



**UNC CHARLOTTE**

Cato College of Education  
Middle, Secondary, & K-12 Education

*Doctor of Philosophy in Curriculum and Instruction:  
Learning, Design and Technology*

*Program Director: Dr. Tina Heafner (theafner@uncc.edu)*

*Concentration Co-Coordinators: Dr. Ayesha Sadaf  
(asadaf@uncc.edu) and Dr. Tina Heafner (theafner@uncc.edu)*

<b>Course #</b>	<b>Title</b>	<b>Credit Hours</b>
<b>Core Courses</b>		<b>15</b>
<b>EDCI 8620</b>	Pro-Seminar in Curriculum, Instruction, and Educational Leadership	3
<b>EDCI 8180</b>	Critical Issues and Perspectives in Urban Education	3
<b>EDCI 8182</b>	Power, Privilege and Education	3
<b>EDCI 8184</b>	Social Theory and Education	3
<b>EDCI 8186</b>	Globalization, Urbanization and Urban Schools	3
<b>Research Methodology Courses</b>		<b>15</b>
<i>Required Courses:</i>		
<b>RSCH 8110</b>	Descriptive and Inferential Statistics	3
<b>RSCH 8210</b>	Applied Research Methods	3
<i>Choose three or more of the following:</i>		
<b>EDCI 8121</b>	Applied Research Methods in the Teaching of English	3
<b>EDCI 8250</b>	Applied Research in Literacy Education	3
<b>RSCH 8111</b>	Qualitative Research Methods	3
<b>RSCH 8112</b>	Survey Research Methods	3
<b>RSCH 8113</b>	Single-Case Research	3
<b>RSCH 8120</b>	Advanced Statistics	3
<b>RSCH 8121</b>	Advanced Qualitative Methods	3
<b>RSCH 8130</b>	Presentation and Computer Analysis of Data	3
<b>RSCH 8140</b>	Multivariate Statistics	3
<b>RSCH 8150</b>	Structural Equation Modeling	3
<b>RSCH 8196</b>	Program Evaluation Methods	3

*Five courses are required but not necessarily sufficient. Additional courses not listed require program director approval.*



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Course #	Title	Credit Hours
<b>Learning, Design and Technology Specialization Courses</b>		<b>21</b>
<i>Required Courses (6 Credit Hours)</i>		
ADMN 8695	Advanced Seminar in Teaching and Learning	3
EIST 8102	Research in Learning, Design and Technology	3
<i>Elective Courses (15 Credit Hours)</i>		
<i>Select from the following, in consultation with the Program Advisor. Students may enroll in graduate-level credit outside of this list with approval of the Program Advisor.</i>		
EIST 8000	Topics in Learning, Design and Technology	3
EIST 8100	Foundations of Learning, Design and Technology	3
EIST 8110	Instructional Design	3
EIST 8120	Current Trends in Learning, Design and Technology	3
EIST 8121	Advanced Instructional Design	3
EIST 8130	Instructional Multimedia Development	3
EIST 8135	Learning Media, Resources and Technology	3
EIST 8140	Instructional Video Development	3
EIST 8150	Design, Development, and Evaluation of Online Learning Systems	3
EIST 8160	Designing Learning Systems with Simulation and Game Technology	3
EIST 8170	Human Performance Technology	3
EIST 8800	Individual Study in Learning, Design, and Technology	1-6
EDCI 8681	Seminar in College Teaching	3
<b>Required for Dissertation</b>		<b>9</b>
EDCI 8699*	Dissertation Proposal Seminar	3
EDCI 8999**	Dissertation Research	6

*\*Contact the Program Director for approval to enroll in EDCI 8699 and EDCI 8999. To be taken after successful completion of the comprehensive examinations and pre-proposal meeting with committee members.*

*\*\*Students must be admitted to candidacy to enroll in EDCI 8999. A minimum of 6 credit hours of dissertation research is required. Additional hours may be taken to complete the dissertation process.*