COMPUTER INFORMATION SYSTEMS MINOR 2018 - 2019 Catalog

Name:	
Bear Number: _	
Date:	
Advisor:	

The Computer Information Systems (CIS) Minor is designed for students who wish to pursue collateral work in the computing, technology and communications/networking areas. Completion of the minor prepares a student to successfully employ technology and integrate information systems into his or her career activities. The CIS Minor is attractive to students majoring in other areas of Business Administration as well as to majors from other schools and colleges. It complements their work in these other areas. The program is not designed to prepare individuals to become programmers or systems personnel, but does provide a broad exposure to the area of corporate information systems.

Admission to the minor requires that a Business major be in academic good standing in both the Monfort College of Business and the University of Northern Colorado. A non-Business major who wishes to add or change to a Computer Information Systems Minor must have a cumulative GPA of 2.5 on at least 15 credit hours and obtain written approval from the Department of Accounting and Computer Information Systems, Monfort College of Business, Kepner 2090. Non-Business majors who have a GPA between 2.25 and 2.49 may apply for admission from the Department of Accounting and Computer Information Systems, Monfort College of Business, Kepner 2090.

Computer Information Systems Minor Course Requirements 18 Semester Credit Hours To graduate with a CIS Minor, a student must attain at least a 2.0 or greater cumulative Business GPA and at least a "C-"grade in each individual course required for the CIS Minor. Required Courses: 9 semester credit hours Take all courses in the following list. A grade of "C Sem. Hrs. **Pref/Num Course Title** 3 Business majors/minors & SE majors only **BACS 287 Graphical Interface Programming** Business majors/minors & SE majors only Juniors **BACS 380** Networking & Data Communications Systems 3 or above **BACS 287 BACS 300** 3 **BACS 485 Database Management Systems** Business majors & minors & SE majors only Seniors or consent of instructor **Elective Courses: 9 semester credit hours** Take three courses from the following list. A grade of "C-" or better is required in each course **BACS 350** Intermediate Web Development 3 BACS 200 or consent of instructor **BACS 371** Introduction to Computer Forensics 3 BACS 300 or consent of instructor **BACS 382** TCP/IP Network Security 3 BACS 380 or consent of instructor **BACS 287 BACS 387** Object Oriented System Development 3 Business majors & minors & SE majors only Juniors or above BACS 380 with at least C- or consent of instructor **BACS 392** 3 Systems Platforms & Network Development Business majors & minors & SE majors only Juniors or above **BACS 485 BACS 486** 3 Advanced Database Management Business majors only Seniors or above **BACS 287 BACS 300 BACS 487** Systems Analysis and Design 3 CIS emphasis students, CIS minors, & SE majors Seniors or consent of instructor Consent of instructor *BACS 495 Special Topics in CIS 1-3 Business majors and minors only Juniors or above

NOTES: Students may transfer a maximum of 6 semester credits (courses with a "BA" prefix) toward the minor from other institutions.

A maximum of 12 credit hours of coursework can be shared between a major and a minor.

The Monfort College of Business monitors course prerequisites. Course prerequisites may be adjusted each new catalog year.

^{*}BACS 495, Special Topics in CIS, may be used to fulfill minor requirements. It may not exceed 3 semester hours.