

Occupational Endorsement Certificate in Business Analytics

The Occupational Endorsement Certificate in Business Analytics helps students to acquire skills to meet workforce needs by preparing them for a high demand job area in Business Analytics that cuts across multiple areas: healthcare, finance, marketing, management, global supply chain management, and logistics to name a few.

Admission Requirements

- Complete the Admission Requirements for Occupational Endorsement Certificates (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).

Graduation Requirements

- Complete the General University Requirements for Occupational Endorsement Certificates. (<http://catalog.uaa.alaska.edu/undergraduateprograms/certificaterequirements/>)
- Complete the following major requirements with a minimum grade of C:

Code	Title	Credits
CIS A110	Computer Concepts in Business	3
MATH A121 or MATH A151	College Algebra for Managerial and Social Sciences ¹ College Algebra for Calculus	3 or 4
CIS A210	Contemporary Business Applications Development	3
ECON A227	Introductory Statistics for Economics and Business	3
Choose two courses from the list below:		
CIS A330	Database Management Systems	3
CIS A470	Data Warehouses and Business Intelligence	3
CIS A490	Advanced Topics in Management Information Systems ²	3
Total		18 or 19

¹Some of these courses have prerequisites or require a placement exam prior to registration. Please see an advisor for assistance.

²Approved course title includes **Data Visualization using one or more of the major software/tools such as Python, Tableau, R, Spotfire, and Power BI**. All other course titles must be approved by the student's academic advisor.

A minimum of 18 credits is required for this certificate.

Students graduating with the Occupational Endorsement Certificate in Business Analytics will be able to:

- Complete a comprehensive, hands-on project utilizing spreadsheet, database, word processing, and presentation software.
- Define and describe current technologies and their applications to business.
- Use appropriate analytical techniques to identify, evaluate, and select logical solutions that meet the strategic goals of the organization.
- Demonstrate knowledge of and proficiency in the use of current information technologies for analyzing data of importance to business.