

Doctor of Philosophy (PhD)

Instructional Technology & Learning Sciences

Program of Study Planning Sheet

Department of Instructional Technology & Learning Sciences

Utah State University

Overview: This program is designed for students seeking an academic career in higher education or a professional career in research or industry. The program focuses on research and theory building in the areas of instructional design, technologies, and learning.

Program: 60 credits minimum are required for the PhD with a master's degree in this field. Students with a master's degree in a field other than Instructional Technology will be required to complete the ITLS Master's core (a total of 9 credits) in addition to the 43 credits. Students who do not have a master's degree will be required to complete a 70 credit PhD including the ITLS Master's core classes. Check the Master's program planning sheet for the required courses. Admittance to the Instructional Technology & Learning Sciences PhD program is prerequisite to enrolling in any required PhD core courses.

Required Core Courses (7 credits)			Credits	Fall	Spring	Summer	Prerequisites
ITLS	6300	ITLS Orientation	1	F2F			Program Admittance
ITLS	7000	Pro-seminar I in Instructional Technology	3	F2F			Program Admittance
ITLS	7300	Research in Instructional Technology & Learning Sciences	3	F2F			EDUC 6570 & 1 Pro-seminar

Responsible Conduct of Research Training (Required Certificate)							
USU	6900	Research Integrity	0		f2f		Must be completed 1 st spring semester

Required Research Methods Courses (9 credits)							
EDUC	6570	Research Methods	3	F2F	F2F	F2F	PSY 3010
EDUC	6600	Measurement, Design & Analysis I	3	F2F	F2F	F2F	EDUC 6570
EDUC	6770	Qualitative Methods I	3		F2F		EDUC 6570

Elective Research Courses (Minimum 3 credits required)							
EDUC	7610	Measurement, Design & Analysis II	3	F2F	F2F	F2F	EDUC 6600
EDUC	6780	Qualitative Methods II	3		F2F		EDUC 6770
EDUC	6010	Introduction to Program Evaluation	3	F2F	F2F		
EDUC	7670	Literature Review	2		F2F	F2F	

Other methodology course (Computer Science, English, Sociology) with advisor approval

Elective Courses (Minimum 12 credits required)							
ITLS	7870	Current Issues Seminar * ^	3	F2F	F2F		
ITLS	7150	Advanced Seminar*	3	F2F	F2F	F2F	
ITLS	7900	Independent Study*	1-6	ARR	ARR	ARR	
ITLS	7910	Independent Research*	1-6	ARR	ARR	ARR	

Other Elective courses (Computer Science, English, MIS, etc.) with advisor approval.

^ Doctoral students must take at least once.

Practica (Minimum 8 credits)							
		Empirical Research*	2	ARR	ARR	ARR	
		Funding Proposal*	2	ARR	ARR	ARR	
		Design/Development*	2	ARR	ARR	ARR	
		Literature Review*	2	ARR	ARR	ARR	
		Teaching*	2	ARR	ARR	ARR	

Dissertation (Minimum 12 credits required)							
ITLS	7970	Dissertation*	1-18	ARR	ARR	ARR	

* Repeatable for credit

Note: No more than 15 semester credits of 5000-5999 coursework may be used for a graduate degree, except for a doctorate without a master's degree, for which a total of 21 semester credits of 5000-5990 level coursework may be used upon recommendation by the student's supervisory committee and approval by the graduate dean.