Business Analytics

The Bachelor of Science (B.S.) in Business Analytics prepares students for applying data analytics skills, artificial intelligence and machine learning knowledge to strengthen business strategies. Students will understand business and its environment, goals and strategies, recognize and understand business problems, develop questions and models for analysis, use of structured and unstructured data, business analytical techniques, artificial intelligence and machine learning skills to analyze and solve business problems, improving goals and making better decisions for the future.

A major in Business Analytics requires students to earn a minimum grade of C (a grade of C- is not sufficient) in each of the courses taken to satisfy the requirements for the Business Analytics major, and students must earn a minimum 2.0 grade point average for those major courses. For Business Analytics majors, Business Analytics courses completed more than seven calendar years prior to the current term must be repeated.

Bachelor of Science (B.S.) in Business Analytics Degree Requirements

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<th>Degree Requirements</th>
<th>Credit Hours</th>
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<td>University Core Curriculum Requirements</td>
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<td>Professional Business Core</td>
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<td>Requirements for Major in Business Analytics (Minimum grade of C required for all classes in major area) BSAN 401, BSAN 402, BSAN 403, BSAN 404, BSAN 405, BSAN 406, BSAN 407, MGMT 360, MGMT 420, and MGMT 421</td>
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<td>Electives (Any additional hours of college-level credit can be used) ¹</td>
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Total 120

¹ 120 semester hours are required for graduation. Any additional hours of college level credit can be used to equal minimum 120 semester hours required for degree.

Business Analytics Minor

A minor in Business Analytics will prove useful for students in any discipline working with big data or new technologies such as artificial intelligence, especially in applying those technologies in business settings.

Required courses (15 credit hours)
BSAN 401
BSAN 402
BSAN 404
BSAN 406 -AND-
Choose one course from the following four:
BSAN 403
BSAN 405
BSAN 407
MGMT 421 (MGMT 360 is a prerequisite)
A minor from the College of Business and Analytics requires students to earn a minimum grade of C (a grade of C- is not sufficient) in each of the courses taken to satisfy the requirements for their minor. At least nine of the 15 credit hours must be taken at Southern Illinois University Carbondale. An advisor within the College of Business and Analytics must be consulted before selecting this field as a minor.

**Capstone Option for Transfer Students**

The Capstone Option is available to students who have earned an Associate in Applied Science (A.A.S.) degree or have the equivalent certification and who have a cumulative 2.0/4.0 GPA on all accredited coursework prior to the completion of the A.A.S. or certification, as calculated by the transfer institution's grading policies. The Capstone Option reduces the University Core Curriculum requirements from 39 to 30 hours, therefore reducing the time to degree completion. Students who apply for the Capstone Option will work with the College of Business Advisement Office for approval of the Capstone Option and will complete a personal contract for a degree completion plan.

**Differential Tuition**

The College of Business and Analytics assesses differential tuition for College of Business and Analytics majors. The College of Business and Analytics has a “minor program fee” for majors outside of the College of Business and Analytics that want to declare a minor through the College of Business and Analytics. The minor program fee is equal to 15% of 15 credit hours of applicable tuition for declared College of Business and Analytics minors.

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**Catalog Year Statement:**

Students starting their collegiate training during the period of time covered by this catalog (see bottom of this page) are subject to the curricular requirements as specified herein. The requirements herein will extend for a seven calendar-year period from the date of entry for baccalaureate programs and three years for associate programs. Should the University change the course requirements contained herein subsequently, students are assured that necessary adjustments will be made so that no additional time is required of them.