**Course Sequence for Students with no Master’s in IT or Equivalent**

**Degree**: Doctor of Philosophy

**Department**: Educational Psychology & Counseling

**Major**: Education

**Concentration**: Learning, Design, and Technology

**Total of 76 credit hours**

**52** credit hour coursework and **24** credit hour dissertation hours

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| **Basic core** (10 credits) | **Cr. 10** | **Semester** |
| EDPY 601 Professional Seminar | 1 | F Spr Su 20\_\_\_ |
| IT 678 Seminar in Instructional Technology | 3 | F Spr Su 20\_\_\_ |
| LEES 650 Design Thinking and Theory  | 3 | F Spr Su 20\_\_\_ |
| IT 679 Trends and Issues in Instructional Technology | 3 | F Spr Su 20\_\_\_ |
| \*Co-Requisites that do not count towards the doctoral degree include IT521 Proseminar 1: Instructional Technology as a Profession, IT570 Instructional Systems Design, and IT 573 Introduction to Multimedia Design. If students have equivalent experiences or coursework from a Master’s degree they can be exempt from part or all of the co-requisite requirement. |
| **Advanced core** (6 credits from the choices below) | **Cr. 6** | **Semester** |
| EDPY 631 Discourse Analysis | 3 | F Spr Su 20\_\_\_ |
| LEES 659 Cultural Historical Activity Theory and Methods | 3 | F Spr Su 20\_\_\_ |
| IT 681 Design of Problem Based Learning Environments | 3 | F Spr Su 20\_\_\_ |
| ETEC 587 Integrating Emerging Technologies into Teaching and Learning | 3 | F Spr Su 20\_\_\_ |
| Advisor approved course | 3 | F Spr Su 20\_\_\_ |
| **Research Apprenticeship** (6 credits required) | **Cr. 6** | **Semester** |
| LEES 602 Directed Research (Research Teams) | 3 | F Spr Su 20\_\_\_ |
| IT 693 Independent Study Research Practicum | 3 | F Spr Su 20\_\_\_ |
| **Research Methods** (15 credits, or more) | **Cr. 15** | **Semester** |
| EDPY 682 Educational Research Fundamentals | 3 | F Spr Su 20\_\_\_ |
| EDPY 559 Intro to Qualitative Res. in Ed.  | 3 | F Spr Su 20\_\_\_ |
| EDPY 577 Statistics in Applied Fields I  | 3 | F Spr Su 20\_\_\_ |
| Research elective (500 or 600 level) | 3 | F Spr Su 20\_\_\_ |
| Research elective (500 or 600 level) | 3 | F Spr Su 20\_\_\_ |
| **Electives** (9 credits, or more) | **Cr. 9** | **Semester** |
| Choice | 3 | F Spr Su 20\_\_\_ |
| Choice | 3 | F Spr Su 20\_\_\_ |
| Choice | 3 | F Spr Su 20\_\_\_ |
| **Cognate** (6 credits) | **Cr. 6** | **Semester** |
| Choice | 3 | F Spr Su 20\_\_\_ |
| Choice | 3 | F Spr Su 20\_\_\_ |
| **Dissertation** (24 credits)No more than 15 credits can be taken in one semester. | **Cr. 24** |  |
| IT 600 Dissertation hours | # credits:  | F Spr Su 20\_\_\_ |
| IT 600 Dissertation hours | # credits:  | F Spr Su 20\_\_\_ |
| IT 600 Dissertation hours | # credits:  | F Spr Su 20\_\_\_ |
| IT 600 Dissertation hours | # credits:  | F Spr Su 20\_\_\_ |
| IT 600 Dissertation hours | # credits:  | F Spr Su 20\_\_\_ |
| **Total** (76 credits minimum) | **Cr. 76** |  |