

# DATA ANALYTICS, ASSOCIATE IN APPLIED SCIENCE



## COMPUTER AND INFORMATION TECHNOLOGY

### Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
<b>Required Courses</b>			
CIS105	Survey of Computer Information Systems	3	_____
CIS111	Ethics in Information Technology	3	_____
CIS114DE	Excel Spreadsheet	3	_____
CIS117DM	Microsoft Access: Database Management	3	_____
CIS156	Python Programming: Level I	3	_____
CIS215	Foundations of Data Analytics and Programming	3	_____
CIS214DA	Advanced Excel for Data Analytics	3	_____
CIS276DA or CIS276DB	MySQL Database SQL Server Database	3	_____
CIS224	Project Management Microsoft Project for Windows	3	_____
CIS256DA	Python for Data Analysis	3	_____
CIS260BI or CIS260TB	Data Visualization: Power Business Intelligence (BI) Data Visualization: Tableau	3	_____
COM225	Public Speaking	3	_____
FYE101 or FYE103	Introduction to College, Career and Personal Success Exploration of College, Career and Personal Success	1-3	_____

GBS151	Introduction to Business	3	_____
GBS220 or GBS221	Quantitative Methods in Business Business Statistics	3	_____
PHI103	Introduction to Logic	3	_____
SBU200	Society and Business	3	_____

#### General Education

##### First-Year Composition

ENG101 or ENG107	First-Year Composition First-Year Composition for ESL	3	_____
Select one of the following:		3	_____
ENG102 or ENG108	First-Year Composition First-Year Composition for ESL		_____
ENG111	Technical and Professional Writing		_____

##### Oral Communication

Met by COM225 in Required Courses.		0	_____
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##### Critical Reading

Select one of the following:		0-3	_____
CRE101	College Critical Reading and Critical Thinking		_____

Equivalent as indicated by assessment

##### Mathematics

Select one of the following:		3-6	_____
MAT150	College Algebra/ Functions		_____
MAT151	College Algebra/ Functions		_____
MAT152	College Algebra/ Functions		_____
MAT155	College Algebra/ Functions with Review		_____
MAT156	College Algebra/ Functions with Review		_____

Any higher approved general education course in the Mathematics area

##### Distribution

##### Humanities, Arts and Design

Met by PHI103 Introduction to Logic in Required Courses.		0	_____
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##### Social and Behavioral Sciences

Met by SBU200 Society and Business in Required Courses.		0	_____
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<i>Natural Sciences</i>		
Any approved course in the Natural Sciences area.	4	
<b>Total Credits</b>	<b>62-70</b>	