LEARNING & EDUCATION STUDIES: DIGITAL ENVIRONMENTS FOR LEARNING, TEACHING & AGENCY, BS (DELTA)

for the degree of Bachelor of Science Major in Learning & Education Studies, Digital Environments for Learning, Teaching & Agency concentration

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program website: Learning and Education Studies (https://education.illinois.edu/programs/undergrad/learning-and-education-studies)
faculty: College of Education Faculty (https://education.illinois.edu/faculty-finder)
overview of college admissions & requirements: U (https://admissions.illinois.edu/myillini-apply)
dergraduate Admissions (https://education.illinois.edu/programs/undergrad)
college website: https://education.illinois.edu/

The undergraduate non-licensure concentration in Digital Environments for Learning, Teaching, and Agency (DELTA) will provide students with a strong background in the design, development and implementation of technology for a range of learning environments. Courses will introduce students to learning theory, designing and using technology to support learning, and issues encountered when deploying technology to schools, workplaces and informal learning spaces. The program culminates in a capstone course in which students work on a design project under the direction of one or more faculty members.

Graduating students will be prepared to engage with various stakeholders interested in using technology to support learning in a range of different contexts. Examples include selecting and deploying appropriate technology to support pedagogic goals for schools, corporations, or informal learning environments such as museums and afterschool clubs, designing educational games or toys and educational application development. One of the main objectives for students in DELTA is to build new ways to support learning, and prepare them for leadership roles in formal and informal environments, technology design and implementation strategies. They will also be prepared to pursue graduate study in a range of programs, such as educational technology, learning sciences, or instructional technology at the University of Illinois or elsewhere.

Students are encouraged to pursue a relevant minor or coherent set of electives from several related departments. Suggested minors include: computer science, communication, psychology, informatics, media and cinema studies or sociology. Students may also consider a minor in a specific content area from the arts and sciences to develop expertise in a particular field.

The DELTA concentration consists of 24 hours of course work. Students are required to take a minimum of two foundations courses, three core courses and three elective courses. The core courses are designed to ensure students leave the program with foundational knowledge and skills necessary to design, develop, implement, manage, and evaluate digital environments. The elective courses allow students to tailor the concentration to fit individual career goals and areas of interest. Students should take the foundation course Introduction to Digital Environments in the first semester they join DELTA. Similarly, the Capstone Research Project should be taken in the last semester after the majority of DELTA-related course work is complete.

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A minimum of 120 semester hours is necessary for graduation in the Learning and Education Studies program. Students will spend much of the first two years with general education courses, achieving a solid preparation in the humanities, social and natural sciences, technology and mathematics. In the final two years of the major, students will take a set of core courses, as well as coursework in one of the concentrations.

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Orientation Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

The following degree requirements also meet general education course requirements and must be selected from the campus general education (https://courses.illinois.edu) course list. Selections of core requirements courses should be made in consultation with the adviser.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Composition</td>
<td>4-6</td>
</tr>
<tr>
<td></td>
<td>Advanced Composition</td>
<td>3-4</td>
</tr>
<tr>
<td></td>
<td>Quantitative Reasoning</td>
<td>3-4</td>
</tr>
<tr>
<td></td>
<td>An approved basic course in statistical methods such as STAT 100, SOC 280, or PSYC 235</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>From approved campus list</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences and Technology</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>From approved campus list</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Humanities and the Arts</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>From approved campus list</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social and Behavioral Sciences</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>From approved campus list (must include PSYC 100)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Cultural Studies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>From Western Culture(s) approved campus list</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>From U.S. Minority Culture(s) approved campus list</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>From Non-Western Culture(s) approved campus list</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Language other than English</td>
<td>0-12</td>
</tr>
<tr>
<td></td>
<td>Three years of one language other than English in high school or competition of the third semester of college-level language</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Core Requirements</td>
<td>6-7</td>
</tr>
<tr>
<td></td>
<td>Choose 2 from the following Education Foundations:</td>
<td>6-7</td>
</tr>
</tbody>
</table>

Information listed in this catalog is current as of 12/2019
EPS 201, Foundations of Education; EPS 202, Foundations of Education Advanced Composition; or EDUC 201, Identity and Difference in Edu
EPSY 220 Career Theory and Practice
EPSY 236 Child Development in Education
SPED 117 The Culture of Disability
Choose 6 from the following, with at least 2 in each area: 18-20
Learning and Instruction:
CI 210 Introduction to Digital Learning Environments
CI 415 Language Varieties, Cultures and Learning
EPOL 350 Social Learning and Knowledge
EPSY 201 Educational Psychology
EPSY 400 Psychology of Learning in Education
EPSY 401 Child Language and Education
Leadership in a Diverse Global Economy:
EDUC 202 Social Justice, School and Society
EPS 310 Race and Cultural Diversity
EPS 402 Asian American Education
EPS 405 Historical & Social Barriers
HRD 414 Facilitation Skills
HRD 415 Diversity in the Workplace
Concentration 2
Students must complete 24 credit hours within one of the following areas of concentration: 1) Applied Learning Science, 2) Educational Equality and Cultural Understanding, 3) Workplace Training and Development, or 4) Digital Environments for Learning, Teaching and Agency.
Electives
Electives (including minor, if taken) 12-31
Total Hours 120

Total minimum hours include general education, language other than English, concentration and core credits.

1 General Education Requirement. Courses must be selected from the Campus General Education Approved Course List (https://courses.illinois.edu).
2 Concentration and Core Requirement courses found on the General Education Approved Course List (https://courses.illinois.edu) may also be credited toward the General Education requirements.
3 Courses except EDUC 202 and EPS 402 may be counted toward both the Core and Concentration requirements.

Digital Environments for Learning, Teaching and Agency (DELTA) Concentration

The following courses are required for this concentration. Changes/additions to this list can be obtained from the College office. Approvals for substitution must be submitted by petition to the College office for approval by the Assistant Dean for Academic Affairs.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI 210</td>
<td>Introduction to Digital Learning Environments</td>
<td>3</td>
</tr>
<tr>
<td>CI 489</td>
<td>DELTA Capstone Project</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 1 from the Learning and Cognition area: 3
BCOG 458 Advances in Brain and Cognitive Science
EPSY 427 Learning from Text
EPSY 490 Developments in Educational Psychology (Multimedia Comprehension section)
EPSY 491 Educational Psychology Field Instruction

Choose 2 from the Learning in Social and Developmental Contexts area: 6
CI 424 Child Development & Technology
CI 446 Culture in the Classroom
CI 482 Social Learning and Multimedia
EPSY 407 Adult Learning and Development
EPSY 490 Developments in Educational Psychology (Learning in Everyday Contexts section)
SPED 312 Introduction to Educational Technology

Choose 3 from the Learning and Technology Electives area: 9
CI 437 Educational Game Design
CI 438 Computer Programming and the Classroom
CI 482 Social Learning and Multimedia
CI 499 Issues and Development in Education (Attention, Learning and Technology section)
CI 499 Issues and Development in Education (Designing Learning Spaces section)
CI 499 Issues and Development in Education (Critiques of Educational Technology section)

Total Hours 24

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