



Data Science Associate of Science




Semester 1

Course Number	Course Name	Credits	Milestone	Completed
CSCI 1130	Introduction to Programming in Java	4	 Yes	<input type="checkbox"/>
MATH 1150	College Algebra	3	 Yes	<input type="checkbox"/>


Total Credits: 7

Semester 2

Course Number	Course Name	Credits	Milestone	Completed
CSCI 1040	Fundamentals of Structured Query Language (SQL)	3	 Yes	<input type="checkbox"/>
MATH 1210	Applied Statistics	4		<input type="checkbox"/>


Total Credits: 7

Semester 3

Course Number	Course Name	Credits	Milestone	Completed
CSCI 2001	Object-Oriented Programing (CS1)	4	 Yes	<input type="checkbox"/>
CSCI 2011	Programming in Python	1		<input type="checkbox"/>
COMM 1010	COMM 1010	3		<input type="checkbox"/>

Total Credits: 8

Semester 4

Course Number	Course Name	Credits	Milestone	Completed
ENGL 1200 # /1201	Gateway College Writing/College Writing I	4	 Yes	<input type="checkbox"/>
CSCI 2030	Database Modeling and Design	4		<input type="checkbox"/>

Total Credits: 8

Semester 5

Course Number	Course Name	Credits	Milestone	Completed
DSCI 2001	Data Science I	4	 Yes	<input type="checkbox"/>
MnTC Elective	Additional goal area credits (goals 6 to 10)	3		<input type="checkbox"/>

Total Credits: 7

(Semester 6 continues on the next page)



Milestone Courses

should be taken in the order shown. This will help you stay on track and graduate on time.

Helpful Hints


‡ ENGL0990 must be taken at the same time as ENGL1200

-CSCI2011 recommended before DSCI 2001

Program Electives (4 credits total):
CSCI 1150, 1180, 2002, 2010, MATH 2000

- Consider a goal 3 & 10 with a lab: CHEM 1000, CHEM 1010, or EEVS 1140/NSCI 1140

Semester 6

Course Number	Course Name	Credits	Milestone	Completed
DSCI 2002	Data Science II	4	 Yes	<input type="checkbox"/>
MnTC Goal 3	Goal 3 (Natural Science with lab)	4		<input type="checkbox"/>


Total Credits: 8

Semester 7

Course Number	Course Name	Credits	Milestone	Completed
DSCI 2009	Interdisciplinary Applications in Data Science	2		<input type="checkbox"/>
ENGL 1202	College Writing II	2		<input type="checkbox"/>
ECON 1060 or ECON 1070	Principles of Macroeconomics or Principles of Microeconomics	3		<input type="checkbox"/>

Total Credits: 7

Semester 8

Course Number	Course Name	Credits	Milestone	Completed
Program Electives	Choose course from program electives in helpful hints	4	 Yes	<input type="checkbox"/>
MnTC Elective	Additional goal area credits (goals 6 to 10)	4		<input type="checkbox"/>

Total Credits: 8

FINISHED



Disclaimer: This roadmap represents one possible pathway through the program, so please make an appointment with your Academic Advisor to create an education plan that is customized to meet your needs. This information subject to change.

- * Leaf/Dagger (†) means the class is only offered Fall semester. 🌸 Flower/Asterisk (*) means the class is only offered Spring Semester.
Double Dagger (‡) means the course has a corequisite that must be taken at the same time.