



Department of Computer Science

Suggested Four-Year Plan: AI and Data Science Concentration

Effective Fall 2026

FRESHMAN YEAR

First Semester

COMP 1900 CS 1	4
MATH 1910 Calculus I	4
ENGL 1010	3
Gen. ed. history	3
<i>TOTAL</i>	14

Second Semester

COMP 2150 CS 2	4
MATH 1920 Calculus II	4
ENGL 1020	3
Gen. ed. social science	3
<i>TOTAL</i>	14

SOPHOMORE YEAR

First Semester

COMP 2700 Discrete Structures	3
COMP 3115 Databases	3
Natural science I with lab	4
ENGL 2201 or 2202	3
Open elective	3
<i>TOTAL</i>	16

Second Semester

COMP 3081 CS 3	3
COMP 3825 Networking	3
Natural science II with lab	4
Gen. ed. humanities	3
COMM 2381	3
<i>TOTAL</i>	16

JUNIOR YEAR

First Semester

COMP 3410 Org/Arch	3
COMP 4517 HCI	3
AI/DS elective	3
MATH 4614 Prob/Stat	3
Open elective	3
<i>TOTAL</i>	15

Second Semester

COMP 4030 Algorithms	3
COMP 4081 Software Eng	3
AI/DS elective	3
MATH 3242 Linear Algebra	3
Gen. ed. social science	3
<i>TOTAL</i>	15

SENIOR YEAR

First Semester

COMP 4270 OS	3
COMP 4601 Models	3
AI/DS elective	3
Gen. ed. history	3
Open elective	3
<i>TOTAL</i>	15

Second Semester

COMP 4882 Capstone	3
AI/DS elective	3
Gen. ed. humanities	3
Open elective	3
Open elective	3
<i>TOTAL</i>	15