

COMPUTER INFORMATION SYSTEMS – 1825

Computer systems are utilized today in virtually every segment of business, industry, and government. These systems support the routine activities, as well as the sophisticated and complex needs of a multitude of users. While computer “literacy” may have many different meanings, it is clear that an increasing level of understanding, orientation, and experience with computerized applications will benefit students in a wide spectrum of departments.

The CIS minor is designed to offer a flexible set of study tracks. It may be used to enhance many major programs of study and provides an opportunity for some specialization. The skills which will be gained through this minor will broaden career opportunities and may expand on the personal interest of many students.

REQUIRED COURSES:

- CIS 101 Computer Fundamentals (this requirement may be waived for students with equivalent experience)
- CIS 151 Introduction to Information Systems I
- CIS 251 Introduction to Information Systems II

ELECTIVE COURSES:

Any four of the following:

Business Emphasis:

- CIS 370 Systems Analysis and Design
- CIS 380 Microcomputer Applications
- Or**
- BUS 350 Current Practices in Business Technology
- CIS 411 Database Systems
- CIS 442 Advanced Systems Applications

Technology Emphasis:

- CIS 315 Computer Organization
- CIS 410 Computer Operating Systems
- CIS 470 Data Communications
- CIS 480

Programming Emphasis:

- CIS 375 Programming for the Internet Environment
- CIS 400 Visual Basic Programming for the Windows Environment
- CIS 405 Comprehensive COBOL Programming
- CIS 425 Object-Oriented Development

ENTRY TO MINOR: Requires a “C” or better in CIS 151

TRANSFER CREDIT: A maximum of nine hours are accepted toward fulfillment of the CIS minor.