

## MAXIMIZE YOUR ROLE IN CURRICULUM & INSTRUCTION

Create successful learning opportunities for all students as you conduct and communicate research to your colleagues, local policymakers, administrators, and the community.

**Teachers** meet new demands. **Leaders and Curriculum Coordinators** assess student learning with new technological innovations, education theories, and implementation procedures. **Curriculum Administrators** develop and evaluate curriculum using new research and methodologies.

The degree is backed by extensive research, taught by world-renowned faculty, and with its low, in-state tuition, is one you can afford.

### CHOOSE A CAREER-FOCUSED CONCENTRATION

#### English Language Learning

Provide high-quality language and content-area instruction for students learning English as an additional language in the U.S. and around the world. Offers licensure preparation for teachers in Indiana or an optional graduate certificate.

#### Gifted, Creative and Talented Studies

Serve gifted, creative and talented students while learning a strengths-based talent-development model that helps all students realize their full potential. Offers licensure preparation for teachers in Indiana or an optional graduate certificate.

#### Mathematics Education

Broaden your knowledge and practice in teaching and learning mathematics as you develop your expertise in mathematics and in the methods of teaching mathematics to meet the needs of diverse learners. Courses emphasize connections between K-16 mathematics content and effective, research-based instructional strategies.

#### Integrated STEM Education

Develop, deliver, and assess engaging K-12 integrated STEM educational experiences through the integration of engineering and technology design, in problem- and project-based contexts. Offers an optional graduate certificate.

#### Educational Technology

Take on a leadership role in curriculum and training; prepare professionals from K-12 and related environments to improve students' learning experiences. Offers an optional graduate certificate.

#### Special Education

Gain an introductory knowledge of special education and its policies that govern the roles and responsibilities of schools, teachers, and providers. Participants will focus specifically on better understanding the diverse reading needs of exceptional students and how that translates into their practice as teachers, administrators, or service providers.

### BY GRADUATION, YOU CAN:


- Advocate for values of diversity, inclusivity and social justice.
- Deepen your understanding of educational trends, policies, changing demographics and the diversity of students, schools, and communities to understand their impact and better serve educational needs.
- Mentor, coach and collaborate with colleagues to encourage them to enact their roles as leaders.
- Communicate effectively with various stakeholders, including colleagues, parents, administrators, media, and policy-makers.
- Develop strategies for sustained resilience in addressing ongoing opportunities and challenges.

#### Sources

1. College Values Online (2016-17). Master's in Education Online: Top 50 Values. Retrieved on January 29, 2019, from <https://www.collegevaluesonline.com/rankings/graduate/online-masters-education>.



SCAN HERE FOR  
MORE INFORMATION

 (877) 497-5851

# ONLINE MASTER OF SCIENCE IN EDUCATION IN CURRICULUM AND INSTRUCTION

The Online MSED in Curriculum and Instruction can be completed in just 18 months.

## Core Coursework (15 Credit Hours)

COURSE NAME	CREDIT HOURS
Teachers as Leaders	3
C&I Seminar I (Orientation/boot camp)	1
C&I Seminar II	1
Theories and Trends in Curriculum and Instruction	3
Capstone: Inquiry into Practice	3
C&I MS Portfolio	1
Teaching Math to Diverse Learners (for students in the MathEd concentration)	3
Multicultural Education (for students in the GCT, EdTech, STEM and ELL concentrations)	3

## English Language Learning Concentration (15 Credit Hours)

COURSE NAME	CREDIT HOURS
Teaching English Language Learners	3
Language Study for Educators	3
English Language Development	3
Assessment of Culturally and Linguistically Diverse Students	3
Academic Language and Content Area Learning	3

## Mathematics Education Concentration (12 Credit Hours + 1 Elective)

COURSE NAME	CREDIT HOURS
Assessment in STEM Education	3
Teaching and Learning Number and Operations	3
Teaching and Learning Algebra and Functions	3
Select One of the Following:	
Teaching and Learning Geometry and Measurement	3
Teaching and Learning Data Analysis and Probability	3

## Gifted, Creative, and Talented Studies Concentration (12 Credit Hours + 1 Elective)

COURSE NAME	CREDIT HOURS
Gifted, Creative, and Talented Children	3
Curriculum and Program Development in Gifted Education	3
Social and Affective Development of Gifted Children	3
Practicum in Gifted Education	3

## Educational Technology Concentration (12 Credit Hours + 1 Elective)

COURSE NAME	CREDIT HOURS
Foundations of Learning Design and Technology	3
Learning Theories and Instructional Design	3

COURSE NAME	CREDIT HOURS
-------------	--------------

Introduction to Learning Systems Design	3
Select One of the Following:	
Human Performance Technology	3
Integration and Management of Technology for Learning	3

## Integrated Stem Education Concentration (12 Credit Hours + 1 Elective)

COURSE NAME	CREDIT HOURS
Intro to K-12 Integrated STEM Education	3
Methods of Integrated STEM Education – Secondary	3
Introduction to Teaching K-12 Engineering and Technology Design	3
Assessment in STEM Education	3

## Special Education (15 Credit Hours)

COURSE NAME	CREDIT HOURS
Social, Legal, and Ethical Issues Across the Lifespan	3
Applied Behavior Analysis in School Settings	3
Effective Instruction for Students with Significant Reading Difficulties	3
Literacy Curricula for Learners with Exceptionalities	3
Transition Education and Services	3

## Elective Options

Choose one of the following to fulfill the Gifted, Creative and Talented Studies, Educational Technology, Mathematics Education, or Integrated STEM Education concentrations.

COURSE NAME	CREDIT HOURS
Human Performance Technology	3
Assessment of Culturally and Linguistically Diverse Learners	3
Educational Technology for Teaching and Learning	3
Integration and Management of Technology for Learning	3
Educational Applications of Multimedia	3
Foundations of Learning Design and Technology	3
Motivation and Instructional Design	3
Introduction to Educational Research	3
Differentiation in Curriculum & Instruction	3

#6

**Best Online Master's in Curriculum and Instruction Programs in 2024**

— U.S. News & World Report

#15

**Best Online Education Program in the U.S. in 2024**

— U.S. News & World Report

## About Purdue University

At Purdue University, our reputation for innovation and discovery is built on a foundation of tradition and history. Founded as a land-grant school in 1869, today the University is known for scholarly excellence, research, and achievement in the fields of aerospace, engineering, technology, science and math. Our faculty and staff commit themselves every day to preparing students to become dynamic leaders and lifelong learners. Purdue is committed to research that is transferable to real-world applications and benefits the world in positive ways.

