

Doctor of Philosophy (PhD)

Program Planning Sheet

Department of Instructional Technology & Learning Sciences

Effective for Students admitted Summer 2025 to current

Program Requirements: The PhD degree program requires a minimum of **48** credits with a master's degree in this field. A minimum of **54** credits, including ITLS master's core courses, are required for students with a master's degree in a field other than Instructional Technology or Learning Sciences. Students who do not have a master's degree will be required to complete a minimum of **70** credits, including ITLS master's core courses. Students have 8 calendar years to complete all degree requirements.

Delivery formats: I = In Person only, H = Hybrid (at least 50% in-person), C = Connect (formerly IVC), V = Virtual (formerly web broadcast), O = Online (asynchronous), X = Check catalog for most up to date information\
Additional information for specific classes: ^ = odd years, * = even years, & = may be taken more than one time for credit. A number after delivery format shows the suggested year of the program.

Check the ITLS website for the courses available each semester: <https://cehs.usu.edu/itls/courses>

PhD Core Courses – 3 required courses (9 credits)							
			Credits	Fall	Spring	Summer	Prerequisites
ITLS	7011	Introduction to Theories and Methods of ITLS I	3	I-1			Program Admittance
ITLS	7015	Introduction to Theories and Methods of ITLS II	3		I-1		ITLS 7011
ITLS	7025	Foundations in ITLS	3	I-2			ITLS 7015

Research Methods Courses – 4 required courses (12 credits)							
There are 4 required research methods courses. Students can, in consultation with their advisor, take EDUC 6050 (applied statistics) instead of EDUC 6600 and 7610. However, taking EDUC 6050 will close the door to advanced methods classes for which EDUC 6600 and/or 7610 are prerequisites.							
			Credits	Fall	Spring	Summer	Prerequisites
EDUC	6570	Intro to Educational and Psychological Research	3	X	X	X	
EDUC	6600	Statistical Foundations	3	X	X		EDUC 6570
EDUC	7610	Regression Analysis	3	X	X		EDUC 6600
EDUC	6770	Qualitative Research Methods	3	X	X		Co-requisite EDUC 6570

Electives – 5 courses (15 credits)							
Electives allow PhD students to customize their area of focus. At least one elective MUST be a research methods course.							
			Credits	Fall	Spring	Summer	Prerequisites
ITLS	7340	Building Community Partnerships in Research Contexts	3		V^		
ITLS	7350	Ethnography	3	V*			EDUC 6770
ITLS	7360	Design Based Research	3	I^			
ITLS	6760	Grant and Proposal Writing	3		O		

			Credits	Fall	Spring	Summer	Prerequisites
ITLS	7870	Intro to Learning Analytics	3		I*		
ITLS	7545	Sociocultural Learning Theory	3	V			
ITLS	6910	Independent Research	1-6	X	X		
ITLS	6320	Writing for Design	3		O	O	
ITLS	6730	Games and Learning	3	O			
ITLS	6270	Digital Making and Learning	3		I		
EDUC	6010	Introduction to Program Evaluation	3	V			-
EDUC	6800	Mixed Methods Research	3		C		EDUC/PSY 6600, EDUC 6770
EDUC	7670	Literature Reviews in Education and Psychology	2		I^		EDUC/PSY 6600
PSY	6560	Introduction to Psychological Research	3	I			
PSY	7090	Quantitative Psychology Seminar	1	I	I		
PSY	7650	Multilevel and Marginal Models for the Social Sciences	3	I			EDUC/PSY 7610
PSY	7760	Structural equation modeling	3	I			EDUC/PSY 7610
PSY	7770	Longitudinal data analysis	3		I^		PSY 7760
HDFS	6031	Research Methodology	3	I			
HDFS	7032	Multivariate Data Analysis in Human Development and Family Studies	3		I		EDUC/PSY 7610
HDFS	7100	Meta Analysis & Literature Review	3		I*		
TEAL	7547	Thinking with Theory in Qualitative Research	3	I			EDUC 6770
TEAL	7546	Qualitative Data Analysis	3		I		EDUC 6770

Other General Electives as approved by chairperson

Dissertation – (12 – 18 credits) Total required credits is determined by your entry degree						
Master's Entry: 12 credits required			Bachelor's Entry: 18 credits required			
			Credits	Fall	Spring	Summer
ITLS	7970	Dissertation	3		I/O	

Master's Core Courses – 6 credits (required for students w/out ITLS Master's degree)						
			Credits	Fall	Spring	Summer
ITLS	6520	Instructional Design I	3		I/O	
ITLS	6535	Design Thinking	3	I/O		