

## Learning Sciences Doctoral Core Curriculum

<i>Course</i>	<i>Course Title</i>	<i>Credit Hours</i>
<b>Prerequisite Courses</b>		
EPSY 602*	Educational Psychology	3
EPSY 622*	Measurement and Evaluation in Education	3
EPSY 635*	Educational Statistics	3
EPSY 636*	Techniques of Research	3
EPSY 673*	Learning Theories	3
<b>Core courses</b>		
EPSY 625	Advanced Psychometric Theory	3
EPSY 640	Experimental Design in Education I	3
EPSY 641	Experimental Design in Education II	3
Human Development EPSY 646 EPSY 647	One of the following: Issues in Child and Adolescent Development Lifespan Development	3
Educational Technology EDTC 654 EDTC 689 EDTC 608	One of the following: Instructional Design Designing for Mobile Learning Online Course Design	3
Qualitative Research 1 EPSY 689	Qualitative Research Design and Data Collection	3
Qualitative Research 2 EDAD 623 EHRD 656 EPSY 637 SOC1 624	One of the following advanced methods: Advanced Fieldwork Methods Narrative Analysis Qualitative Grounded Theory Methodologies Qualitative Methodology	3
		36
EPSY 691	Dissertation Research Hours	12
Electives	EDTC, RMS and CCID Courses	16
<b>Total*</b>		<b>64</b>
<b>*University Minimum Credit Hour Requirement=64 with Master's Degree, 96 with Baccalaureate Degree</b>		

\* Note: **Prerequisite course** requirements may be waived for students who have comparable previous coursework or demonstrate requisite knowledge and skills. Students who feel that they meet these criteria should consult with their advisor.

## Learning Sciences Electives (EDTC, RMS and CCID)

EDTC		RMS		CCID	
<b>EDTC 602</b>	Educational Technology: Field, Theory, Profession	<b>EPSY 631</b>	Program Evaluation	<b>EPSY 606</b>	Motivation and Emotion
<b>EDTC 613</b>	Planning for Technology Integration	<b>EPSY 642</b>	Meta-Analysis of Behavioral Research	<b>EPSY 646</b> <b>OR</b> <b>EPSY 647</b>	Issues in Child and Adolescent Development  OR Lifespan Development
<b>EDTC 621</b>	Graphic communication and Interface Design	<b>EPSY 643</b>	Applied Multivariate Methods		
<b>EDTC 631</b>	Educational video	<b>EPSY 650</b>	Multiple Regression and Linear Models	<b>EPSY 659</b>	Practicum in Educating the Gifted and Talented: YAP
<b>EDTC 641</b>	Educational Game Design	<b>EPSY 651</b>	Theory of Structural Equation Modeling	<b>EPSY 679</b>	Research on Teacher Effectiveness
<b>EDTC 645</b>	Emerging Technologies for Learning 1	<b>EPSY 652</b>	Theory of Hierarchical Linear Modeling	<b>EPSY 648</b>	Intelligence and Creativity
<b>EDTC 646</b>	Emerging Technologies for Learning 2	<b>EPSY653</b>	Advanced Structural Equation Modeling	<b>EPSY 689</b>	Neuro Science
<b>EDTC 651</b>	E-Learning Design and Development	<b>EPSY 654</b>	Longitudinal Data Analysis		
<b>EDTC 689</b>	Designing for Mobile Learning	<b>EPSY 655</b>	Item Response Theory		
		<b>EPSY 656</b>	Survey Instrument Development		
		<b>EPSY 690</b>	Test Development (Or Theory of Educational Psychology Research)		
<b>EDTC</b>	9 courses	<b>RMS</b>	11 courses	<b>CCID</b>	6 courses