

## Department of Instructional Technology & Learning Sciences

Utah State University

Effective for students admitted Prior to Summer 2023

**Program Requirements:** The PhD degree program requires a minimum of **43** credits with a master's degree in this field. A minimum of **52** credits, including ITLS master's core courses, 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.

O = Online only, F = Face to Face only, B = Both Face to Face and Online options, S = Synchronous Broadcast, X = Check Catalog  
Check the ITLS website for the courses available each semester. [<http://itls.usu.edu/courses/schedule>]

### Core Courses – 7 credits required

			Credits	Fall	Spring	Summer	Prerequisites
ITLS	6300	ITLS Orientation	1	O	O	O	Program Admittance
ITLS	7000	Pro-seminar in Instructional Technology	3	F			Program Admittance; Master's Core
ITLS	7300	Research in Instructional Technology & Learning Sciences	3		F		EDUC 6570 & ITLS 7000: Pro-seminar

### Research Methods Courses – 12 credits required

EDUC	6570	Introduction to Educational and Psychological Research	3	X	X	X	
EDUC	6600	Research Design and Analysis I	3	X	X	X	EDUC 6570
EDUC	6770	Qualitative Methods I	3	X	X		EDUC 6570

#### Choose one course from the following

ITLS	7340	Building Community Partnerships in Research Contexts	3		S^		
ITLS	7350	Ethnography	3	S^			EDUC 6770
EDUC	7610	Regression Analysis*	3	X	X	X	EDUC 6600
EDUC	6010	Introduction to Program Evaluation	3	X			

\*Note: The sequence of EDUC 6600 and EDUC 7610 have substantially changed since 7610 was a recommended class as part of our PhD planning sheets. Currently, taking only 6600 is an incomplete introduction to quantitative methods. Students looking to take a single quantitative class are better served consulting with their advisor about EDUC 6050 instead of 6600. The combination of 6600 and 7610 is highly recommended.

Complete the online responsible conduct of research training <https://gradschool.usu.edu/online-rcr-training/> with the “social and behavioral research” focus

Other methodology courses (Computer Science, English, Sociology, etc.) with chairperson approval

### Dissertation – 12 credits required for students w/MS 18 required for students w/BS

ITLS	7970	Dissertation**	1-18	ARR	ARR	ARR	
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### Master's Core Courses - 9 credits (required w/out ITLS master's degree)

ITLS	6520	Instructional Design I	3		B		
ITLS	6535	Design Thinking	3	B			

ITLS	6540	Learning Theory	3	B			
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^ Taught alternating years

\* Taught periodically, check schedule for availability and delivery format

\*\*May be taken more than one time for credit

<b>General Elective Course Options – 12 credits required</b>			<b>Credits</b>	<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
ITLS	5000	School Library Foundation and Learning	3	S		
ITLS	5015	School Library Organization and Access	3	S		
ITLS	5025	School Library Instruction and Assessment	3		S	
ITLS	5030	School Library Literacy and Programs	3		S	
ITLS	5040	School Library Leadership and Administration	3			S
ITLS	6205	Instructional Media Production	3		O	O
ITLS	6210	Virtual Environment and Development	3	O		O^
ITLS	6215	Video and Audio Design and Production I	3	O		O
ITLS	6220	Video and Audio Design and Production II	3		O	
ITLS	6230	Graphic Design and Production I	3		O	O
ITLS	6240	Graphic Design and Production II	3	O		
ITLS	6245	E-learning Authoring Tools	3		O	O^
ITLS	6260	Mobile Design and Development for Learning	3		O	
ITLS	6265	Internet Development	3	B	B	O
ITLS	6270	Digital Making & Learning	3		F	
ITLS	6320	Writing for Design	3			O
ITLS	6390	Transformative Uses of Technology for Learning	3			O
ITLS	6510	Evaluation and Research	3		B	
ITLS	6520	Instructional Design I	3		B	
ITLS	6530	Instructional Design II	3	B		
ITLS	6535	Design Thinking	3	B		
ITLS	6540	Learning Theory	3	B		
ITLS	6545	Advanced Learning Theory*	3			
ITLS	6560	Project and Organizational Management	3		B	
ITLS	6570	Performance Systems	3			O
ITLS	6650	Research Seminar**	1-3			
ITLS	6720	Adult Education, Theory & Practice	3			O
ITLS	6730	Games & Learning	3	O		
ITLS	6760	Grant and Proposal Writing	3	O		
ITLS	6870	Current Issues Seminar*	1-3			
ITLS	6900	Independent Study	1-6	ARR	ARR	ARR
ITLS	6910	Independent Research	1-6	B	B	
ITLS	7820	Practicum in Instructional Technology**	2	ARR	ARR	ARR
ITLS	7900	Independent Study**	1-6	ARR	ARR	ARR
ITLS	7910	Independent Research**	1-6	ARR	ARR	ARR
<b>Other courses approved by your chairperson</b>						

^ Taught alternating years

\* Taught periodically, check schedule for availability and delivery format

\*\*May be taken more than one time for credit