NORTHERN ARIZONA UNIVERSITY

College of the Environment, Forestry, and Natural Sciences

Environmental Sciences Bachelor of Science

Applied Mathematics - Emphasis

2018-2019 Undergraduate Catalog

Progression Plan-Classic

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

Year 1 - Fall	
Foundation English	4
MAT 136 Calculus I	4
CS 122 Programming for Engineering and Science	2
CS 122L Programming For Engineering And Science Lab	1
General Elective Course	1
Liberal Studies and/or Diversity	3

Year 1 - Spring	
CHM 151 General Chemistry I	4
CHM 151L General Chemistry I Lab	1
MAT 137 Calculus II	4
Liberal Studies and/or Diversity	3
ENV 115 Climate Change	3

Year 2 - Fall	
MAT 238 Calculus III	4
STA 270 or STA 275	3
CHM 152 General Chemistry II	3
CHM 152L General Chemistry II Lab	1
Liberal Studies and/or Diversity	3
General Elective Course	1

Year 2 - Spring	
ENV 230 Foundations Of Environmental Science: Humans And The Environment	4
GSP 239 Introduction To Geographic Information Systems	4
MAT 239 Differential Equations	3
POS 359 Environmental Policy	3
General Elective Course	1
Discuss internship or research options with your advisor.	

Year 3 - Fall	
ENV 326 Essential Ecology	3
ENV 326L Essential Ecology Lab	1
Env Sci major elective - any upper division ENV course	3
MAT 316 Introduction To Linear Algebra	3
Applied Mathematics emphasis elective	3
General Elective Course	1

Year 3 - Spring	
ENV 360 Physical And Chemical Processes In The Atmosphere And Hydrosphere	4
ENV 408 or ENV 485	3
Liberal Studies and/or Diversity	3
General Elective Course	3
General Elective Course	3

Year 4 - Fall	
ENV 385W Energy, Resources And Policy	4
ENV 440 Conservation Biology	3
ENV 440L Conservation Biology Lab	1
STA 471 Regression Analysis	3
Liberal Studies and/or Diversity	3
General Elective Course	1

Year 4 - Spring	
ENV 490C Senior Seminar In Environmental Sciences And Environmental And Sustainability Studies	3
Applied Mathematics emphasis elective	3
General Elective Course	3
General Elective Course	3
General Elective Course	3