

**NETWORK & INFORMATION SYSTEMS SECURITY MINOR  
2014 - 2015 Catalog**

Name: \_\_\_\_\_  
 Bear Number: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Advisor: \_\_\_\_\_

The Network and Information Systems Security Minor is designed for students who are interested in developing a skill set and knowledge base of security issues for computer networks and accounting information systems. The minor provides a background of network infrastructure, protocols, and software. Minors will gain knowledge about industry operating systems, security strategies and relevant products and equipment. Students with this minor will be introduced to accounting concepts and accounting fraud detection.

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 Network and Information Systems Security 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 Systems, Monfort College of Business. 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.

**Because of specific degree requirements, Business majors need to take the following courses in addition to their required emphasis and emphasis elective courses:**

- Accounting emphasis must take BAAC 322, BACS 371, BACS 380 and BACS 382 to complete the NISS minor.
- Computer Information Systems emphasis must take BAAC 322, BAAC 328, BACS 371, BACS 382, and one additional CIS elective to complete the NISS minor.
- Finance, General Business, Management, and Marketing emphases will need to take BAAC 322, BACS 371, BACS 380, AND BACS 382 to complete the NISS minor.

BACS 101 may be taken concurrently with BAAC 220 and is a prerequisite for BACS 300.

Further information on admission to the Computer Information Systems minor may be obtained from the Monfort College of Business Accounting and CIS Office (Kepner 2090, Phone 970-351-2089).

<b>Network and Information Systems Security Minor Course Requirements</b> <b>18 Semester Credit Hours</b>				
To graduate with an NISS Minor, a student must attain a 2.0 or greater cumulative Business GPA and attain at least a "C-" grade in each individual course required for the NISS Minor.				
<b>Required Courses: 15 Semester Credit Hours</b> Take all courses in the following list.				
Pref/Num	Course Title	Sem. Hrs.	Prerequisite(s) <sup>1</sup>	
BAAC 220	Principles of Accounting I	3	BACS 101 (may be taken concurrently) 24 semester credit hours	
BAAC 322	Fraud Examination	3	BAAC 220 Business majors & minors only Consent of instructor	
BACS 371	Introduction to Computer Forensics	3	BACS 300 or consent of instructor	
BACS 380	Networking & Data Communications Systems	3	Business majors & minors & SE only Juniors or above	
BACS 382	TCP/IP Network Security	3	BACS 380 or consent of instructor	
<b>Elective Courses: 3 semester credit hours</b> Take one course from the following list.				
Pref/Num	Course Title	Sem. Hrs.	Prerequisite(s) <sup>1</sup>	
BAAC 328	Accounting Systems	3	BACS 300 BAAC 221 with a minimum of "C-" Business majors & NISS minors only Juniors or above	
BACS 300	Information Systems	3	BACS 101 or CS 101 Business majors & minors only Juniors or above	

<sup>1</sup>The Monfort College of Business monitors course prerequisites. Course prerequisites may be adjusted each new bulletin year.

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