BS in Information and Decision Sciences

Program Codes:
20FL1347BS

Degree Requirements
To earn a Bachelor of Science in Information and Decision Sciences degree from UIC, students need to complete University, college, and department degree requirements. The Department of Information and Decision Sciences degree requirements are outlined below. Students should consult the College of Business Administration section for additional degree requirements and college academic policies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Summary of Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>General and Basic Course Requirements</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>Business Core</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>Major Requirements</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Business Electives</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Total Hours</td>
<td>120</td>
</tr>
</tbody>
</table>

General and Basic Course Requirements
See General and Basic Course Requirements (http://catalog.uic.edu/ucat/colleges-depts/business-administration/#c2) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core
See Business Course Requirements (http://catalog.uic.edu/ucat/colleges-depts/business-administration/#c3) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td></td>
</tr>
<tr>
<td>IDS 201</td>
<td>Introduction to Business Programming</td>
<td>3</td>
</tr>
<tr>
<td>or IDS 331</td>
<td>Business Analysis Using Spreadsheets</td>
<td></td>
</tr>
<tr>
<td>IDS 406</td>
<td>Business Systems Project</td>
<td>3</td>
</tr>
<tr>
<td>IDS 410</td>
<td>Business Database Technology</td>
<td>3</td>
</tr>
<tr>
<td>Nine additional hours of 300- or 400-level courses from the IDS department.</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

Students may choose to focus their IDS and CBA elective courses within one or more of the following concentrations. The same course cannot be counted towards more than one concentration. Students may also choose to complete the major in IDS without any concentration. For this, students may choose any combination of IDS electives to fulfill the requirements for the major.

Concentration in Business Analytics

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td></td>
</tr>
<tr>
<td>IDS 472</td>
<td>Business Data Mining</td>
<td>3</td>
</tr>
<tr>
<td>Select two of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IDS 400</td>
<td>Programming for Data Science in Business</td>
<td></td>
</tr>
<tr>
<td>IDS 420</td>
<td>Business Model Simulation</td>
<td></td>
</tr>
<tr>
<td>IDS 462</td>
<td>Statistical Software for Business Applications</td>
<td></td>
</tr>
<tr>
<td>IDS 470</td>
<td>Multivariate Analysis</td>
<td></td>
</tr>
<tr>
<td>IDS 473</td>
<td>Introduction to Risk Management</td>
<td></td>
</tr>
<tr>
<td>IDS 476</td>
<td>Business Forecasting Using Time Series Methods</td>
<td></td>
</tr>
<tr>
<td>IDS 478</td>
<td>Regression Analysis</td>
<td></td>
</tr>
</tbody>
</table>

Concentration in Management Information Systems

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: IDS 201, as part of the IDS major requirement.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select three of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IDS 313</td>
<td>Internet Applications in Business</td>
<td>9</td>
</tr>
<tr>
<td>IDS 400</td>
<td>Programming for Data Science in Business</td>
<td></td>
</tr>
<tr>
<td>IDS 401</td>
<td>Business Object Programming using Java</td>
<td></td>
</tr>
<tr>
<td>IDS 403</td>
<td>Information Security</td>
<td></td>
</tr>
<tr>
<td>IDS 405</td>
<td>Business Systems Analysis and Design</td>
<td></td>
</tr>
<tr>
<td>IDS 413</td>
<td>Internet Technology and Management</td>
<td></td>
</tr>
<tr>
<td>IDS 451</td>
<td>Enterprise Operations and Supply Chain Systems</td>
<td></td>
</tr>
<tr>
<td>IDS 472</td>
<td>Business Data Mining</td>
<td></td>
</tr>
</tbody>
</table>

Concentration in Supply Chain and Operations Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: IDS 331, as part of the IDS major requirement.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select two of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IDS 454</td>
<td>Introduction to Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>IDS 312</td>
<td>Business Project Management</td>
<td>6</td>
</tr>
<tr>
<td>IDS 313</td>
<td>Internet Applications in Business</td>
<td></td>
</tr>
<tr>
<td>IDS 420</td>
<td>Business Model Simulation</td>
<td></td>
</tr>
<tr>
<td>IDS 450</td>
<td>Supply Chain Planning and Logistics</td>
<td></td>
</tr>
<tr>
<td>IDS 451</td>
<td>Enterprise Operations and Supply Chain Systems</td>
<td></td>
</tr>
<tr>
<td>IDS 453</td>
<td>Supply Chain Sourcing and Procurement</td>
<td></td>
</tr>
<tr>
<td>IDS 479</td>
<td>Enterprise Risk Management</td>
<td></td>
</tr>
</tbody>
</table>

Business Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Courses</td>
<td></td>
</tr>
<tr>
<td>Any three 300- or 400-level CBA courses.</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>
A course can be used to satisfy only one area of required or elective courses.

**Sample Business Major Curriculum**

See *Sample Business Major Curriculum* (http://catalog.uic.edu/ucat/colleges-depts/business-administration/#I) in the *College of Business Administration* section. See your academic advisor for an individualized major map in your field of study.