ACCELERATED M.S. / PH.D. PROGRAM IN INSTRUCTIONAL TECHNOLOGY

Requirements

Program Director: Dr. Bill Sadera
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Applicants with bachelor's degrees and excellent academic standing are eligible to apply for the accelerated master's to doctorate program. In this program, students will earn a Master of Science degree (M.S.), with a concentration in Educational Technology or Instructional Design and Development within the master's, and a Doctor of Philosophy (Ph.D.) as part of an accelerated curriculum. Students may choose to take the M.S. degree and not continue to the Ph.D. as long as all required M.S. coursework is completed. Students in this program are waived from the M.S. Instructional Technology Capstone requirement and nine elective units otherwise required for the Ph.D. This accelerated program has a total credit requirement of 84 units.

Note: 12 units earned as part of the M.S. degree – EDUC 789, EDUC 790, EDUC 791 & one course from the Level II Advanced M.S. Core – will be applied toward the Ph.D. degree.

Instructional Technology with an Educational Technology Option

Degree Requirements (84 total units)

Code	Title	Units
Level I: MS Core		
ISTC 541	FOUNDATIONS IN LEARNING TECHNOLOGY AND DESIGN	3
ISTC 663	INTRODUCTION TO LEARNING SCIENCES	3
ISTC 667	INSTRUCTIONAL DESIGN AND DEVELOPMENT	3
Level II: Advanced MS Core		
ISTC 603	FOUNDATIONS OF DISTANCE EDUCATION	3
ISTC 702	EDUCATIONAL LEADERSHIP AND TECHNOLOGY	3
ISTC 731	THEORY AND PRACTICE FOR INTEGRATING DIGITAL RESOURCES INTO LEARNING AND TEACHING	3
Level III: Thesis or Elective Option		**6**
Students may select the thesis option or complete 6 units of electives.		
ISTC 897	INSTRUCTIONAL TECHNOLOGY THESIS	
or ISTC 898	INSTRUCTIONAL TECHNOLOGY THESIS	
Individually selected electives at the 600-700 level (2)		
Level IV: Research Core		
EDUC 605	INFORMING EDUCATIONAL PRACTICE TO EFFECT CHANGE	3
EDUC 789	RESEARCH METHODS, DESIGN, AND ANALYSIS	3
EDUC 790	ADVANCED MEASUREMENTS AND STATISTICS IN EDUCATION	3
EDUC 791	ADVANCED QUALITATIVE RESEARCH METHODS	3
Level V: Doctoral Core		
ISTC 700	ASSESSMENT IN INSTRUCTIONAL TECHNOLOGY	3
ISTC 707	LEARNING ENVIRONMENTS IN A DIGITAL AGE	3
ISTC 709	LEGAL AND ETHICAL ISSUES IN INSTRUCTIONAL TECHNOLOGY	3
ISTC 711	INNOVATION, CHANGE AND ORGANIZATIONAL STRUCTURES	3
ISTC 741	RESEARCH FOUNDATIONS OF INSTRUCTIONAL TECHNOLOGY	3
Level VI: Doctoral Electives		
Individually selected electives at the 600-700 level (3)		9
Level VII: Seminar and Internship		
ISTC 780	SEMINAR I: INVESTIGATING AND EVALUATING RESEARCH IN INSTRUCTIONAL TECHNOLOGY	3
ISTC 782	INVESTIGATING AND EVALUATING RESEARCH IN ISTC II	3
ISTC 797	GRADUATE INTERNSHIP IN INSTRUCTIONAL TECHNOLOGY	3
Level VIII: Dissertation Research		
ISTC 970	DISSERTATION PROPOSAL - INDEPENDENT STUDY	3
ISTC 998	INSTRUCTIONAL TECHNOLOGY DISSERTATION	12
Total Units		**84**

Instructional Design and Development Option

Degree Requirements (84 total units)

Code	Title	Units
Level I: MS Core		
EDUC 755	ADULT LEARNING THEORIES	3
or ISTC 663	INTRODUCTION TO LEARNING SCIENCES	
ISTC 541	FOUNDATIONS IN LEARNING TECHNOLOGY AND DESIGN	3
ISTC 655	DEVELOPING DIGITAL MULTIMEDIA MATERIALS FOR LEARNING DESIGN	3
ISTC 667	INSTRUCTIONAL DESIGN AND DEVELOPMENT	3
Level II: Advanced MS Core		
ISTC 715	PROJECT MANAGEMENT	3
ISTC 767	ADVANCED INSTRUCTIONAL DESIGN AND DEVELOPMENT	3
Level III: Thesis or Elective Option		**6**
Students may select either the thesis option or complete 6 units of electives		
ISTC 897	INSTRUCTIONAL TECHNOLOGY THESIS	
or ISTC 898	INSTRUCTIONAL TECHNOLOGY THESIS	

Individually selected electives at the 600-700 level (2)		
Level IV: Research Sequence		
EDUC 605	INFORMING EDUCATIONAL PRACTICE TO EFFECT CHANGE	3
EDUC 789	RESEARCH METHODS, DESIGN, AND ANALYSIS	3
EDUC 790	ADVANCED MEASUREMENTS AND STATISTICS IN EDUCATION	3
EDUC 791	ADVANCED QUALITATIVE RESEARCH METHODS	3
Level V: Doctoral Core		
ISTC 700	ASSESSMENT IN INSTRUCTIONAL TECHNOLOGY	3
ISTC 707	LEARNING ENVIRONMENTS IN A DIGITAL AGE	3
ISTC 709	LEGAL AND ETHICAL ISSUES IN INSTRUCTIONAL TECHNOLOGY	3
ISTC 711	INNOVATION, CHANGE AND ORGANIZATIONAL STRUCTURES	3
ISTC 741	RESEARCH FOUNDATIONS OF INSTRUCTIONAL TECHNOLOGY	3
Level VI: Doctoral Electives		
Individually selected electives at the 600-700 level (3)		9
Level VII: Seminar and Internship		
ISTC 780	SEMINAR I: INVESTIGATING AND EVALUATING RESEARCH IN INSTRUCTIONAL TECHNOLOGY	3
ISTC 782	INVESTIGATING AND EVALUATING RESEARCH IN ISTC II	3
ISTC 797	GRADUATE INTERNSHIP IN INSTRUCTIONAL TECHNOLOGY	3
Level VIII: Dissertation Research		
ISTC 970	DISSERTATION PROPOSAL - INDEPENDENT STUDY	3
ISTC 998	INSTRUCTIONAL TECHNOLOGY DISSERTATION	12
Total Units		**84**