



PATHWAYS



YOUR MAP TO
COMPLETION for
2022-2023

Computer Science - Data Analytics

Associate in Applied Science / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	Required V
	CIS 134	IT Fundamentals	3	Fa Sp	Required V
	CIS 149	Introduction to Computers	3	Fa Sp	Required V
	CIS 199	Network Communications	3	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
	MTH 100	Intermediate College Algebra	3	Fa Sp Su	Required III
Semester 2	CIS 211	Principles of Information Assurance	3	Fa Sp Su	Required V
	CIS 205	Control Languages and Utilities Application	3	Spring	Required V
	CIS 150	Intro to Computer Logic and Programming	3	Fa Sp	Required V
	ENG 102	English Composition II	3	Fa Sp Su	Required I
	*MTH 112	Precalculus Algebra	3	Fa Sp Su	Required III
Semester 3	CIS 146	Microcomputer Applications	3	Fa Sp Su	Required V
	CIS 171	Linux I	3	Fa Sp Su	Required V
	*IDS 102	Ethics	3	Fa Sp Su	Required II
	*PSY 200	General Psychology	3	Fa Sp Su	Required IV
Semester 4	MTH 120	Calculus and It's Applications	3	Fa Sp	Required III
	BUS 271	Business Statistics I	3	Fa Sp Su	Required V
	*ECO 231	Principles of Macroeconomics	3	Fa Sp Su	Required IV
	CIS 222	Database Management Systems	3	Fall	Required V
Semester 5	CIS 284 or CIS 294	CIS Internship or Special Topics	3	Fa Sp Su	Required V
	CIS 202	Python Programming	3	Sp Su	Required V
	BUS 272	Business Statistics II	3	Fa Sp Su	Required V
	CIS 281	Systems Analysis and Design	3	Fa Sp	Required V
Computer Science- Data Analytics AAS TOTAL HOURS 67					
Computer Science Information Technology Short-Term Certificate TOTAL HOURS 12					
Computer Science Data Analytics Short-Term Certificate TOTAL HOURS 12					

*May be substituted per advisor's approval

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <http://stars.troy.edu/>