

College of Engineering, Informatics, and Applied Sciences

Software Engineering Bachelor of Science

2023-2024 Undergraduate Catalog

Progression Plan-Classic

Sample Progression Plans are for planning purposes only; see the catalog for official details.

Year 1 - Fall	
CS 126 Computer Science I	3
CS 126L Computer Science I Lab	1
MAT 136 Calculus I	4
Foundation English	4
Liberal Studies and/or Diversity	3

Year 1 - Spring	
CS 136 Computer Science II	3
CS 136L Computer Science II Lab	1
CS 200 Introduction To Computer Organization	3
BIO 181, CHM 151, or PHY 161	3
BIO 181L or CHM 151L	1
CS 105 Computing Tools I	1
CS 205 Computing Tools II	1
CS 305 Computing Tools III	1

Year 2 - Fall	
CS 249 Data Structures	3
MAT 226 Discrete Mathematics	3
CS 212 Web Programming I	3
BIO 182, CHM 152, or PHY 262	3
BIO 182L Unity Of Life II Laboratory	1
Liberal Studies and/or Diversity	3

Year 3 - Fall	
CS 396 PRINCIPLES OF LANGUAGES	3
CS 440 Software Architecture	3
CS/SE Elective at 300-level or above 1 of 5	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 4 - Fall	
SE 476 Requirements Engineering	2
CS/SE Elective at 300-level or above 3 of 5	3
CS/SE Elective at 300-level or above 4 of 5	3
Technical Elective 2 of 2	3
Liberal Studies and/or Diversity	3

Year 2 - Spring	
CS 345 Database Systems	3
CS 386 Software Engineering	3
CS 460 Computer Networks	3
STA 270, STA 275 or CENE 225	3
Technical Elective 1 of 2	3

Year 3 - Spring	
EGR 333W Technology And Society	3
SE 450 Software Testing	3
SE 460 Project Management	3
CS/SE Elective at 300-level or above 2 of 5	3
Liberal Studies and/or Diversity	3

Year 4 - Spring	
SE 486C Capstone Experience	4
CS/SE Elective at 300-level or above 5 of 5	3
Liberal Studies and/or Diversity	3
General Elective Course	3
General Elective Course	3