DATA ANALYTICS & ARTIFICIAL INTELLIGENCE (AI) TO INFORMATION TECHNOLOGY A.S.

This is a suggested, full-time pathway. Not all courses are available in each semester. Students will develop a sequence of courses that best meets their needs in consultation with advisors and using the planning tools available.

SEMESTER MAP

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-1061 English Composition	ENG-2135 Technical Writing & Research*	HUM-2010 Seminar in Educational Inquiry*
	CIS-1100 Introduction to Computer Science	CIS-2330 Fundamentals of Database Systems*	CIS-2120 Network and Security Foundations*	CIS-2230 System Administration*
	CIS-1270 Introduction to Artificial Intelligence (AI)	CIS-1350 Desktop Operating Systems	*Humanistic Perspective*	*Natural Science*
	CIS-1280 Introduction to Data Analytics	CIS-2210 Python Programming or CIS-1145 Programming I	*Communication*	*Arts & Aesthetics*
	MAT-2021 Statistic	CIS-2420 Data Visualization and Power BI*	*Social Science*	Elective
Semester Credits	15 credits	16 credits	15 credits	14-16 credits
Cumulative Credits	15 credits	31 credits	46 credits	60-62 credits

* Course has prerequisite. Prerequisite courses are included in semester map, please consult catalog for more information. Electives and general education choice courses are italicized.