LEARNING & EDUCATION STUDIES: EDUCATIONAL TECHNOLOGY, BS

for the degree of Bachelor of Science Major in Learning & Education Studies, Educational Technology concentration

The **Learning & Education Studies, BS** with a concentration in Educational Technology 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 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 Educational Technology concentration consists of 24 hours of coursework. 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 the major and concentration. Similarly, the *CI 489 capstone course* should be taken in the last semester after the majority of concentration coursework is complete.

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Graduation Requirements

Minimum hours required for graduation: 120 hours.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300- or 400-level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The University and residency requirements can be found in the Student Code (https://studentcode.illinois.edu/article3/part8/3-801/) (§ 3-801) and in the Academic Catalog (http://catalog.illinois.edu/general-information/degree-general-education-requirements/).

General Education Requirements

Follows the campus General Education (Gen Ed) requirements (https://courses.illinois.edu/gened/DEFAULT/DEFAULT/). Some Gen Ed requirements may be met by courses required and/or electives in the program.

Code	Title	Hours
Composition I		4-6
Advanced Composition		3
Humanities & the Arts (6 hours)		6
Natural Sciences & Technology (6 hours)		6
Social & Behavioral Sciences (6 hours)		6
fulfilled by CI 210 and any other course approved as Social & Behavioral Sciences		
Cultural Studies: Non-Western Cultures (1 course)		3
Cultural Studies: US Minority Cultures (1 course)		3
Cultural Studies: Western/Comparative Cultures (1 course)		3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-10
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15

College of Education Requirements

Code	Title	Hours
EDUC 101	Education Orientation Seminar	1
Learning & Education Studies Core		24-27
Choose two courses from the following Education Foundations:		6-7
EDUC 201	Identity and Difference in Education	
or EPOL 201	Foundations of Education	
or EPOL 202	Foundations of Education-ACP	
EPSY 220	Career Theory and Practice	
SPED 117	The Culture of Disability	
Choose six courses from the following, with at least two courses in each area:		18-20
Learning & Instruction:		
CI 210	Introduction to Digital Learning Environments (May count toward both the Core and Concentration requirements)	
CI 415	Language Varieties, Cultures and Learning	
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 (May count toward the Core or Concentration requirement only)	

EPOL 310	Race and Cultural Diversity
EPOL 402	Asian American Education (May count toward the Core or Concentration requirement only)
EPOL 403	Historical and Social Barriers (May count toward both the Core and Concentration requirements)
EPOL 473	Facilitation Skills (May count toward both the Core and Concentration requirements)
EPOL 474	Diversity in the Workplace (May count toward both the Core and Concentration requirements)

Code	Title	Hours
Educational Technology Concentration		**24**
CI 210	Introduction to Digital Learning Environments	3
CI 489	Educational Technology Capstone Course	3
Choose one course 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	
Choose two courses from the Learning in Social and Developmental Contexts area:		6
CI 424	Child Development & Technology	
CI 446	Culture in the Classroom	
EPSY 407	Adult Learning and Development	
EPSY 490	Developments in Educational Psychology (Learning in Everyday Contexts section)	
Choose three courses 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 (Designing Learning Spaces section)	

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Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. For more information, see the corresponding section on the Degree and General Education Requirements page *(http://catalog.illinois.edu/general-information/degree-general-education-requirements/).*

First Year

First Semester	Hours	Second Semester	Hours
EDUC 101	1	Composition I or General Education course	4
CI 210	3	General Education course	3
Composition I or General Education course	4	General Education course	3
Language Other Than English (3rd level)	4	General Education course	3
General Education course	3	Elective course	2
	15		**15**

Second Year

First Semester	Hours	Second Semester	Hours
Education Foundations course	3	Leadership in a Diverse Global Economy course	3
Education Foundations course	3	Learning & Instruction course	3
General Education course	3	General Education course	3
General Education course	3	General Education course	3
General Education course	3	General Education course	3
	15		**15**

Third Year

First Semester	Hours	Second Semester	Hours
Learning & Instruction course	3	Learning and Technology Electives course	3
Leadership in a Diverse Global Economy course	3	Learning and Cognition course	3
Learning & Instruction or Leadership in a Diverse Global Economy course	3	Learning & Instruction or Leadership in a Diverse Global Economy course	3
Elective course	3	Elective course	3
Elective course	3	Elective course	3
	15		**15**

Fourth Year

First Semester	Hours	Second Semester	Hours
Learning and Technology course	3	CI 489	3
Learning in Social and Developmental Contexts course	3	Learning and Technology Elective course	3

Information listed in this catalog is current as of 11/2024

Elective course	3	Learning in Social and Developmental Contexts course	3
Elective course	3	Elective course	3
Elective course	3	Elective course	3
	15		**15**

Total Hours 120

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1. Students will acquire deep knowledge of content relevant to the workplace.
2. Students will effectively learn the skills and disposition to develop, plan, and implement culturally relevant and responsive outcomes in their respective professions and civic engagements.
3. Students will use data to drive decisions and solve problems in their professional careers.
4. Students will display the expectations of professionalism related to success in the field of education and beyond (fairness, commitment to collaboration, community, reflective practice, and attention to 21st century skills and practices).

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Office of Undergraduate Programs
110 Education Building
Education Academic Affairs email (saao@education.illinois.edu)
(217) 333-2800
Admissions & Academics website (https://education.illinois.edu/programs/undergrad/)
Student Academic Affairs website (https://education.illinois.edu/student-resources/undergraduate/undergraduate-advising-support/)