2026-27 Academic Year

BUSINESS AND INFORMATION TECHNOLOGY EDUCATION (MSE)

Curriculum and Instruction - Instructional Leadership

Enhance your teaching, leadership, and classroom instruction skills for the subject area of business and information technology. In the Curriculum and Instruction MSE program, you will explore instructional theory and new approaches to curriculum design that meet the needs of today's elementary and secondary schools. In the Business and Information Technology Education program, you will choose one of two emphases: business or information technology. For the business emphasis, you'll dive deeper into topics such as accounting, marketing, organizational structure, and information systems, while the IT emphasis covers topics such as hardware and operating systems, network management, information systems, and program and web design.

fast facts

Degree offered: Master of Science in Education (MSE) in Curriculum and Instruction – Instructional Leadership / Business and Information Technology Education

Credit hours: 36

Cost per credit hour: $404 total *(includes $261.90 tuition + $142.10 fees)*

Delivery method: Online

Departments: Business and Economics; Educational Foundations and Leadership

Schools: Business and Technology; Education and Behavioral Sciences

focus on results

Skills Learned

- Business and IT curriculum design
- Instructional theory and best practices
- Educational research and data use
- Business and organizational systems
- IT systems and technology management
- Web, multimedia, and digital content instruction
- Networking, hardware, and operating systems
- Programming and systems fundamentals
- Technology-enhanced teaching strategies

Possible Careers

- Business education teacher
- Information technology or computer science teacher
- Career and technical education instructor
- Instructional technology coordinator
- Technology integration specialist
- Postsecondary or workforce training instructor

Types of Employers

- Public and private schools
- Career and technical education (CTE) programs
- Community colleges
- Career academies / programs
- Educational service units (ESUs)
- Workforce development and training organizations
- Educational technology and instructional support departments

recognized for excellence

Our graduate programs are nationally recognized for their excellence, exceptional value, and flexible learning options — consistently earning top distinctions for affordability and quality.

Most Affordable Online Master's Degrees in the U.S.
Wayne State College was ranked among the Top 10 most affordable online master's degree programs in the nation by *Intelligent.com* for 2025.

College of Distinction
Wayne State College has been recognized as a College of Distinction, an honor that highlights institutions for engaged students, great teaching, a vibrant campus community, and successful outcomes.

Program courses

2026-27 Academic Year

The following courses are required for the program of study described on this sheet. Every effort is made to ensure this information is current, but please be aware that some content may have changed. To develop a plan for registering and taking these courses, please consult the current academic catalog and your advisor.

Program requirements: 36 credit hours

Core courses (12 credit hours)

EDU 603 Introduction to Educational Research and Design 3
EDU 621 Education Program Orientation 0
EDU 652 Instructional Theory and Practice 3
EDU 658 Fundamentals of Curriculum Development PK-16 3
Select one of the following 3

- EDU 674 History and Philosophy of Education (3)
- MAT 645 Current Trends in Mathematics Curriculum and Teaching (3)

Business and Information Technology Education focus area (15-18 credit hours)

You will choose either the Business Education emphasis (15 credit hours), or the Information Technology emphasis (18 credit hours):

Business Education emphasis

BUS 652 Enterprise Accounting 3
BUS 656 Marketing Strategy 3
BUS 690 Seminar in Organizational Dynamics 3
CIS 632 Information Systems Technology and Management 3
Select one of the following 3

- CED 650 Curriculum Development in Career/Technical Education (3)
- CIS 575 Topics in Computer Information Systems (3)
- CSC 548 Web and Multimedia Content Design and Administration (3)
- EDU 682 Developing and Integrating Technology in the Classroom (3)

Information Technology emphasis

CIS 554 Technology Platforms: Hardware and Operating Systems 3
CIS 557 Networking and Technology Management 3
CIS 632 Information Systems Technology and Management 3
CSC 541 Cybersecurity, Digital Citizenship, and Emerging Technologies 3
CSC 543 Computational Thinking and Programming Foundations 3
CSC 548 Web and Multimedia Content Design and Administration 3

Additional content requirements (0-12 credit hours)

Take enough electives to have a minimum of 36 hours for this program. Additional courses to fulfill the Curriculum and Instruction MSE (Business and Information Technology emphasis) degree requirements include:

EDU 600 Literacy through Literature for Children (3)
EDU 604 Language Arts in the Elementary and Middle School (3)
EDU 626 Advanced Educational Psychology (3)
EDU 627 Current Issues and Trends in Education (3)
EDU 629 Science of Reading-Early Childhood (2)
EDU 630 Science of Reading I (3)
EDU 631 Science of Reading II (3)
EDU 655 School Law: Constitutional Aspects and Cases (3)
EDU 693 Final Research (2-3)
EDU 699 Thesis (0-6)

questions? contact:

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