NORTHERN ARIZONA UNIVERSITY

College of Engineering, Informatics, and Applied Sciences
Computer Science Bachelor of Science in Computer 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 126 Computer Science I	3
CS 126L Computer Science I Lab	1
MAT 136 Calculus I	4
CS 105 Computing Tools I	1
Liberal Studies and/or Diversity	3
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
MAT 137 Calculus II	4
Foundation English	4

Year 2 - Fall	
CS 249 Data Structures	3
MAT 226 Discrete Mathematics	3
CS 212 Web Programming I	3
CS 205 Computing Tools II	1
PHY 161 or CHM 151 or BIO 181	4
CHM 151L or BIO 181L	1
Liberal Studies and/or Diversity	3

Year 2 - Spring	
CS 386 Software Engineering	3
Computer Science major elective	3
PHY 262 or CHM 152 or BIO 182	3
BIO 182L Unity Of Life II Laboratory	1
CENE 225 or STA 270 or STA 275	3
Liberal Studies and/or Diversity	3

Year 3 - Fall	
EGR 333W Technology And Society	3
CS 315 Automata Theory	3
CS 305 Computing Tools III	1
Computer Science major elective	3
Computer Science major elective	3
General Elective Course	3

Year 3 - Spring	
CS 396 Principles Of Languages	3
CS 480 Operating Systems	3
Computer Science major elective	3
MAT 316 or MAT 362	3
Liberal Studies and/or Diversity	3

Year 4 - Fall	
CS 421 Algorithms	3
CS 476 Requirements Engineering	2
Computer Science major elective	3
Computer Science Technical elective	3
Computer Science Technical elective	3

Year 4 - Spring	
CS 486C Capstone Experience	4
Computer Science major elective	3
Computer Science Technical elective	3
Liberal Studies and/or Diversity	3