NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science
GEOCHEMISTRY (EXTENDED MAJOR)
2007-2008 Undergraduate Catalog

Degree Progression Plan

Freshman Year							
1st term				2nd term			
CHM 151	General Chemistry I	4		CHM 152	General Chemistry II	3	
CHM 151L	General Chemistry I Lab	1		CHM 152L	General Chemistry II Lab	1	
GLG 101	Physical Geology (SCI: LAB)	3		ENG 105	Critical Reading and Writing (FNRQ)	4	
GLG 103	Physical Geology Lab (SCI: LAB)	1		MAT 136	Calculus I (SCI: SAS)	4	
GE	General Elective *	3		GLG 102	Historical Geology (SCI: SAS)	3	
FYE 101	First Year Experience	1		GLG 104	Historical Geology Lab	1	
	Total units	13			Total units	16	

Sophomore Year							
3rd term				4th term			
CHM 235	Organic Chemistry I	4		CHM 238	Organic Chemistry II	3	
CHM 235L	Organic Chemistry I Lab	1		GLG 240	Introduction to Field Methods & Report Writing	2	
MAT 137	Calculus II (FNRQ)	4		PHY 262	University Physics II (SCI: SAS)	3	
PHY 161	University Physics I (SCI: SAS)	3		*LS*	Liberal Studies	3	
PHY 161L	University Physics I Lab	1		*DIV*	Diversity	3	
GE	General Elective	3		*GE*	General Elective	3	
	Total units	16			Total units	17	

Junior Year							
5th term				6th term			
CHM 341	Physical Chemistry I	3		CHM 320	Analytical Chemistry	3	
GLG 309	Mineralogy: Introduction to Earth Metals	4		CHM 320L	Analytical Chemistry Lab	1	
JLWC	Junior Level Writing Course **	3		GLG 315	Petrology	4	
LS	Liberal Studies	3		*LS*	Liberal Studies	3	
LS	Liberal Studies	3		*LS*	Liberal Studies	3	
Meet with an advisor to discuss capstone options							
	Total units	16			Total units	14	

Senior Year							
7th term				8th term			
CAP	Capstone Course ****	2		*CAP*	Capstone Course ****	1	
CHM 350	Inorganic Chemistry I	3		GLG 324	Sedimentology & Stratigraphy	3	
GLG 435	Structural Geology	4		*ME*	Major Elective ***	3	
ME	Major Elective ***	3		*LS*	Liberal Studies	3	
DIV	Diversity	3		*GE*	General Elective	3	
	Total units	15			Total units	13	

- 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.

PROGRAM INFORMATION

A minimum of 120 units are required for this degree.

Recitations are available and strongly encouraged for CHM 151, CHM 152, CHM 235, CHM 238, PHY 161, and PHY 262, however they are not required.

* If you are not prepared to take MAT 136 in term 2, MAT 125 will take the place of the general elective in term 1.

** Junior Level Writing Requirement is fulfilled by the completion of CHM 300W, ENG 302W, or ENG 305W

*** Major Electives include 6 additional units from CHM upper-division (300 level or higher) courses

**** Capstone Courses includes at least two of the following: CHM 408C or 485C, 497C, & 498C which equals 3 units.

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
- English placement: http://www.nau.edu/comp/placement.html
- Math placement: http://www.math.nau.edu/placement.html

CONTACT INFORMATION

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