NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science
GEOLOGY: GEOPHYSICS
2008-2009 Undergraduate Catalog

Degree Progression Plan

Freshman Year							
1st term				2nd term			
GLG 101	Physical Geology	3		GLG 102	Historical Geology	3	
GLG 103	Physical Geology Lab	1		GLG 104	Historical Geology Lab	1	
CHM 151	General Chemistry I (SCI: LAB)	4		ENG 105	Critical Reading and Writing (FNRQ)	4	
CHM 151L	General Chemistry Lab (SCI: LAB)	1		MAT 136	Calculus I (SCI: SAS)	4	
GE	General Elective *	4		CHM 152	General Chemistry II (SCI: SAS)	3	
FYE 101	First Year Experience	1		CHM 152L	General Chemistry II Lab	1	
	Total units	14			Total units	16	

Sophomore Year							
3rd term				4th term			
GLG 240	Intro Field Methods	2		MAT 238	Calculus III	4	
MAT 137	Calculus II (FNRQ)	4		PHY 262 or 112	Physics II (SCI: SAS) **	3	
PHY 161 or 111	Physics I (SCI: SAS) **	3		PHY 112L or *GE*	Physics II Lab (PHY 262L is not required) or General Elective	1	
PHY 161L or PHY 111L	Physics I Lab **	1		*DIV*	Diversity	3	
LS	Liberal Studies	3		*LS*	Liberal Studies	3	
GE	General Elective	3					
	Total units	16			Total units	14	

Junior Year							
5th term				6th term			
GLG 309	Mineralogy	4		GLG 324	Sedimentology. & Stratigraphy	4	
MAT 239 or PHY 401	Differential Equations or Methods of Analytical Physics	3		GLG 350W	Geological Communications	3	
ME	Major Elective ***	4		GLG 315	Petrology	4	
DIV	Diversity	3		*ME*	Major Elective ***	3	
LS	Liberal Studies	3		*LS*	Liberal Studies	3	
	Total units	17			Total units	17	

Senior Year							
7th term				8th term			
GLG 435	Structural Geology	4		GLG 470	Physics and Chemistry of Earth	3	
ME	Major Elective ***	3		GLG 440C	Advanced Geologic Field Methods	6	
ME	Major Elective ***	3		*LS*	Liberal Studies	3	
LS	Liberal Studies	3		*GE*	General Elective	1	
	Total units	13			Total units	13	

Liberal Studies Distribution blocks

AHI (6 units)	SPW (6 units)	CU (6 units)	Science (7 units)	Additional 3 units to reach 35 total
			CHM 151 & 151L (5)	
			CHM 152 (3)	PHY 111 or 161 (3)

Revised 1/3/2008

PROGRAM INFORMATION

A minimum of 120 units are required for this degree.

Recitations are available and strongly encouraged for CHM 151, CHM 152, PHY 111, PHY 112, PHY 161, & 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

**PHY 161, 161L and 262 are recommended.

*** Major electives include at least 13 units from:

- 4 units from: GLG 360, GLG 430 or GLG 451
- At least 9 units from PHY 263, 264, 321, 322, 331, 332, and 441; GLG 451, 560, and 565

GLG 490 is a recommended course.

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

CONTACT INFORMATION

Geology Department
Building 12, Room 100
Phone: 928-523-4561
Department Chair: Larry Middleton
Phone: 908-523-2429
EMAIL: Larry.Middleton@nau.edu

Debbie Wildermuth
Academic Services Coordinator
College of Engineering and Natural Sciences
Building 21, Room 102
Phone: 928-523-3842
EMAIL: Debbie.Wildermuth@nau.edu