



## **Learning Technologies (EDUCST-PH, LTN)**

*Specialization leading to Doctor of Philosophy in Educational Studies*

### **Program Requirements (15 hours)**

#### **Common Core (6 hours)**

EDUCST 6891	Proseminar in Educational Policy and Leadership (3)
EDUCST 6892	Educational Policy and Inequality in Social and Cultural Context: Integrating Research Traditions (3)

#### **Research Core (choose three, 9 hours)**

*Students will select 9 hours from the following list of course sequences. Students will select one sequence, plus an additional course that reflects their research interests. This coursework will be selected by the student in consultation with the advisor, and is subject to the rules of the Graduate Studies Committee.*

##### *ANOVA Sequence:*

ESQREM 7648	Univariate Experimental Design (4)
ESQREM 8648	Multivariate Experimental Designs (4)
	One more research course (3)

##### *Regression Sequence:*

ESQREM 7651	Regression Analysis (4)
ESQREM 8658	Applied Multilevel Data Analysis (3)
	One more research course (3)

##### *Qualitative Sequence:*

ESQUAL 8280	Qualitative Research in Education: Paradigms, Theories, and Exemplars (3)
ESQUAL 8290	Qualitative Research in Education: Methods and Analysis (3)
	One more research course (3)

##### *Classroom Discourse Sequence:*

ESQUAL 8210	Qualitative Research: The Analysis of Interaction in Educational Settings (3)
ESQUAL 8211	Analysis of Classroom Discourse (3)
	One more research course (3)

##### *Specialized Sequence:*

*Students, in consultation with their advisors, may design their own methodology sequence. This is particularly suited to humanistic scholarship in education (e.g., history or philosophy of education). To complete a specialized sequence, students must take three methodology courses relevant to their research interests. Specialized research plans are approved by the Graduate Studies Committee.*

Minimum hours  
post-MA/MS: 51

For More Information:  
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## **Specialization Requirements (12 hours)**

ESLTECH 6223	Issues and Practices in Learning Technologies (3)
ESLTECH 7392	Theories of Learning with Technology (3)
ESLTECH 8216	Scholarly Perspectives in Learning Technologies (3)
ESLTECH 8226	Methods of Inquiry in Learning Technologies (3)

## **Research Apprenticeship (9 hours)**

*Students are required to take nine credit hours of work under the supervision of faculty focused on the preparation of conference presentations and/or publications, or intensive study relevant to the dissertation (use EDUCT 8191)*

EDUCST 8191	Research Apprenticeship (1-12)
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## **Elective Requirements (choose at least 2 of these or other approved courses): (minimum 6 credit hours)**

*Students may be asked by their advisor to take more specialty courses. This will be arranged with their advisor. Specialty classes may include:*

ESLTECH 6278	Introduction to Instructional Design (3)
ESLTECH 6282	Introduction to Teaching Online for K-12 Educators (3)
ESLTECH 7229	Technology, Society, and Schools (3)
ESLTECH 7277	Computer Supported Collaborative Learning (3)
ESLTECH 7278	Formative Evaluation of Learning Technologies (3)
ESLTECH 7297	Designing Multimedia for Instruction (3)
ESLTECH 8295	Applied Instructional Design (3)
ESLTECH 8296	Learning Technologies Diffusion, Innovation, and Change (3)
ESEADM 6372	Educational Technology Leadership and Administration (3)
ESPHE 7415	Philosophical Foundations of Educational Technology (3)
ESWDE 7701	Foundations of Distance Teaching and Learning (3)
ESEPSY 8402	Classroom Research on Student Motivation (3)
ESEPSY 8406	Self-Regulated Learning (3)
ESEPOL 7224	Educational Policy Analysis in Contemporary Culture (3)

## **Dissertation Requirement (minimum 6 hours)**

ESLTECH 8999	Dissertation Research
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*Note: Students exact curriculum may vary depending upon program of study determined by student and advisor, and approved by the Graduate Studies Committee.*