NAU NORTHERN ARIZONA UNIVERSITY

College of Engineering, Informatics, and Applied Sciences

Informatics Bachelor of Science

Ecoinformatics - Emphasis

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
BIO 181 Unity Of Life I: Life Of The Cell	3
BIO 181L Unity Of Life I Laboratory	1
CS 105 Computing Tools I	1
CS 205 Computing Tools II	1
CS 305 Computing Tools III	1

Year 1 - Spring	
CS 136 Computer Science II	3
CS 136L Computer Science II Lab	1
MAT 137 Calculus II	4
BIO 182 Unity Of Life II: Lives Of Multicellular Organisms	3
BIO 182L Unity Of Life II Laboratory	1
Foundation English	4

Year 2 - Fall	
CS 200 Introduction To Computer Organization	3
EE 222 Intermediate Programming	3
MAT 226 Discrete Mathematics	3
EcoInformatics Elective	3
Liberal Studies and/or Diversity	3

Year 2 - Spring	
CS 249 Data Structures	3
STA 275 Statistical Analysis	3
BIO 226 Ecology	3
BIO 226L Ecology Lab	1
EcoInformatics Elective	3
BIO 240 or BIO 441 or AST 390	3

Year 3 - Fall	
INF 376 Research Initiation	3
CS 345 Database Systems	3
ENG 302W Technical Writing	3
EcoInformatics Elective	3
MAT 300- or 400-level Elective	3

Year 3 - Spring	
INF 386 Research Planning	3
STA 371 Intermediate Statistics	3
INF 205, 414, 421, 422, or 423	3
EcoInformatics Elective	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3

Year 4 - Fall	
INF 476C Research Design	3
INF 205, 414, 421, 422, or 423	3
INF 205, 414, 421, 422, or 423	3
EcoInformatics Elective	3
Liberal Studies and/or Diversity	3

Year 4 - Spring	
INF 486C Capstone Experience	3
INF 205, 414, 421, 422, or 423	3
EcoInformatics Elective	3
Liberal Studies and/or Diversity	3
Liberal Studies and/or Diversity	3