

**MS Instructional Design and Technology**

2017-2018

UHCL's MS in Instructional Design and Technology provides professional education in educational technology and instructional design for people in diverse economic sectors including healthcare, higher education, business and industry, and teachers from preschool through high school. Students have the option of completing this degree entirely **ONLINE**.

**MS Instructional Technology (36 hours)***(Must earn a "C" or better in all coursework.)***Professional Education Core (12 hours)**

SILC 6030—Foundations of Multicultural Education or SILC 5035—Interpersonal Interactions

INST 6031—Applications of Technology

EDUC 6032—Applied Statistics

EDUC 6033—Research Design and Analysis

**Instructional Technology Core (15 Hours)**

INST 5130—Learning Theory and Instruction

INST 5333—Systematic Design of Technology-Based Instruction

INST 5131—Trends and Issues in Instructional Design and Technology

INST 5433—Instructional Design, Project Management and Grant Writing

INST 5233—Performance Technology

**Elective (3 hours)***Select 3 hours from the list below in consultation with faculty advisor.*

INST 5035—Creating Digital Resources

INST 6137—Technology and e-Learning

INST 5135—Multimedia Design Applications

INST 6237—Advanced Instructional Design

INST 5535—Internet for Instruction

INST 6337—Motivational Design of Instruction

INST 5635—Instructional Web Design and Development

INST 6437—Interactive Design of Instruction

INST 5735—Advanced Web Development

INST 6537—Management of Computer Resources

INST 5835—Digital Video Production for Educators and Trainers

INST 6737—Training Practicum

INST 6037—Advanced Technology Applications

**Master's Degree Option (6 hours)***Option 1: Master's Thesis*

EDUC 6939—Master's Thesis Research (3 hours)

(2 semester minimum registration)

*Option 2: Master's Project*

EDUC 6839—Master's Project Research (3 hours)

(2 semesters minimum registration)

*Option 3: Master's Internship/Practicum*

INST 6739—Instructional Technology Practicum

Elective course from above approved by faculty advisor

*Option 4: Extended Coursework (Comprehensive Examination)*

2 elective courses from above approved by faculty advisor

## Instructional Design and Technology Concentrations

Students may choose to include a specialization within the MS in Instructional Design and Technology. Specializations include Game Theory and Design, Human Resource Management, Industrial/Organizational Psychology and Information Science. (Human Resource Management and Information Science can be completed entirely **ONLINE**.)

### MS Instructional Technology with a Specialization (36 hours)

(Must earn a "C" or better in all coursework.)

| Professional Education Core (6 hours)  |  |  |  |
|--|--|--|--|
| <i>Select 6 hours in consultation with faculty advisor.</i>                              |  |  |  |
| SILC 6030—Foundations of Multicultural Education or SILC 5035—Interpersonal Interactions |  |  |  |
| INST 6031—Applications of Technology   |  |  |  |
| EDUC 6032—Applied Statistics   |  |  |  |
| EDUC 6033—Research Design and Analysis   |  |  |  |
| Instructional Technology Core (15 Hours)   |  |  |  |
| INST 5130—Learning Theory and Instruction  |  | INST 5333—Systematic Design of Technology-Based Instruction          |  |
| INST 5131—Trends and Issues in Instructional Design and Technology                       |  | INST 5433—Instructional Design, Project Management and Grant Writing |  |
| INST 5233—Performance Technology   |  |  |  |
| Specialization (9 hours)   |  |  |  |
| Game Theory and Design   | Human Resource Management                            | Industrial/Organizational Psychology                                 | Information Science                            |
| DMST 5131- Game Design & Theory  | HMRS 5131-Human Resource Man. Proc.                  | <i>Select 3 courses in consultation with advisor.</i>                | LLLS 6234-Lib. Emp. Learn. Thr. Adv. & Lead.   |
| <i>Select 2 courses in consultation with advisor.</i>                                    | MGMT 5133-Teamwork and Leadership Skills             | PSYC 5332-Organizational Psychology                                  | LLLS 6334-Admin. of School Library Services    |
| DMST 5031-Graphic Design   | <i>Select 1 course in consultation with advisor.</i> | PSYC 5333-Leadership in Organizations                                | LLLS 6336-Media &Tech. Selection & Apps.       |
| DMST 5236-Digital Storytelling   | HRMS 5531-Training and Development                   | PSYC 5334-Change & Organizational Dev.                               |  |
| PSYC 6431-User-Centered Design   | MGMT 5032-Human Behavior in Organizations            | PSYC 5339-Training and Development                                   |  |
|  |  | PSYC 6538-Perform. Appraisal & Feedback                              |  |
| Master's Degree Option (6 hours)   |  |  |  |
| <i>Option 2: Master's Project</i>  | <i>Options 1-4 are available. (See above)</i>        |  | <i>Option 3: Master's Internship/Practicum</i> |
| EDUC 6839—Master's Project Research  |  |  | INST 6739—Instructional Tech. Practicum        |
| (2 semesters minimum registration)   |  |  | LLLS 6338-School Library Systems & Services    |

## Admission Requirements

- Bachelor's Degree (or higher) and a 3.000 GPA in last 60 hours.
  - If GPA in last 60 hours is 3.000 or higher, the Graduate Record Examination (GRE) or Miller Analogies Test (MAT) is **NOT** required.
- If GPA is below 3.000, scores from either the GRE/MAT must be submitted.
  - If GPA is 2.500-3.000, minimum required test scores:
    - GRE - 294 combined on the Quantitative & Verbal, 3.5 Analytical Writing
    - MAT - 390