



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

***Program Director: Dr. Tina Heafner (theafner@charlotte.edu)  
Concentration Coordinator: Dr. Ayesha Sadaf (asadaf@uncc.edu)***

| Course #   | Title  | Credit Hours |
|--|--|--------------|
| <b>Core Courses</b>  |  | <b>15</b>    |
| EDCI 8620  | Pro-Seminar in Curriculum, Instruction, and Educational Leadership     | 3            |
| EDCI 8180  | Critical Issues and Perspectives in Urban Education                    | 3            |
| EDCI 8182  | Power, Privilege and Education   | 3            |
| EDCI 8184  | Social Theory and Education  | 3            |
| EDCI 8186  | Globalization, Urbanization and Urban Schools                          | 3            |
| <b>Research Methodology Courses</b>  |  | <b>15</b>    |
| <b><i>Required Courses:</i></b>  |  |              |
| RSCH 8110  | Descriptive and Inferential Statistics                                 | 3            |
| RSCH 8210  | Applied Research Methods   | 3            |
| GRAD 8990  | Academic Integrity   | 0            |
| <i>All Ph.D. students are required to register for GRAD 8990 Academic Integrity in the first semester.</i> |  |              |
| <b><i>Choose three or more of the following:</i></b>   |  |              |
| EDCI 8121  | Applied Research Methods in the Teaching of English                    | 3            |
| RSCH 8111  | Qualitative Research Methods   | 3            |
| RSCH 8112  | Survey Research Methods  | 3            |
| RSCH 8113  | Single-Case Research   | 3            |
| RSCH 8120  | Advanced Statistics  | 3            |
| RSCH 8121  | Advanced Qualitative Methods   | 3            |
| RSCH 8131  | Interviewing as Qualitative Inquiry                                    | 3            |
| RSCH 8140  | Multivariate Statistics  | 3            |
| RSCH 8150  | Structural Equation Modeling   | 3            |
| RSCH 8160  | Hierarchical Linear Models in Education                                | 3            |
| RSCH 8196  | Program Evaluation Methods   | 3            |
| RSCH 8197  | Design and Analysis of Experimental and Quasi-Experimental Evaluations | 3            |

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| <b>RSCH 8220</b> | <b>Educational and Psychological Measurement</b> | <b>3</b> |
| <b>RSCH 8230</b> | <b>Theory and Applications of Measurement</b>    | <b>3</b> |
| <b>RSCH 8890</b> | <b>Special Topics in Research</b>                | <b>3</b> |

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

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| <b>Learning, Design and Technology Specialization Courses</b> | <b>21</b> |
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**Required Courses (6 Credit Hours)**

|                  |  |          |
|------------------|--|----------|
| <b>ADMN 8695</b> | <b>Advanced Seminar in Teaching and Learning</b>   | <b>3</b> |
| <b>ELDT 8102</b> | <b>Research in Learning, Design and Technology</b> | <b>3</b> |

**Elective Courses (15 Credit Hours)**

*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.*

|                  |   |            |
|------------------|---|------------|
| <b>ELDT 8000</b> | <b>Topics in Learning, Design and Technology</b>                      | <b>3</b>   |
| <b>ELDT 8100</b> | <b>Foundations of Learning, Design and Technology</b>                 | <b>3</b>   |
| <b>ELDT 8110</b> | <b>Instructional Design</b>   | <b>3</b>   |
| <b>ELDT 8120</b> | <b>Current Trends in Learning, Design and Technology</b>              | <b>3</b>   |
| <b>ELDT 8121</b> | <b>Advanced Instructional Design</b>                                  | <b>3</b>   |
| <b>ELDT 8130</b> | <b>Instructional Multimedia Development</b>                           | <b>3</b>   |
| <b>ELDT 8135</b> | <b>Learning Media, Resources and Technology</b>                       | <b>3</b>   |
| <b>ELDT 8140</b> | <b>Instructional Video Development</b>                                | <b>3</b>   |
| <b>ELDT 8150</b> | <b>Design, Development, and Evaluation of Online Learning Systems</b> | <b>3</b>   |
| <b>ELDT 8160</b> | <b>Designing Learning Systems with Simulation and Game Technology</b> | <b>3</b>   |
| <b>ELDT 8170</b> | <b>Human Performance Technology</b>                                   | <b>3</b>   |
| <b>ELDT 8180</b> | <b>LDT Project Management and Team Leadership</b>                     | <b>3</b>   |
| <b>ELDT 8800</b> | <b>Individual Study in Learning, Design, and Technology</b>           | <b>1-6</b> |
| <b>EDCI 8681</b> | <b>Seminar in College Teaching</b>                                    | <b>3</b>   |

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| <b>Required for Dissertation</b> | <b>9</b> |
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| <b>EDCI 8699*</b>  | <b>Dissertation Proposal Seminar</b> | <b>3</b> |
| <b>EDCI 8999**</b> | <b>Dissertation Research</b>         | <b>6</b> |

*\*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.***

***Minimum Total Credits***

**60**

*A minimum of 60 hours is required but not necessarily sufficient. Additional courses may be recommended by Program Advisor for the Ph.D. in Curriculum and Instruction.*