Business Intelligence Certificate (C25350A)

Courses are offered in 16 week sessions online, in hybrid and seated format.

First Semester
BAS 120 Intro to Analytics	3
BAS 150 Intro to Analytical Programming	3

Second Semester
BAS 121 Data Visualization	3
BAS 220 Applied Analytical Programming	3

Graduation Requirements
Total Credit Hours	12

Business Analyst Certificate (C25350B)

Courses are offered in 16 week sessions online, in hybrid and seated format.

First Semester
BAS 221 Intro to Predictive Analytics	3
BAS 240 Data Structures for Analytics	3

Second Semester
BAS 230 Applied Predictive Modeling	3
BAS 250 Analytical Tools and Methods	3
BAS 270 Advanced Analytical Tools & Methods	3

Graduation Requirements
Total Credit Hours	15

Logistics Analytics Certificate (C25350E)

Courses are offered in 16 week sessions online, in hybrid and seated format.

First Semester
BAS 120 Intro to Analytics	3
LOG 110 Intro to Logistics	3

Second Semester
BAS 121 Data Visualization	3
LOG 215 Supply Chain Management	3

Graduation Requirements
Total Credit Hours	12

Marketing Analytics Certificate (C25350C)

Courses are offered in 16 week sessions online, in hybrid and seated format.

First Semester
BAS 120 Intro to Analytics	3
BUS 110 Intro to Business	3

Second Semester
BAS 121 Data Visualization	3
MKT 120 Principles of Marketing	3

Graduation Requirements
Total Credit Hours	12

Financial Analytics Certificate (C25350F)

Courses are offered in 16 week sessions online, in hybrid and seated format.

First Semester
BAS 120 Intro to Analytics	3
ACC 120 Principles of Financial Accountings	4

Second Semester
BAS 121 Data Visualization	3
BUS 225 Business Finance	3

Graduation Requirements
Total Credit Hours	13

Want to know more?

Each student in the Business Analytics degree program is assigned a faculty advisor who provides guidance, assists with course selection and scheduling, and serves as a point of contact for the student.

More Information

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Business Analytics A25350 Associate Degree Program

The Business Analytics curriculum is designed to provide students with the knowledge and the skills necessary for employment and growth in analytical professions. Business Analysts process and analyze essential information about business operations and also assimilate data for forecasting purposes. Students will complete course work in business analytics, including general theory, best practices, data mining, data warehousing, predictive modeling, project operations management, statistical analysis, and software packages. Related skills include business communication, critical thinking and decision making.The curriculum is hands-on, with an emphasis on application of theoretical and practical concepts. Students will engage with the latest tools and technology utilized in today's analytics fields.

Careers in Business Analytics

Business analytics refers to the skills, technologies, applications and practices for continuous iterative exploration and investigation of past business performance to gain insight and drive business planning. Business analytics focuses on developing new insights and understanding business performance based on data and statistical methods. Business analytics makes extensive use of data, statistical and quantitative analysis, explanatory and predictive modeling, and fact-based management to drive decision making. Graduates should qualify for employment as data technicians, data scientists, business and data analytics engineers, and business analysts in the fields of finance, banking, logistics, marketing, healthcare, manufacturing, information technology, and government organizations. *Title and salary commensurate with previous industry and educational experience. Salary range: 28 - 80k.

Business Analytics A.A.S. Degree (A25350)

First Semester

BAS	120 Intro to Analytics	3
BAS	150 Intro to Analytical Programming	3
BUS	110 Intro to Business	3
CIS	110 Intro to Computers	3
ENG	111 Writing and Inquiry	3
MAT	143 Quantitative Literacy	3

Second Semester

BAS	121 Data Visualization	3
BAS	220 Applied Analytical Programming	3
MAT	152 Statistical Methods I	4
BUS	137 Principles of Management	3
*Elective I		3

Third Semester

BAS	221 Intro to Predictive Analytics	3
BAS	240 Data Structures for Analytics	3
ENG	114 Prof Research & Reporting	3
BUS	115 Business Law I	3
*Elective II		3

Fourth Semester

HUM	115 Critical Thinking	3
ECO	251 Principles of Microeconomics	3
BAS	250 Analytical Tools and Methods	3
BAS	270 Advanced Analytical Tools & Methods	3
BAS	230 Applied Predictive Modeling or Elective III	3

Graduation Requirements

Total Credit Hours	64

*Elective I

MKT	120 Principles of Marketing	3
ACC	120 Principles of Financial Acct	3
LOG	110 Introduction to Logistics	3

*Elective II

MKT	221 Consumer Behavior	3
BUS	225 Business Finance	3
LOG	215 Supply Chain Management	3

*Elective III

BAS	230 Business Analytics III	3
BUS	210 Investment Analysis	3
LOG	225 Logistics Systems	3

Enhance your job skills by enrolling in the accelerated certificate option for degree-holding professionals, completed online in two semesters part-time or one full-time semester.

Accelerated Certificate Options

Business Intelligence Certificate

First Semester	Second Semester
First 8 weeks	*First 8 weeks*
BAS 120	BAS 150
Second 8 weeks	*Second 8 weeks*
BAS 121	BAS 220

Business Analyst Certificate

First Semester	Second Semester
First 8 weeks	*First 8 weeks*
BAS 221 & BAS 240	BAS 250
Second 8 weeks	*Second 8 weeks*
BAS 230	BAS 270

*Based on completed prerequisites and past educational and professional experience. Students are encouraged to speak to a faculty advisor prior to registration