NORTHERN ARIZONA UNIVERSITY

College of Engineering, Informatics, and Applied Sciences

Applied Computer Science Bachelor of Science

2019-2020 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
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3
General Elective Course	3
General Elective Course	3

Year 1 - Spring	
CS 122 Programming For Engineering And Science	2
CS 122L Programming For Engineering And Science Lab	1
MAT 136 Calculus I	4
EE 110 Introduction To Digital Logic	4
English Foundation	4

Year 2 - Fall	
CS 126 Computer Science I	3
CS 126L Computer Science I Lab	1
STA 270 or STA 275	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3
General Elective Course	3

Year 2 - Spring	
CS 136 Computer Science II	3
CS 136L Computer Science II Lab	1
CS 200 Introduction To Computer Organization	3
MAT 226 Discrete Mathematics	3
Applied Computer Science technical elective	3
Liberal Studies and/or Diversity	3

Year 3 - Fall	
CS 212 Web Programming	3
EE 222 Intermediate Programming	3
CS 249 Data Structures	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3

Year 3 - Spring	
CS 386 Software Engineering	3
CS 480 Operating Systems	3
Applied Computer Science major elective	3
Applied Computer Science major elective	3
ENG 302W Technical Writing	3

Year 4 - Fall	
CS 301 Computers And Society	2
CS 345 Principles Of Database Systems	3
CS 476 Requirements Engineering	2
Applied Computer Science major elective	3
Applied Computer Science major elective	3

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