

# EDUCATION CONCENTRATION – MASTER OF SCIENCE IN TECHNOLOGY & INNOVATION

*Change the way  
you **think** about  
your thinking.*



The Education concentration is designed to transform the careers of new and experienced classroom teachers, instructional leaders and informal educators seeking to bring cutting-edge pedagogy into their practice. This dynamic program allows educators to chart their own path while developing advanced skills in design thinking, creative problem-solving and leadership while building deep expertise in curriculum development, technological literacy and classroom innovation .

## PROGRAM GOALS

This degree is targeted toward practicing educators across all content areas and grade levels who want to future-proof their teaching methods. You will gain the pedagogical frameworks and hands-on skills to design inspiring learning environments, lead educational initiatives with confidence and foster critical thinking in your students. The Education concentration offers the ultimate flexibility to complete your coursework online, on a schedule built around your busy school year.

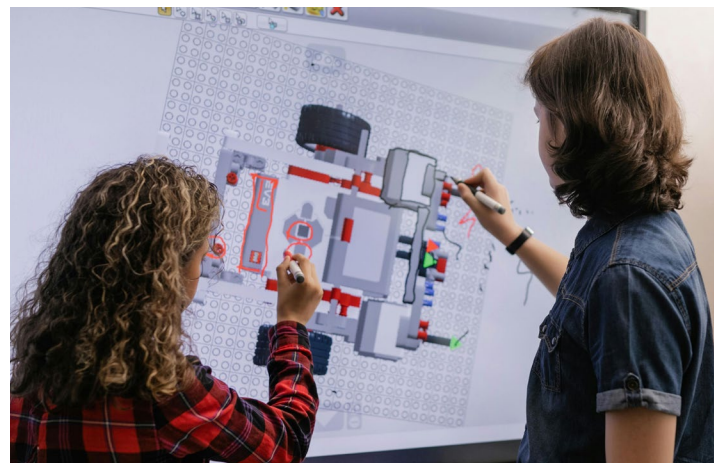
## CAREER PATHWAYS

The online M.S. in Technology & Innovation – Education Concentration equips you to advance your career and step into specialized instructional roles, such as:

- Technology and Engineering Education Teacher
- STEM Specialist
- Curriculum Developer/Instructional Coach
- K-12 Classroom Teacher (all content areas)
- School Library/Media Specialist
- Informal/Out-of-School Educator

## RETURN ON INVESTMENT

- Accelerate your progress across your school district's salary schedule by earning a respected Master of Science degree.
- Seamlessly satisfy your state professional development and continuing education requirements.
- Master in-demand design thinking, creative problem-solving and ethical AI skills that translate directly to the classroom.



## REASONS TO CHOOSE THE MASTER OF SCIENCE – EDUCATION CONCENTRATION

- Elevate your practice and pedagogy by integrating course concepts directly into your real-world classroom.
- Enjoy flexible scheduling with online options designed to fit seamlessly alongside your full-time teaching and life commitments.
- Personalize your graduate experience with meaningful electives and options.



## PROGRAM REQUIREMENTS

The Education concentration within the Technology & Innovation master's program is anchored by four core courses that provide educators with a distinctive integration of leadership, design-based innovation, artificial intelligence applications and ethics, and critical thinking. The curriculum is carefully designed to address the professional development needs of modern teachers who want to shift away from rote learning and toward authentic, evidence-based best practices for student engagement.

### Common Core

TEIN 603 (3)	Fostering Creativity by Design
TEIN 604 (3)	Engineering, Ethics and AI
TEIN 605 (3)	Applying Critical Thinking and Decision-Making
TEIN 606 (3)	Leadership in Practice

### Research Area

OSEH 601 (3)	Research Methods
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### Social Foundations Area

EDFN 511 (3)	Comparative Education
EDFN 590 (3)	Social Foundations of Education
EDFN 603 (3)	Philosophy of Education
EDFN 604 (3)	Education and Public Policy

### Psychology Area

PSYC 540 (3)	Applied Behavioral Analysis
PSYC 526 (3)	Advanced Adolescent Psychology
PSYC 625 (3)	Human Growth and Development
EDFN 545 (3)	Advanced Educational Psychology

### Specialty Area

ACTE 630 (3)	Technology of Online Learning
EDTE 690 (3)	Integrative Learning
EDLD 610 (3)	Leadership Theory
EDUC 563 (3)	Linguistics and Cultural Diversity
PSYC 537 (3)	Ethics and Professional Practice

**Completion Option 1:** TEIN 699 (6) Thesis

**Completion Option 2:** TEIN 698 (3) Capstone; Elective (3)

**Completion Option 3:** Coursework (choose three electives)

## ADVISEMENT

The Education concentration welcomes certified K-12 teachers, instructional coaches and specialists from all subject areas and grade levels. Whether your background is in the humanities, sciences, elementary education or a technical field, our graduate advisor will work with you to customize an elective pathway that aligns with your goals and needs.

## WHAT OUR GRADUATES SAY

*"Learning how to persevere through grit and academic discomfort. In some of my classes, you had to adapt through some of the content in order to grow academically. This made me a stronger learner and person so that when I am presented with challenging problems in the profession, I can fall back on my experience at MU. Being able to apply content basics from projects to making a portfolio helped me design that kind of learning for my students."*



– Zach Love '17, Master of Science in Technology & Innovation Education Concentration

*"My experience to try something out of my comfort zone and with a limited skill set in before coming to college carried me through my studies and helped to mimic the flexibility needed in my day-to-day career. No one gives you a handbook for how to teach each diverse subject in the Tech Ed field. However, having the knowledge of 'a little bit of everything' has allowed me to then take the culmination of my skills and hone into the core subjects I now teach in my career."*



– Jamie Sheehan '25, Master of Science in Technology & Innovation Education Concentration

## FOR INFORMATION, CONTACT:

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