LEARNING DESIGN AND TECHNOLOGY (PH.D.)

The Doctor of Philosophy (Ph.D.) program in Learning Design and Technology prepares researchers to apply evidence-based practices in higher education, business, healthcare, and government. The curriculum provides knowledge necessary to explore, evaluate, synthesize, and apply methods of inquiry to enhance learning and improve performance. Students apply knowledge necessary to create, use, assess, and manage theoretical and practical applications within a supportive community of practice.

The Ph.D. in Learning Design and Technology is designed for those who meet the following criteria and whose research interest align with those of our faculty to provide support and mentoring.

• Already have a Master's degree
• Are knowledgeable and experienced in the field (either through previous academic work or significant related work experience) and
• Demonstrate scholarly promise

Admission Requirements
An informal interview with a potential faculty advisor is mandatory before completing an application for the Ph.D. program.

• A completed WSU Graduate Application
• Grade Point Average: Undergraduate 2.8 and graduate 3.4
• Valid and official Graduate Record Examination (GRE) scores (Verbal Reasoning, Quantitative Reasoning, Analytical Writing)
• Three academic recommendations
• Departmental interview with faculty
• Autobiographical statement, curriculum vita, and a research plan of intent must include research alignment with a potential academic advisor.
• Research plan of intent must include:
  • What are your current research interests?
  • Who do you think among our faculty would be your best advisor and why? (You can suggest 1 – 2 people as possible advisors with a rationale for each.)
  • How do the research interests of the selected advisors fit with your own interests?
  • Additional information often included in the statement of intent includes information on the candidate’s background and experiences and any anomalies in the candidate’s record that need explanation.

Program Requirements
All coursework must be completed in accordance with the academic procedures of the College of Education (http://bulletins.wayne.edu/graduate/college-education/academic-regulations/) and the Graduate School’s (http://bulletins.wayne.edu/graduate/general-information/degree-certificate-requirements/) regulations governing graduate scholarship and degrees. All doctoral committees must include a minimum of two faculty members from Learning Design and Technology; three LDT faculty members are preferred for Ph.D. students. All plans of work are developed in consultation with the student’s assigned doctoral advisor. Students are required to meet with their academic advisor before registering for courses in the first term to develop a plan of work.

A minimum of 90 credits are required for a Ph.D. in Learning Design and Technology. Core requirements in the major include:

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LDT 7111</td>
<td>Design Thinking and Knowledge</td>
<td>24</td>
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<tr>
<td>LDT 7112</td>
<td>Advanced Learning Design</td>
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<td>LDT 7145</td>
<td>Needs Assessment and Analysis</td>
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<td>LDT 7150</td>
<td>Evaluation of Learning and Performance</td>
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<td>LDT 8100</td>
<td>Critical Issues in LDT Scholarship</td>
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<tr>
<td>LDT 8110</td>
<td>Theory and Research in LDT Scholarship</td>
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**Research Courses: 17 credits (15 credits required)**

- EER 7640 Fundamentals of Quantitative Research
- EER 7870 Qualitative Research I: Introduction
- LDT 9105 Conducting Research in Learning Design and Technology
- LDT 9110 Advanced Research Seminar and Practicum
- One of the following:
  - EER 7880 Fundamentals of Ethnographic Research
  - EER 8800 Variance and Covariance Analysis
  - EER 8700 Advanced Qualitative Program Evaluation

**LDT Electives: 19 credits in consultation with your advisor (LDT 7000 – 8999)**

- LDT 7130 Facilitating Digital Learning
- LDT 7140 Interactive Course Design
- LDT 7180 Message Design for Learning
- LDT 7210 Emerging Technologies for Digital Learning
- LDT 7220 Mobile Learning Technologies
- LDT 7230 Video, Simulation, and Games for Learning
- LDT 7310 UX Design for Learning
- LDT 8320 Performance Consulting and Analysis

**Dissertation Research: 30 credit hours**

- ED 9991 Doctoral Candidate Status I: Dissertation Research and Direction
- ED 9992 Doctoral Candidate Status II: Dissertation Research and Direction
- ED 9993 Doctoral Candidate Status III: Dissertation Research and Direction
- ED 9994 Doctoral Candidate Status IV: Dissertation Research and Direction

**Total Credits**

90

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