Management Information Systems

Department Information

- **Department Web Site:**
  www.ndsu.edu/business/ (http://www.ndsu.edu/business/)
- **Credential Offered:**
  B.S.; Minor
- **Sample Program Guide:**
  catalog.ndsu.edu/programs-study/undergraduate/management-information-systems/#planofstudytext (http://catalog.ndsu.edu/programs-study/undergraduate/management-information-systems/#planofstudytext)

Minor Requirements

Minor: Management Information Systems

Required Credits: 21

Students should refer to www.ndsu.edu/business (https://www.ndsu.edu/business/) for information on declaring the minor with the CoB.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 320</td>
<td>Foundations of Management</td>
<td>3</td>
</tr>
<tr>
<td>MIS 315</td>
<td>System Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>MIS 375</td>
<td>Database Design for Business Application*</td>
<td>3</td>
</tr>
<tr>
<td>or CSCI 366</td>
<td>Database Systems</td>
<td></td>
</tr>
<tr>
<td>MIS 376</td>
<td>Data and Telecommunications Administration*</td>
<td>3</td>
</tr>
<tr>
<td>or CSCI 459</td>
<td>Foundations of Computer Networks</td>
<td></td>
</tr>
<tr>
<td>CSCI 227</td>
<td>Computing Fundamentals in Python I**</td>
<td>3-4</td>
</tr>
<tr>
<td>or CSCI 160</td>
<td>Computer Science I</td>
<td></td>
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Select one of the following:

- ACCT 420 | Accounting Information Systems                      | 3       |
- MIS 470  | Information Systems                                  |         |
- Or an MIS advisor-approved CoB course that is MIS related | |

Select one of the following:

- An MIS adviser approved 300-400 level CSCI course | |
- Or one of the following:
  - CSCI 122 | Visual BASIC                                       |         |
  - CSCI 161 | Computer Science II                                |         |
  - CSCI 172 | Intermediate Visual BASIC                          |         |
  - CSCI 228 | Computing Fundamentals in Python II**              |         |

**Total Credits** 21-22

* Students who take CSCI 366 Database Systems & CSCI 459 Foundations of Computer Networks, must select an additional MIS advisor-approved CoB course.

** It is strongly recommended that students who take CSCI 227 select CSCI 228 as their elective in preparation for MIS 315.

Minor Requirements and Notes

- A minimum of 9 credits must be completed in the CoB.
- Approval forms must be submitted after completed CSCI 227 Computing Fundamentals in Python I or CSCI 160 Computer Science I.
- To be accepted into the minor program, students must have a 2.50 institutional cumulative GPA. To complete a minor, students must earn at least a 2.50 GPA that is based on the courses used to satisfy the minor requirements. Courses may not be taken pass/fail.
- If the cumulative GPA falls below the 2.50 after acceptance into the program, the student will not be allowed to register for the CoB courses until the cumulative GPA returns to 2.50 or above.
• Students are subject to the minor requirements in effect during the year in which the minor was approved.
• Minors must satisfy all course prerequisites.
• Approval for a minor does not guarantee enrollment in specific courses.
• Graduation with a minor in Management Information Systems requires a grade of 'C' or better in all courses required for the minor.