

Bachelor of Science ENVIRONMENTAL SCIENCES: APPLIED MATHEMATICS (EXTENDED MAJOR)

2006-2007 Undergraduate Catalog

Degree Progression Plan

Freshman Year								
1 st term				2 nd term				
CHM 151	General Chemistry I (LS)	4	CHM 152	General Chemistry II (SAS)	3			
CHM 151L	General Chemistry I Lab	1	CHM 152L	General Chemistry II Lab	1			
MAT 136	Calculus I (SAS)	4	MAT 137	Calculus II (FNRQ)	4			
CS 122 or CS 123	Intro to Programming (SAS) or Programming in Fortran	3	ENG 105	Critical Reading and Writing (FNRQ)	4			
GE	General Elective	3	Diversity	Diversity See Catalog or Advisor	3			
FYE 101	First Year Experience	1						
Total units 16				Total	units 15			

Sophomore Year								
	3 rd term		4 th term					
ENV 230	Foundations Of Environmental Science: Humans And The Environment	4	ENV 280	Physical and Chemical Processes in the Atmosphere & Hydrosphere	4			
MAT 238	Calculus III	4	STA 270	Applied Statistics (SAS)	3			
MAT or SCI Elective	See Catalog or Advisor *	3	MAT 239	Differential Equations	3			
LS	Liberal Studies	3	MAT or SCI Elective	See Catalog or Advisor *	3			
			LS	Liberal Studies	3			
Total units 14 Total units 16								

Junior Year								
5 th term				6 th term				
ENV 330	Environmental Ecology: Synthesis And Applications	4	ENV 385W	Energy, Resources & Policy	4			
POS 359	Environmental Policy (SPW)	3	ENV 3XX/4XX	ENV elective course	3			
MAT 316	Introduction to Linear Algebra	3	STA XXX	Statistics Elective **	3			
STA XXX	Statistics Elective **	3	MAT or SCI Elective	See Catalog or Advisor *	4			
MAT or SCI Elective	See Catalog or Advisor *	3		Meet with Advisor Prior to enrolling in 7 th term				
Total units				Total units	14			

Senior Year								
	7 th term			8 th term				
ENV 408 or ENV 485	Fieldwork Experience or Undergraduate Research	3	ENV 490C	Senior Seminar in Environmental Sciences	3			
STA 471	Regression Analysis	3	STA 472	Nonparametric Statistics	3			
STA XXX	Statistics Elective **	3	STA XXX	Statistics Elective **	3			
MAT or SCI Elective	See Catalog or Advisor *	3	Diversity	Diversity See Catalog or Advisor	3			
LS	Liberal Studies	3	LS	Liberal Studies	3			
Total units				Total un	its 15			

- This degree progression plan is to be used in conjunction with the academic catalog and degree progress report.
- Students should see an academic advisor regularly to confirm their academic progress.
- Students must see an academic advisor before enrollment for the 7th term in preparation for graduation.
- Many courses have pre-requisites. Please check the academic catalog for pre-requisite and placement information.

PROGRAM INFORMATION

A minimum of 120 units are required for this degree.

A grade of C or better is required for all ENV courses, POS 359 and STA 270. An average overall GPA of 2.0 or better is required for all computer science, math and science courses.

Recitations are available and strongly encouraged for CHM 151 and CHM 152, however they are not required.

*Major electives include 16 additional units of mathematics and science courses chosen with your advisor's approval (does not to include BIO 326) and at least 12 units in upper-division courses

**Statistics electives are satisfied with 12 additional units in upper-division STA courses chosen with your advisor's approval.

GENERAL INFORMATION

- Honors students complete different requirements to meet NAU's liberal studies program. Students should consult an Honors Program advisor for complete information on fulfilling Honors Liberal Studies requirements.
- All students are required to complete at least 120 total units which includes:
 - 35 units of liberal studies courses: http://www4.nau.edu/aio/Articulation/LScourselist.htm
 - 6 units of diversity courses: (3 units in Global & 3 units in Ethnic): The diversity requirement may be fulfilled in any part of the program of study.

http://www4.nau.edu/aio/Articulation/DiversityCourseList/htm

- 30 units of upper division courses (300-400 level), 18 of these units must be taken at NAU
- The diversity requirement may be fulfilled in any part of program of study.
- English placement: http://www.nau.edu/comp/placement.html
- Math placement: http://www.math.nau.edu/placement.html

CONTACT INFORMATION

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