B.S. IN COMPUTER INFORMATION SYSTEMS/ FINE ARTS (GRAPHIC DESIGN)

The Bachelor of Science in Computer Information Systems (CIS) degree program gives students a foundation of applied computer skills and a strong theoretical base. CIS graduates typically find employment either as systems analysts or computer programmers. Recent advances in computer technology, including the growth of Internet services, networks, security, and data mining and analytical tools, provide new employment opportunities in the 21st century.

DEGREE REQUIREMENTS

A Bachelor of Science degree in CIS requires a total of 120 credit hours with an overall grade point average of 2.0 both overall and in CIS-related courses. The degree requires a total of 45 credit hours in CIS courses. All CIS students must include a minor in their studies.

COURSEWORK

Required courses:

• Introduction to Computing
• Computers and Their Uses
• Network Technologies and Administration
• Introduction to Programming Logic
• Two semesters of a programming language
• Systems Analysis (two semesters)
• Project Management
• Database Management Systems
• Data Mining

Electives:

• Web Development
• Networking Technologies and Security
• Independent Programming Lab
• Internship (availability of internships depends on the current needs of the job market.)

WHAT CAN I DO WITH A B.S. IN COMPUTER INFORMATION SYSTEMS?

CIS graduates typically find employment as systems and database analysts, network administrators, and Web developers. Systems and database analysts plan and develop methods for computerizing business systems. Knowledge of Web development helps businesses meet the challenges of e-commerce in a global market.

HANDS-ON LEARNING

CIS students work with state-of-the-art software packages and all students have access to IU Northwest’s network of personal computer workstations and online resources.

CLUBS AND ACTIVITIES

The Information Technology Club is open to all interested parties. Students meet about once per month and enjoy group outings once per semester.

RELATED DEGREE OPTION

• Minor in Computer Information Systems
• Post-baccalaureate Certificate in Computer Information Systems

FOR MORE INFORMATION

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