

Course Number	Freshman Fall	Credits
CTC-101	Connecting to Carlow	1
SKQ-101	Quantitative Reasoning	3
SKW-101	Foundations of Writing I	3
DTAN-101	Intro to Data Analytics	3
	Major Elective	3
CE	Critical Exploration Elective	3

Course Number	Freshman Spring	Credits
SKC-101	Communication: Personal to Professional	3
SKW-102	Foundations of Writing II	3
MAT-140 or MAT-160	Applied Calculus or Calculus I	4
	Major Elective	3
CA	Contemplation and Action Elective	3

Course Number	Sophomore Fall	Credits
ACC-104	Intro to Financial Accounting	3
MAT-115	Basic Applied Statistics	3
DTAN-220	Data Visualization	3
DTAN-150	Introduction to Python	3
	Major Elective	3

Course Number	Sophomore Spring	Credits
DTAN-140	Introduction to R	3
MAT-302	Linear Algebra	3
CM-290	Professional Presentations	3
EN-346 or EN-244	Technical Writing or Corporate Writing	3
	Compass Elective	3

Course Number	Junior Fall	Credits
MAT-398	Junior Seminar	1
DTAN-240	Database Management	3
DTAN-333	Modeling and Prediction	3
	Major Elective	3
	Major Elective	3
	Compass Elective	3

Course Number	Junior Spring	Credits
MAT-399	Junior Seminar	1
DTAN-310	Big Data and Data Systems	3
	Major Elective	3
	Major Elective	3
	Major Elective	3
	Compass Elective	3

Course Number	Senior Fall	Credits
PH-220	Ethics in Big Data	3
DTAN-498	Senior Experience	3
	Major Elective	3
	Major Elective	3
	Major Elective	2

Course Number	Senior Spring	Credits
DTAN-499	Internship	12

Total Credits:	120
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Recommended Electives

Electives in this program are chosen in consultation with a faculty advisor and can include courses toward a second major, a minor, or an area of concentration