Computer Science - Data Analytics

Program: Computer Science

OPTION V - AAS DATA ANALYTICS - Guided Pathways/Map

1st Semester

Item #	Title	Credits
ORI 110	Freshman Seminar	1
CIS 134	IT Fundamentals	3
CIS 149	Introduction to Computers	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
ENG 102	English Composition II	3
MTH 112	Precalculus Algebra	3
	Sub-Total Credits	15

3rd Semester

Item #	Title	Credits
CIS 146	Computer Applications	3
CIS 171	Linux I	3
IDS 102	Ethics	3
PSY 200	General Psychology	3
	Sub-Total Credits	12

4th Semester

Item #	Title	Credits
MTH 120	Calculus and Its Applications	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:	**67**