

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	Current Topics 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	7870	Introduction to Learning Analytics	3		I^		
ITLS	6760	Grant and Proposal Writing	3		O		

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			Credits	Fall	Spring	Summer	Prerequisites
ITLS	7870	Design Based Implementation Research	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		