

# INSTRUCTIONAL TECHNOLOGY

## Program Description

The Bachelor of Arts in Instructional Technology prepares students with regards to developing the knowledge and skills to be able to improve the learning and performance of individuals by using technology across a broad spectrum of employment settings.

This program is also consistent with the mission of the College of Education, Health and Human Services (CEHHS) with its commitment to excellence rooted in strong academics, innovative research and engaged learning. Students will have the opportunity to engage in real-world learning experiences through internships in professional settings.

The curriculum outlined for the undergraduate degree in instructional technology provides students with a choice of a focus in either health informatics or education.

Digital technology is a key factor in almost every industry, business, educational setting and health care environments. Instructional technologists are needed in work places to train employees to use technology efficiently, to learn to use and apply new technologies as they emerge and to create training materials. Therefore, a wide variety of jobs are available for a student with a major in instructional technology including:

- Instructional Designer
- Training Developer
- Computer User Support
- Web-based Training

Instructional Technology is a field concerned with improving the efficiency and effectiveness of learning, performance improvement, and instructional delivery by using appropriate technology. The programs goals include:

- Design instruction using needs assessment
- Apply learning theory to instructional design
- Select a delivery system for the specific learning environment
- Integrate instruction with other factors that influence human performance
- Use technology in support of the development and delivery of instruction

### 4+1 Educational Technology Accelerated Program

The Master of Arts in Educational Technology Accelerated Program, or 4+1 program, is designed for undergraduate students in the Instructional Technology major who have the interest, and demonstrated ability, to pursue the MA in Educational Technology. The program is designed to allow students who complete the BA in Instructional Technology to fulfill the requirements of the MA in Educational Technology with one additional year of graduate study. This will be achieved by combining a portion of undergraduate and graduate coursework as described below.

### Eligibility

To be eligible for the program, a student must:

- Be enrolled in the undergraduate Instructional Technology program at the University of Michigan-Dearborn.
- Have a 3.0 cumulative GPA or better.
- Have earned at least 60 credits at the undergraduate level.

### Double Counting Credits

1. The 4+1 Masters program allows current UM-Dearborn undergraduate Instructional Technology majors to complete both the BA in Instructional Technology and MA in Educational Technology degrees in an accelerated format. 4+1 students can double-count up to 15 credits of 500-level or above courses. Double-counting these 15 credits between the BA in Instructional Technology and MA in Educational Technology saves students a total of 5 classes. The courses eligible to be double-counted include: EDT 501, 502, 510, 514, 520, 522, 562. Students must complete the graduate level coursework with a "B" or better to maintain their eligibility in the 4+1 program.

2. At least one additional year of graduate work (at least 15 credits) would be needed to complete the Master's program.

3. The double-counted classes appear on both the undergraduate and graduate transcripts. Students are graded based on the graduate grading scheme for all graduate courses elected. Only graduate level courses can be double counted towards both the undergraduate and graduate degree.

Students are not allowed to count undergraduate coursework towards a graduate degree.

Please see the College's website (<https://umdearborn.edu/cehhs/graduate-programs/areas-study/ma-educational-technology-online/41-educational-technology-accelerated-program/>) for admission requirements and program details.

### Dearborn Discovery Core

Please see the Dearborn Discovery Core (General Education) (<https://umdearborn.edu/dearborn-discovery-core/>) webpage or additional information.

### Foundational Studies

Writing and Communication (GEWO) – 6 Credits

Upper-Level Writing Intensive (GEWI) – 3 Credits

Quantitative Thinking and Problem Solving (GEQT) – 3 Credits

Critical and Creative Thinking (GECC) – 3 Credits

### Areas of Inquiry

Natural Science (GENS) – 7 Credits

- Lecture/Lab Science Course
- Additional Science Course

Social and Behavioral Analysis (GESB) – 9 Credits

Humanities and the Arts (GEHA) – 6 Credits

Intersections (GEIN) – 6 Credits

### Capstone

Capstone (GECE) – 3 Credits

## Major Requirements (46 Cr. Hrs.)

Code	Title	Credit Hours
EDT 401	Res, Trends,&Issues in Ed Tech	3
EDT 402	Survey of Educ Tech Tools	3
EDT 410	Teaching with Technology	3
EDT 414	Application of Instrl Design	3
EDT 420	Intro Teaching Learning Online	3
EDT 422	Educating the Digital Learner	3
EDT 430	Assistive Technology	3
EDT 462	Instructional Technology Internship	3
EDC 400	Adult Learning:Theory/Practice	3
HHS 470	Information Science and Ethics	3
JASS 403	Making Film History	4
<b>Total Credit Hours</b>		<b>34</b>

Students admitted to the 4+1 Educational Technology Accelerated Program may substitute a maximum of 15 credits of courses from the following: EDT 501 for EDT 401, EDT 502 for EDT 402, EDT 510 for EDT 410, EDT 514, for EDT 414, EDT 520 for EDT 420, EDT 522 for EDT 422, EDT 562 for EDT 462.

Specialization Courses: Choose three-four courses (12-14 Cr. Hrs.)

Code	Title	Credit Hours
ART 210	Beginning Digital Design	3
ISM 301	Bus Application Programming	3
OB 354	Behavior in Organizations	3
COMM 220	Intro to Media & Culture	3
COMM 340	Professional Communication	3
HHS 403	Medical Information Systems	3
HHS 406	Program Evaluation	4
JASS 309	Video for Social Media	4
JASS 315	Media Production for Metropolitan Community	4
JASS 405	Storytelling, Experiments, and Play	4

Total Credit Hours for the Major: 46

## Electives

Additional Electives will be required to meet minimum credit hours for graduation. Please refer to Dearborn Discovery Core requirements to ensure these are met.

Total Hrs. for Degree: 120 total credit hours required for graduation.

*Program Notes:*

1. All College of Education, Health, and Human Services undergraduate students are required to take the Composition Placement Test by the end of the first semester they are enrolled in classes.
2. The minimum grade point average requirement for program completion is 2.0 cumulative and 2.0 in major.
3. Advising Policy: The student is responsible for complying with requirements described in the Undergraduate Catalog and is expected to meet with their College of Education, Health, and Human Services advisor at least once a year and in the term prior to graduation.

4. Courses taken on a PASS/FAIL basis will NOT be accepted toward program completion.

5. Must meet Dearborn Discovery Core Requirements (<https://umdearborn.edu/academic-program-and-course-development/dearborn-discovery-core-general-education/>).

## Learning Goals

1. Design instruction using needs assessment
2. Apply learning theory to instructional design
3. Select a delivery system for the specific learning environment
4. Integrate instruction with other factors that influence human performance
5. Use technology in support of the development and delivery of instruction