

# MS in Learning Technologies and Design with Emphasis in Online Education

In the Online Education emphasis area you will develop the knowledge and skills in eLearning offerings. You will prepare for jobs in an expanding field where online education is used in schools, universities, industry, health care, museums, and other learning settings. Your work will culminate in an authentic capstone project that documents your learning and accomplishments.

Working with a faculty advisor, each student develops a customized program of study. You pick the professional goal that makes sense to you, and our faculty will help you transform your goal into reality. Your degree will open an array of career options. Some graduates work in K-12 schools, others work in corporations, and still others apply their skills in government, healthcare, higher education, and other settings. For example, some of our recent graduates are Software Designers and Developers, Learning Strategy Managers, Adaptive Technology Specialists, Training Designers, School Technology Coordinators, and Online Instructors. Whatever the setting, you will graduate with a skill set that will serve you well in the future.

## Degree Requirements

The MS consists of 30 graduate credit hours, with a minimum of 15 at the 9000 level or above. The Online Educator curriculum allows you to customize your course work by focusing on technology design and development or technology implementation.

IS_LT 7361	Introduction to Digital Media	3
IS_LT 9484	Teaching Online Courses	3
IS_LT 9485	Designing Online Learning	3
IS_LT 9471	Instructional Systems Design	3
IS_LT 9450	Research Methods in Information Science and Learning Technologies	3
IS_LT 7374	Exploring Canvas	1
IS_LT 7373	Exploring Moodle	1
IS_LT 9483	Capstone: Online Education Emphasis Area	1
IS_LT 7384	Designing Games for Learning	3
IS_LT 9440		3
IS_LT 9474	Front End Analysis of Systems	3
IS_LT 7383	Rapid Development Tools for Online Learning	3

**Total Credits** **30**

## Capstone

You will meet the LT Goals and Objectives throughout your program; however, the Online Education (OE) emphasis area culminates in a capstone course project showing mastery of the OE competencies. The capstone is used as the comprehensive exam at the end of the program of study. Students should enroll in the capstone course during the last semester of their program.

## Capstone

You must enroll in the one credit hour 9483 Capstone: Online Education. The capstone is designed as the means for you to synthesize your learning and demonstrate mastery of the competencies for this emphasis area.

Although each capstone project will be as unique as the individuals in the Learning Technologies program, all share the following elements:

- Design and development of an online course (or redesign/development of an existing online course)
- Evaluation of the course by two external reviewers
- Report including evaluation results, your reflection and critique

## How Is the Capstone Project Created?

After enrolling in IS\_LT 9483 Capstone: Online Education Emphasis Area, immediately notify your advisor about the online learning environment you will use for your project. Most students will request that a course is set up on a learning management system such as CourseSites, Canvas or Moodle. After creating your online course, you are responsible for finding two reviewers who will provide feedback you should use to improve your course before submitting for faculty review.

## How Is the Capstone Evaluated?

Three SISLT faculty members evaluate a student's capstone project. The review process asks two basic questions:

- Has the student fulfilled the requirements of the capstone course?
- Has the student demonstrated adequate mastery of the competencies?

Faculty reviewers do not consider your evaluators' data, only the online course and your report. Additionally, consideration is given to the entry knowledge and skills of the student and the student's professional goals. If a capstone project is found to be lacking, the student is given the opportunity to make the necessary adjustments (e.g., make improvements to the online course, enhance the instructional products or innovations).

## Admissions

Email: [sislt@missouri.edu](mailto:sislt@missouri.edu)  
 SISLT Student Services Coordinator  
 304 Townsend Hall  
 Columbia, MO 65211  
 Phone: 573-882-4546 or toll free 877-747-5868  
<https://education.missouri.edu/information-science-learning-technologies/degrees-programs/learning-technologies/>

Applicants are required to meet two sets of minimum qualifications for admission: the requirements of the MS in Learning Technologies and Design program (<https://education.missouri.edu/information-science-learning-technologies/degrees-programs/learning-technologies/>) and the minimum requirements of the Graduate School (<https://gradschool.missouri.edu/admissions/eligibility-process/>). Because requirements vary, you *must* refer to a degree program's graduate admission page to learn about specific admission criteria, application deadlines, eligibility and application process. Your application materials will be reviewed by both the Graduate School and the degree program to which you've applied before official admission to the University of Missouri.