## **Data Science Associate of Science**



Semester 1				
Course Number	Course Name	Credits	Milestone	Completed
CSCI 1130	Introduction to Programming in Java	4	Yes	
MATH 1150	College Algebra (see helpful hints)	3	🔼 Yes	
	Total Credits:	7		

Total Credits:

Semester 2				
Course Number	Course Name	Credits	Milestone	Completed
CSCI 1040	Fundamentals of Structured Query Language (SQL)	3	🔁 Yes	
MATH 1210	Applied Statistics	4		
	Total Credits	: 7		

**Semester 3 Course Number Course Name** Credits Milestone Completed CSCI 2001 Object-Oriented Programing (CS1) 4 Yes Yes CSCI 2011 Programming in Python 1 Yes Yes COMM 1010 COMM 1010 3 

**Total Credits:** 

8

Semester 4					
Course Number	Course Name	(	Credits	Milestone	Completed
College Writing I	Pick one: ENGL 1200‡ or 1201		4-5		
CSCI 2030	Database Modeling and Design		4	🔼 Yes	
	Т	otal Credits:	8		

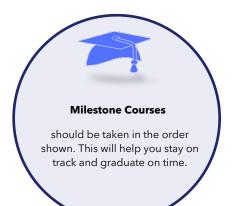
Total Credits:

Semester 5				
Course Number	Course Name	Credits	Milestone	Completed
DSCI 2001	Data Science I	4	Z Yes	
MnTC Elective	Additional goal area credits (goals 6 to 10)	3		

**Total Credits:** 7

(Semester 6 continues on the next page)





## **Helpful Hints**

‡ ENGL 1200 corequisite ‡ENGL 1001-College Writing I Workshop

‡ENGL 1203 corequisite ‡ENGL 1002-College Writing II Workshop

-CSCI 2011 recommended before DSCI 2001

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

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

-If you do not place into College Algebra (MATH 1150) you will need to complete additional math sequence courses in order to take Intro to Java (CSCI 1130).

Semester 6				
Course Number	Course Name	Credits	Milestone	Completed
DSCI 2002	Data Science II	4		
MnTC Goal 3	Goal 3 (Natural Science with lab)	4		
	Total Cr	edits: 8		

**Total Credits:** 

Semester 7					
Course Number	Course Name	Credits	Milestone	Completed	
DSCI 2009	Interdisciplinary Applications in Data Science	2			
College Writing II	Pick one: ENGL 1202 or 1203‡	2-3			
ECON 1060 or ECON 1070	Principles of Macroeconomics or Principles of Microeconomics	3			

**Total Credits:** 

7

Semester 8				
Course Number	Course Name	Credits	Milestone	Completed
Program Electives	Choose course from program electives in helpful hints	4		
MnTC Elective	Additional goal area credits (goals 6 to 10)	4		
	Total Credits:	8		

## **Program Credit Total: 60**





\*

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 is 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.

Effective 10/4/24 AT