# School of Business

Computer Information Systems B.S.

Learning Goals (p. 361)  
Writing in the Discipline (p. 390)  
**Department of Accounting and Computer Information Systems**  
**Department Chair:** Lisa Bain  
**Computer Information Systems Program Faculty: Professor** Bain; **Assistant Professor** Guo; **Associate Professors** Choi, Hayden  
  
Students must consult with their assigned advisor before they will be able to register for courses. A graded writing assignment is required in **every** course.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| ACCT 201 | Principles of Accounting I: Financial | 3 | F, Sp, Su |
| ACCT 202 | Principles of Accounting II: Managerial | 3 | F, Sp, Su |
| CIS 252 | Introduction to Information Systems | 4 | F, Sp, Su |
| CIS 301 | Introduction to Computer Programming in Business | 4 | F, Sp |
| CIS 421 | Networks and Infrastructure | 4 | F, Sp |
| CIS 440 | Issues in Computer Security | 4 | F, Sp |
| CIS 455 | Database Programming | 4 | F, Sp |
| CIS 462 | Applied Software Development Project | 4 | F, Sp |
| ECON 214 | Principles of Microeconomics | 3 | F, Sp, Su |
| ECON 215 | Principles of Macroeconomics | 3 | F, Sp, Su |
| FIN 301 | Financial Management | 4 | F, Sp, Su |
| MGT 201 | Foundations of Management | 4 | F, Sp, Su |
| MKT 201 | Introduction to Marketing | 4 | F, Sp, Su |

TWO ADDITIONAL COURSES in computer information systems or computer science at the 300-level or above or COMM 330 (for a total of 8 credits):

|  |  |  |  |
| --- | --- | --- | --- |
| COMM 330 | Interpersonal Communication | 4 | F |

COGNATES

|  |  |  |  |
| --- | --- | --- | --- |
| ENGL 230 | Writing for Professional Settings | 4 | F, Sp, Su |
| MATH 177 | Quantitative Business Analysis I | 4 | F, Sp, Su |
| MATH 248 | Business Statistics I | 4 | F, Sp, Su |

Note: MATH 177: Fulfills the Mathematics category of General Education.

Note: MATH 248: Fulfills the Advanced Quantitative Scientific Reasoning category of General Education.

Total Credit Hours: 68

Computer Information Systems Minor

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Students must consult with their assigned advisor before they will be able to register for courses. A graded writing assignment is required in **every** course.

Course Requirements

A minor in computer information systems consists of a minimum of 20 credit hours (five courses), as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| CIS 252 | Introduction to Information Systems | 4 | F, Sp, Su |
| CIS 440 | Issues in Computer Security | 4 | F, Sp |
| CIS 455 | Database Programming | 4 | F, Sp |

AND TWO ADDITIONAL courses from Computer Information Systems at the 300-level or above.

Total Credit Hours: 20

Data Science Minor

Learning Goals (p. 361)  
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**Computer Information Systems Program Faculty:** **Professor** Bain; **Assistant Professor** Guo; **Associate Professors** Choi, Hayden  
  
Students must consult with their assigned advisor before they will be able to register for courses. A graded writing assignment is required in **every** course.

Course Requirements

A minor in data science consists of a minimum of 20 credit hours (five courses), as follows:

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 177 | Quantitative Business Analysis I | 4 | F, Sp, Su |
| MATH 248 | Business Statistics I | 4 | F, Sp, Su |
| CIS 252 | Introduction to Information Systems | 4 | F, Sp, Su |
| CIS 470 | Introduction to Data Science | 4 | F |
| CIS 472 | Data Visualization | 4 | As needed |