

Educational Technology Ph.D.

PROGRAM OF STUDY

Prerequisite Courses (9 credit hours)

Students will either take these courses or transfer in comparable courses from other degree programs. Students will work with their advisor on transfer credits after they have been admitted. Please see the website FAQ for to transfer credits.

- » EME 6609: Instructional Design (Online)
- » EME 6208: Designing Integrated Media Environments I (Online)
- » EDG 6931: Multiple Perspectives on Teaching and Learning

Required Courses (24 credit hours)

Ph.D. students must take all these courses on campus.

- » EDG 6226: Foundations of Research in Curriculum and Instruction
- » EME 5054: Foundations of Educational Technology*
- » EME 6067: Emerging Learning Technologies
- » EDG 6931: Research in the STEM Disciplines
- » EME 6235: Managing Educational Projects*
- » EME 7938: Seminar in Educational Media and Instructional Design
- » EME 6065: Human-Computer Interaction and the Learner
- » EME 6606: Advanced Instructional Design*

Electives (12 credit hours or more)

New electives are currently under development so be sure to check back. Please note that EDG 6931 is a Special Topics numbers. These courses will receive permanent numbers.

- » EME 6209: Designing Integrated Media Environments II
- » EDG 6931: Computer Science Education
- » EME 6645: Neurotechnologies in Education
- » EDG 6931: Learning Analytics in Technology Enhanced Environments
- » EDG 6931: Artificial Intelligence and Education
- » EDG 6931: Enabling Technologies for Neurodiverse Learners
- » EDG 6931: Grant Writing in Education
- » EDG 6931: Theory, Design and Development of Stealth Assessment for Learning

Research Courses (12 credit hours)

The College of Education requires all PhD students earn at least 12 hours of research. Educational Technology students will take at least 1 course each in quantitative and qualitative research methods. Students will work with their advisor to determine appropriate courses.

Optional Minor Outside of School of Teaching Learning (12 credit hours)

Qualifying Exam and Dissertation Credits (12 credit hours)

- » Student enroll in EDG 7979 to prepare for and take Qualifying Exams.

After passing Qualifying Exams, students advance to doctoral candidacy and begin work on the dissertation by enrolling in EDG 7980. Advisors will help students understand our program's dissertation guidelines and help determine the best number of credits to take each semester based on individual circumstances.

**Must be taken on campus*