NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science
ENVIRONMENTAL SCIENCES: BIOLOGY (EXTENDED MAJOR)

2008-2009 Undergraduate Catalog

Degree Progression Plan

Freshman Year							
1st term				**2nd term**			
CHM 151	Gen. Chemistry I (SCI: LAB)	4		CHM 152	Gen. Chemistry II (SCI: SAS)	3	
CHM 151L	Gen. Chemistry I Lab (SCI: LAB)	1		CHM 152L	Gen. Chemistry II Lab	1	
MAT 125 or MAT 114	Pre-Calculus or Quantitative Reasoning (FNRQ) *	3-4		BIO 181	Unity of Life I (SCI: SAS)	3	
LS	Liberal Studies	3		BIO 181L	Unity of Life Lab	1	
GE	General Elective	3		ENG 105	Critical Reading and Writing (FNRQ)	4	
FYE 101	First Year Experience	1		*DIV*	Diversity	3	
	Total units	15-16			Total units	15	

Sophomore Year							
3rd term				**4th term**			
ENV 230	Fundamentals of Environmental Sciences	4		ENV 326	Ecology	3	
BIO 182	Unity of Life II	4		ENV 326L	Environmental Ecology Lab	1	
GGR 239	Intro to Geographic Info Systems	4		BIO 205	Microbiology (SCI: SAS)	4	
MAT 136 or MAT 119	Calculus I (SCI: SAS) or Finite Math*	3-4		STA 275	Statistical Analysis	3	
				CHM 230	Fundamental Organic Chemistry	3	
	Total units	15-16			Total units	14	

Junior Year							
5th term				**6th term**			
ENV 280	Atmosphere & Hydrosphere	4		ENV 385W	Energy, Resources & Policy	4	
ME	Major Elective **	3		ENV 440	Conservation Biology	3	
CHM 360	Fundamental Biochemistry	3		ENV 440L	Conservation Biology Lab	1	
MAT 131 or *GE*	Topics in Calculus (SCI: SAS) * or General Elective	3		ME	Major Elective **	3	
LS	Liberal Studies	3		POS 359	Environmental Policy (SPW)	3	
				LS	Liberal Studies	3	
	Total units	16			Total units	17	

Senior Year							
7th term				**8th term**			
ENV 408 *or* ENV 485	Fieldwork Experience or Undergraduate Research	3		ENV 490C	Senior Seminar in Environmental Sciences	3	
ME	Major Elective **	3		ME	Major Elective **	3	
ME	Major Elective **	2		*DIV*	Diversity	3	
LS	Liberal Studies	3		*LS*	Liberal Studies	3	
GE	General Elective	3		*GE*	General Elective (if needed to reach 120 units)	0-2	
	Total units	14			Total units	12-14	

Liberal Studies Distribution blocks

AHI (6 units)	SPW (6 units)	CU (6 units)	Science (7 units)	Additional 3 units to reach 35 total
	POS 359 (3)		CHM 151 & 151L (5)	
			CHM 152 (3)	BIO 181 (3)

Revised 1/3/2008

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 & STA 270.
An average overall GPA of 2.0 or better is required for all math, science and geography courses.

Recitations are available and strongly encouraged for CHM 151, CHM 152, BIO 181 and BIO 182, however they are not required.

*Math requirement is satisfied by taking either: MAT 125 and 136 **OR** MAT 114, 119 and 131.

**Major electives include 14 units from the following BIO or ENV courses (does not to include BIO 326) of which 7 units must be at the 300 level or above:

ENVIRONMENTAL SCIENCES: ENV 300, 375, 389, 399, 409, 410, 430, 466, 471, 495, 497, and 499
PLANT BIOLOGY: BIO 284, 374, 410, 411, 415, 426C, and 431
ANIMAL BIOLOGY: BIO 221, 222, 223, 227, 322, 366, 424, 425C, 475, 477, and 478
GENERAL: BIO 300, 340, 343, 344, 369, 372, 373, 435C, and 479

GENERAL INFORMATION

- 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.
- Submit graduation application during 7th term.
- 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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