## Program Requirements

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### Prerequisites

Associate degree in business, accounting, or information technology, or 90 equivalent credits that satisfy all course pre-requisites including the following general education requirements:

- **ENGL 101** English Composition
- **MATH 138**/MATH 141 College Algebra for Business & Social Science/Precalculus I, or equivalent
- Humanities course from the AAS-DTA list
- Social Science course from the AAS-DTA list
- Natural Science (physical) course from the AAS-DTA list*
- Natural Science (life) course from the AAS-DTA list*

*Note: 5 credits of Natural Science must include a lab

### General Education Requirements

- Met in Baccalaureate: 35-45
- CMST 340 Applied Organizational Communication: 5
- ECON 4XX Econometrics: 5
- ENGL 235 Technical Writing: 5
- INTST 150 International Business: 5
- BUS 101/103** Introduction to Business | OR | SQL Fundamentals: 5
- MATH 341 Applied Statistical Methods I: 5
- MATH 342 Applied Statistical Methods II: 5
- PHIL 375 Ethics in Information Technology: 5
- Humanities or Social Science if needed: 5-10

### Core Program Requirements

- **BA 240** Statistical Analysis: 5
- **DA 310** Introduction to Analytics: 5
- **DA 320** Data Acquisition and Management: 5
- **DA 410** Multivariate Analytics: 5
- **DA 420** Predictive Analytics: 5
- **DA 430** Marketing Analytics: 5
- **DA 4XX** Elective: 5
- **DA 485** Capstone Project: 5
- **ISIT 330** Business Intelligence Applications: 5
- **ISIT 334** Data Visualization: 5
- **ISIT 434** Web Analytics: 5

### Core Total

55

### Coursework Total

90-100

### Grand Total

180

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Data Analytics
Bachelor of Applied Science Degree
The Bachelor of Applied Science in Data Analytics provides graduates with the skills and knowledge needed for employment in the rapidly emerging field of data analytics, which comprises analyzing and interpreting the large datasets now available in a wide range of organizations and industries. Modern data analytics brings together tools and techniques from business, communication, graphic arts, information technology and statistics to collect, mine, interpret and represent large datasets to illustrate concepts and inform decisions.

This degree completion program is designed for individuals with two-year degrees in accounting, business, computer science, database, or related fields, or equivalent credits. The first 90 credits of the degree are fulfilled by entrance prerequisites. Relevant experience may substitute for some prerequisites.

**LEARNING OUTCOMES**

Degree recipients should be able to:
- Use technical tools and statistical knowledge to answer questions using data
- Plan and organize multiple projects to meet deadlines
- Apply data analytics within business contexts, in accordance with best practices, laws and regulations, and ethics
- Communicate effectively in multiple contexts and a variety of formats

**ENTRY REQUIREMENTS**

Individuals must have:
- An associate degree in business, accounting, or information technology or 90 equivalent credits that satisfy all course prerequisites
- Cumulative GPA of 2.0 in all college courses
- At least 30 credits of general education requirements must have been completed as part of the associate’s degree (see prerequisites)
- Level one Excel proficiency
- Familiarity with databases

**DEGREE REQUIREMENTS**

Completion of all required courses as shown in the worksheet for each corresponding concentration. In addition to eligibility requirements, students must also achieve the following:
- Complete 90 quarter credits in the general program and concentration requirements, with a grade of C or better
- A minimum cumulative GPA of 2.0 for all coursework taken at BC and the courses applied to the degree, including credits transferred from other colleges.
- At least 45 quarter credits for the degree must be completed in residence at BC, of which 30 credits must be upper division.

Courses may be subject to minimum grade requirements and prerequisites. Check online at [www.bellevuecollege.edu/classes/all/](http://www.bellevuecollege.edu/classes/all/).

**APPLICATION PROCESS**

To be considered for the bachelor of applied science in Data Analytics, prospective students must submit the following:
- Completed bachelor of applied science application form.
- Nonrefundable application fee of $75
- Official transcripts from regionally accredited college(s), demonstrating completion of an appropriate associate’s degree or equivalent credits, and the prerequisite courses, with a GPA of 2.0 or higher

**TUITION**

The Bachelor of Applied Science in Data Analytics is a self-support program and therefore does not necessarily follow the upper division tuition schedule published in the college catalog and quarterly schedule. Tuition includes applicable college and course fees, plus current per credit rates published online at [www.bellevuecollege.edu/enrollment/tuition/](http://www.bellevuecollege.edu/enrollment/tuition/).

These courses are not eligible for tuition waivers.

**FOR MOST UP-TO-DATE INFORMATION, GO TO:**
[www.bellevuecollege.edu/ibit/degrees/bachelor/data-analytics/](http://www.bellevuecollege.edu/ibit/degrees/bachelor/data-analytics/)

**NOTES**