College of Engineering, Informatics, and Applied Sciences

Applied Computer Science Bachelor of Science

2022-2023 Undergraduate Catalog

Progression Plan-Classic

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

Year 1 - Fall	
CS 112 Introduction To The World Wide Web And Internet	3
CS 122 Programming For Engineering And Science	2
CS 122L Programming For Engineering And Science Lab	1
CS 105 Computing Tools I	1
English Foundation	4
General Elective Course	4
General Elective Course	1

Year 1 - Spring	
MAT 136 Calculus I	4
INF 110 Discovering Informatics	3
CS 126 Computer Science I	3
CS 126L Computer Science I Lab	1
Liberal Studies and/or Diversity	3

Year 2 - Fall	
CS 136 Computer Science II	3
CS 136L Computer Science II Lab	1
STA 270 or STA 275 or CENE 225	3
CS 212 Web Programming I	3
CS 205 Computing Tools II	1
CS 305 Computing Tools III	1
Liberal Studies and/or Diversity	3

Year 2 - Spring	
CS 249 Data Structures	3
CS 200 Introduction To Computer Organization	3
MAT 226 Discrete Mathematics	3
EE 222 Intermediate Programming	3
Liberal Studies and/or Diversity	3

Year 3 - Fall	
CS 386 Software Engineering	3
EGR 333W Technology and Society	3
Applied Computer Science technical elective	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 3 - Spring	
CS 345 Database Systems	3
CS 480 Operating Systems	3
Applied Computer Science major elective	3
Applied Computer Science technical elective	3
General Elective Course	3

Year 4 - Fall	
CS 476 Requirements Engineering	2
Applied Computer Science major elective	3
Applied Computer Science major elective	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3

Year 4 - Spring	
CS 486C Capstone Experience	4
Applied Computer Science major elective	3
Applied Computer Science major elective	3
Applied Computer Science technical elective	3
General Elective Course	3