

Suggested Four-Year Plan

Data Science Concentration

Effective Fall 2025

Freshman Year

First Semester		Second Semester	
COMP 1900: CS 1	4	COMP 2150: CS 2	4
MATH 1910: Calculus I	4	MATH 1920: Calculus II	4
ENGL 1010	3	ENGL 1020	3
Gen. ed. history	3	Gen. ed. social science	3
Total	14	Total	14

Sophomore Year

First Semester		Second Semester	
COMP 2700: Discrete Structures	4	COMP 3081: CS 3	3
COMP 3115: Databases	3	COMP 3825: Networking	3
Natural science I with lab	4	Natural science II with lab	4
ENGL 2201 or 2202	3	Gen. ed. humanities	3
Open elective	2	COMM 2381	3
Total	16	Total	16

Junior Year

First Semester		Second Semester	
COMP 3410: Org/Arch	3	COMP 4081: SE	3
COMP 4517: HCI	3	COMP 4030: Algorithms	3
COMP 4745: Machine Learning	3	MATH 3242: Linear Algebra	3
MATH 4614: Prob/Stat	3	Gen. ed. social science	3
Open elective	3	Open elective	3
Total	15	Total	15

Senior Year

First Semester		Second Semester	
COMP 4270: OS	3	COMP 4882: Capstone	3
COMP 4601: Models	3	MATH 4686: Stat Learning II	3
COMP 4151: Intro Data Science	3	Gen. ed. humanities	3
MATH 4685: Stat Learning I	3	Open elective	3
Gen. ed. history	3	Open elective	3
Total	15	Total	15