

COMPUTER INFORMATION SYSTEMS - MINOR

Ambassador Crawford College of Business and Entrepreneurship
 Department of Information Systems and Business Analytics
www.kent.edu/business

About This Program

The Computer Information Systems minor provides a strong foundation in the latest technologies and practical skills needed for a successful career in the field. With expert faculty and access to cutting-edge resources, you'll be well-prepared to meet the demands of the ever-evolving technology industry. Choose Kent State and take the first step towards an exciting career in computer information systems. Read more...

Contact Information

- Program Coordinator: **Jose Benitez** | jbenitez1@kent.edu | 330-672-1141
- Speak with an Advisor

Program Delivery

- **Delivery:**
 - In person
- **Location:**
 - Kent Campus

Admission Requirements

Admission to a minor is open to students declared in a bachelor's degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

To declare the Computer Information Systems minor, students must have a minimum 2.250 overall Kent State University GPA. No Kent State University GPA is required if the student is a first-semester freshman or transfer student admitted in good standing.

Program Requirements

Minor Requirements

Code	Title	Credit Hours
Minor Requirements		
CIS 24053	INTRODUCTION TO COMPUTER APPLICATIONS (min C+ grade) ¹	3
CIS 24165	CLOUD SYSTEMS COMPUTING	3
CIS 24167	CLOUD INFRASTRUCTURE AND APPLICATIONS	3
CIS 34034	BUSINESS MODELING AND AGILE DESIGN	3
CIS 44040	PROGRAMMING FOR THE CLOUD	3
Minor Elective, choose from the following: ²		3
CIS 34036	ENTERPRISE SYSTEMS AND BUSINESS PROCESSES	
CIS 34191	TECHNOLOGY BOOTCAMP	
CIS 44140	APPLICATION DESIGN AND DEVELOPMENT	

CIS 44243	DATA MANAGEMENT AND BUSINESS INTELLIGENCE II	
CIS 44293	WORKSHOP IN PROFESSIONAL INFORMATION SYSTEMS CERTIFICATION	
CIS 44295	SPECIAL TOPICS IN INFORMATION SYSTEMS	
Minimum Total Credit Hours:		18

- ¹ Students declared in the Aeronautics major, Aviation Management concentration, may substitute ENGR 11000 in place of CIS 24053.
² Students may use another course as a minor elective with permission of a faculty advisor.

Progression Requirements

- Minimum C+ grade in CIS 24053

Graduation Requirements

Minimum Minor GPA	Minimum Overall GPA
2.250	2.000

- Students are expected to satisfy course prerequisites for each course required in the minor. Prerequisites are not tied to a particular catalog; therefore it is important to look at the most current information about a course.
- Students may not pursue a minor and major in the same discipline.
- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).

Program Learning Outcomes

Graduates of this program will be able to:

1. Be an effective IT project team member and contributor.
2. Understand what the "cloud" is, and how it is changing computing in both positive and negative ways today.
3. Understand key benefits and limitations of various technologies in the cloud computing.
4. Create database driven interactive websites in the cloud platform.
5. Understand basic concepts of the systems development life cycle (SDLC).

Full Description

The Computer Information Systems minor is self-contained and assumes essentially no prior experience with computers or information systems. It complements students' primary career field by providing knowledge and hands-on experience in cloud computing systems and infrastructure, business modeling and agile design, data management and business intelligence and other computer technologies. Students are able to design and build computer information systems of modest size and to participate with professional analysts, on an effective partnership basis, in the construction of large cloud systems. Students also have the ability to aid their co-workers by performing computer system support in consultative and advisory roles.