

# Data Analytics

## 4-YEAR PLAN

This example four-year plan is provided as a broad framework that you can follow in order to complete your degree within four years. Be sure to always consult your academic advisor before registering for classes.

<b>Y1</b>	<b>MATH203</b> Pre-calculus	3 •
	<b>DSCI103</b> IT Fundamentals	3 •
	<b>WRT101</b> Writing I	3 •
	<b>FYS103/HON101</b> First Year Seminar/ Honors Colloquium	3 •
	Science Course (KP)	3 •
	Elective or Minor course	• 3
	<b>BUSS105</b> Excel for Business	• 3
	<b>WRT102</b> Writing II	• 3
	<b>SOC104</b> Equity and Intersectionality (KP)	• 3
	Aesthetics & Creativity (KP)	• 3
<b>Y2</b>	<b>MATH208</b> Statistics	3 •
	<b>DSCI102</b> Intro Computer Science (Python/Google)	3 •
	<b>MATH205</b> Calculus 1	4 •
	<b>HIST104</b> World Civ 2	3 •
	Elective or Minor course	3 •
	<b>MATH305</b> Advanced Statistics	• 3
	<b>MDSC203</b> Multidisciplinary Experience	• 3
	<b>DSCI203</b> OS + Algorithms	• 3
	<b>DSCI204</b> How to Think Like a Data Scientist	• 3
Elective or Minor course	• 3	
<b>Y3</b>	<b>DSCI105</b> Data Warehouse & Business Intelligence	3 •
	<b>DSCI303</b> Machine Learning	3 •
	<b>PHIL302</b> Ethics	3 •
	<b>DSCI202</b> Data Analytics	3 •
	Elective or Minor course	3 •
	<b>DSCI306</b> Advanced Python Programming	• 3
	<b>DSC201</b> Analytics using SAS Visual Analytics	• 3
	<b>MATH215</b> Discrete Math	• 3
	Elective or Minor course	• 3
Elective or Minor course	• 3	
<b>Y4</b>	Internship Seminar	4 •
	<b>DSCI402</b> Analytics with R	3 •
	<b>DSCI301</b> Big Data Analytics	3 •
	Elective or Minor course	3 •
	Elective or Minor course	3 •
	<b>DSCI409</b> Project & Program Management	• 3
	<b>DSCIXXX</b> Analytics Elective with SAS	• 3
	<b>DSCI308</b> Predictive & Prescriptive Analytics	• 3
	Elective or Minor course	• 3
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