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# Management Information Systems, Minor



The Minor in Management Information Systems is designed to provide students who have an interest in business information systems with a broad foundation for integrating information technology techniques and concepts into their major field of study in business. The demand for business graduates who are knowledgeable about designing, planning, developing, managing, and evaluating of information systems continues to increase as the economy moves from a manufacturing to an information base. The demand for MGIS professionals has increased dramatically during the past ten years and the trend is expected to continue. However, there is also an increase in the demand for management information systems professionals who have an in-depth

understanding of the application domain and who can apply MGIS concepts in contexts which are more specific to their major. Thus, professionals with a primary interest and expertise in marketing, health care, banking, finance, accounting, and management are being sought by business application-area specialists.

The focus of the Minor in MGIS is to impart a framework for understanding MGIS and for utilizing its tools to the student's major. The minor will offer graduates a competitive advantage in terms of the types of positions for which they qualify. Graduates of the program will be able to act as technical liaisons between MGIS professionals and their "home" departments, as sales specialists for specialized software/applications systems, and as technical representatives.

The Minor in MGIS is directed not only at UNC Charlotte students majoring in business but also those majoring in other Colleges. The benefits of a Minor in MGIS include increased marketability in information dependent firms in the public and private sector and the ability to leverage one's major discipline with state of the art computing knowledge. A key benefit of taking MGIS courses is that students learn to effectively use technology in business settings.

All program-level Admissions and Progression Requirements are in addition to the <u>University of North Carolina at Charlotte Admission Requirements</u>.

## Admission Requirements

### **Current UNC Charlotte Undergraduate Students**

To be accepted into the Minor in MGIS and to progress into the upper-division of the College, a student must present a minimum 2.7 GPA overall and Junior standing.

See <u>University Admission Requirements</u>

## Minor Requirements

A Minor in Management Information Systems requires a minimum 15 credit hours (five courses) for students who have taken the business prerequisites listed below. **Students may attempt each of these courses two times.** 

### Prerequisite Courses (18 credit hours)

- ACCT 2121 Principles of Accounting I (3)
- ACCT 2122 Principles of Accounting II (3)
- ECON 2101 Principles of Economics Macro (3)
- ECON 2102 Principles of Economics Micro (3)
- MATH 1120 Calculus (3)
- STAT 1220 Elements of Statistics I (BUSN) (3)

### Required Minor Courses (12 credit hours)

- INFO 2130 Introduction to Business Computing (3) \*
- INFO 3130 Management Information Systems (3)
- INFO 3233 Data and Information Management (3)
- INFO 3234 Business Information Systems Analysis and Design (3)

### Note:

\*All Computer Science majors will be exempted from <u>INFO 2130</u>. Other students with sufficient background can apply for Credit by Exam for <u>INFO 2130</u>.

### Elective Minor Course (3 credit hours)

Select one of the following courses:

ACCT 3340 - Accounting Information Systems (3)

- INFO 3000 Topics in Management Information Systems (3)
- INFO 3221 Programming for Business Analytics (3)
- INFO 3231 Business Applications Development (3)
- INFO 3236 Business Analytics (3)
- OPER 3203 Decision Modeling and Analysis (3)
- INFO 3229 Business Data Communications and Information Security
  (3)
- INFO 3230 Enterprise Systems (3)
- INFO 3240 eBusiness Systems (3)

### Total = 15 Credit Hours

## Progression Requirements

To obtain this minor, students must meet the University requirements of a GPA of at least 2.0 overall and in the courses for the minor. Students must earn a minimum grade of C in all required and elective minor courses and their prerequisite courses. When students repeat a course, both the old and new grades are included in the overall GPA. Courses repeated under the Grade Replacement Policy are excluded from the overall GPA computation. However, this repeated course does count as an attempt. Students must also meet the Belk College of Business residency requirements listed under the "Degree Requirements" heading on the main College of Business page.



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