

Computer Science - Data Analytics

Program: **Computer Science**

AAS DATA ANALYTICS - Guided Pathways/Map

1st Semester

Item #	Title	Credits
ORI 110	Freshman Seminar	1
CIS 134	IT Fundamentals	3
CIS 149	Digital Literacy	3
CIS 199	Network Communications	3
ENG 101	English Composition I	3
MTH 100	Intermediate College Algebra	3
	Sub-Total Credits	16

2nd Semester

Item #	Title	Credits
CIS 211	Principles of Information Assurance	3
CIS 205	Control Language and Utilities Applications	3
CIS 150	Introduction to Computer Logic and Programming	3
SPH 106	Fundamentals of Oral Communication	3
	Sub-Total Credits	12

3rd Semester

Item #	Title	Credits
CIS 146	Computer Applications	3
MTH 265	Elementary Statistics	3
IDS 102	Ethics	3
PSY 200	General Psychology	3
	Sub-Total Credits	12

4th Semester

Item #	Title	Credits
CIS 248	Introduction to IOT (Internet of Things)	3
BUS 271	Business Statistics I	3
ECO 231	Principles of Macroeconomics	3
CIS 222	Database Management Systems	3
	Sub-Total Credits	12

5th Semester

Item #	Title	Credits
CIS 294	Special Topics	3
CIS 202	Python Programming	3
BUS 272	Business Statistics II	3
CIS 281	System Analysis and Design	3
	Sub-Total Credits	12
	Total credits:	64