

# Data Science Associate of Science

START  
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## Milestone Courses

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

## Semester 1

Course Number	Course Name	Credits	Milestone	Completed
<b>College Writing I</b>	Pick one: ENGL 1200‡ or 1201	4-5	Yes	<input type="checkbox"/>
<b>CSCI 1130</b>	Introduction to Programming in Java	4	Yes	<input type="checkbox"/>
<b>CSCI 1040</b>	Fundamentals of Structured Query Language (SQL)	3	Yes	<input type="checkbox"/>
<b>MATH 1150</b>	College Algebra (see helpful hints)	3	Yes	<input type="checkbox"/>

**Total Credits: 14**

## Semester 2

Course Number	Course Name	Credits	Milestone	Completed
<b>CSCI 2001</b>	Object-Oriented Programming (CS1)	4	Yes	<input type="checkbox"/>
<b>CSCI 2011</b>	Programming in Python	1	Yes	<input type="checkbox"/>
<b>MATH 1210</b>	Applied Statistics	4		<input type="checkbox"/>
<b>Program Electives</b>	Choose course from program electives in helpful hints	4		<input type="checkbox"/>
<b>MnTC Elective</b>	Additional goal area credits (goals 6 to 10)	3		<input type="checkbox"/>

**Total Credits: 16**

## Semester 3

Course Number	Course Name	Credits	Milestone	Completed
<b>DSCI 2001</b>	Data Science I	4	Yes	<input type="checkbox"/>
<b>CSCI 2030</b>	Database Modeling and Design	4	Yes	<input type="checkbox"/>
<b>ECON 1060 or ECON 1070</b>	Principles of Macroeconomics (goal 5 & 8) or Principles of Microeconomics (goal 5)	3		<input type="checkbox"/>
<b>MnTC Goal 3</b>	Goal 3 (Natural Science with lab)	4		<input type="checkbox"/>

**Total Credits: 15**

## Semester 4

Course Number	Course Name	Credits	Milestone	Completed
<b>DSCI 2002</b>	Data Science II	4		<input type="checkbox"/>
<b>DSCI 2009</b>	Interdisciplinary Applications in Data Science	2		<input type="checkbox"/>
<b>College Writing II</b>	Pick one: ENGL 1202 or 1203‡	2-3		<input type="checkbox"/>
<b>COMM 1010</b>	Fundamentals of Public Speaking	3		<input type="checkbox"/>
<b>MnTC Elective</b>	Additional goal area credits (goals 6 to 10)	4		<input type="checkbox"/>

**Total Credits: 15**

**Program Credit Total: 60**

**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 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