LEARNING SCIENCE - PH.D.

College of Education Health and Human Services
School of Lifespan Development and Educational Sciences
www.kent.edu/ehhs/ldes

About This Program
The Learning Science Ph.D. program provides advanced training in research and theory to prepare you for a leadership role in education. Read more...

Contact Information
• Bradley Morris | bmorri20@kent.edu | 330-672-2294
• Connect with an Admissions Counselor: U.S. Student | International Student

Program Delivery
• Delivery:
  • In person
• Location:
  • Kent Campus

Examples of Possible Careers
• University professor
• Human behavior researcher
• K-12 teacher
• Data analyst
• Curriculum specialist
• Academic counseling
• Assessment specialist
• Educational research
• Program evaluation
• Data scientist
• Researcher for business/industry
• Marketing
• Advertising

For more information about graduate admissions, visit the graduate admission website. For more information on international admissions, visit the international admission website.

Admission Requirements
• Bachelor’s degree or higher from an accredited college or university
• Minimum 2.750 undergraduate and graduate GPA on a 4.000-point scale
• Minimum 18 credit hours of courses in psychology, education or related fields (including a course in statistics)
• Official transcript(s)
• Research experience and broad background in educational psychology, psychology or related fields
• Curriculum vitae
• Goal statement
• Three letters of recommendation

• Interview
• English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions to waive) by earning one of the following:
  • Minimum 79 TOEFL iBT score
  • Minimum 6.5 IELTS score
  • Minimum 58 PTE score
  • Minimum 110 DET score

1 International applicants who do not meet the above test scores may be considered for conditional admission.

Application Deadlines
• Fall Semester
  • Priority deadline: January 1
    Applications submitted by this deadline will receive the strongest consideration for admission.

Program Requirements

Major Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>LRNS 76510</td>
<td>INTRODUCTION TO R FOR EDUCATIONAL AND LEARNING SCIENCES</td>
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<td>LRNS 76511</td>
<td>STATISTICAL PROGRAMMING IN R FOR LEARNING SCIENCE</td>
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<td>RMS 75510</td>
<td>STATISTICS I FOR EDUCATIONAL SERVICES</td>
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<td>RMS 78713</td>
<td>MULTIVARIATE ANALYSIS IN EDUCATIONAL RESEARCH</td>
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<td>STATISTICS II: ANOVA AND NONPARAMETRIC TESTS</td>
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<td>RMS 78728</td>
<td>MULTIPLE REGRESSION</td>
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<td>RMS 78735</td>
<td>STRUCTURAL EQUATION MODELING</td>
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<td>RMS 78745</td>
<td>HIERARCHICAL LINEAR MODELING</td>
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<td>QUANTITATIVE RESEARCH DESIGN AND ANALYSIS</td>
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<td>RMS 85517</td>
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<td>EPSY 75520</td>
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<td>EPSY 75524</td>
<td>LEARNING THEORIES</td>
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<td>EPSY 75529</td>
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<td>EPSY 78905</td>
<td>EDUCATIONAL PSYCHOLOGY</td>
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<td>EPSY 89091</td>
<td>SEMINAR IN LEARNING AND DEVELOPMENT</td>
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<td>EPSY 89095</td>
<td>SPECIAL TOPICS IN LEARNING AND DEVELOPMENT</td>
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<td>EPSY 70093</td>
<td>VARIABLE TOPIC WORKSHOP IN EDUCATIONAL PSYCHOLOGY</td>
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Program Learning Outcomes
Graduates of this program will be able to:

1. Inform and enhance practice based on deep knowledge of research, theories and principles of cognition, learning and development.
2. Synthesize and critically evaluate scholarly articles and texts.
3. Apply principles of research design to create rigorous experiments and studies.
4. Analyze and interpret quantitative data using appropriate cutting-edge methodologies and tools.
5. Develop scientific writing skills in order to effectively communicate research findings to the scientific community and practitioners.
6. Design and conduct empirical research to investigate the cognitive and developmental basis for effective teaching and learning practices.
7. Disseminate original, empirical research through scholarly presentations, conferences and publications.

Full Description
The Ph.D. degree in Learning Science provides an advanced and interdisciplinary study in the principles of human cognition, learning and development. The program provides rigorous training in the theoretical foundations of cognition, learning and development, as well as research design, instrumentation, quantitative analysis and research application. Graduates are qualified to become faculty at the university level and are also prepared for careers in a variety of industry and government settings conducting research and guiding the application of evidence-based practices.

Candidacy
Students who have been admitted into the doctoral program will be considered for Ph.D. candidacy after they have met all requirements for the master’s degree. In addition, the department reserves the right to separate from the program a student who, in the opinion of a duly constituted departmental committee, is not likely to succeed professionally despite earning acceptable grades.

Graduation Requirements

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<th>Minimum Major GPA</th>
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- The doctoral program requires a minimum of four years of full-time attendance for holders of the bachelor's degree.
- All doctoral students complete a (1) program of basic core courses, (2) select additional courses and seminars with the aid of a faculty advisor and (3) master's thesis and a doctoral dissertation.
- A limited number of graduate courses outside the department may be credited toward graduation.
- Doctoral program aspirants who do not hold a master's degree upon starting the program must complete all the requirements for the M.A. degree in Learning Science.