NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science
GEOLOGY: ENGINEERING
2005-2006 Undergraduate Catalog

8-Term 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: 151L	General Chemistry I and Lab (LS)	5		MAT 136	Calculus I (SAS)	4	
General Elective	*	4		CHM 152	General Chemistry II (SAS)	3	
FYE 101	First Year Experience	1		CHM 152L	General Chemistry II Lab	1	
				ENG 105	Critical Reading and Writing (FNRQ)	4	
	Total units	14			Total units	16	

Sophomore Year

3rd term				4th term			
GLG 240	Introduction to Field Methods	2		CENE 253	Mechanics of Materials	3	
CENE 251	Applied Mechanics Statistics	3		CENE 253L	Mechanics of Materials Lab	1	
MAT 137	Calculus II (FNRQ)	4		MAT 238	Calculus III	4	
PHY 161 or 111	Physics I (SAS) **	3		PHY 262 or 112	Physics II (SAS) **	3	
PHY 161L or 111L	Physics I Lab **	1		PHY 112L or General Elective	Physics II (PHY 262L is not required)	1	
General Elective		1		Diversity		3	
	Total units	14			Total units	15	

Junior Year

5th term				6th term			
GLG 309	Mineralogy	4		GLG 324	Sedimentology & Stratigraphy	4	
CENE 383	Soil Mechanics & Foundations	4		GLG 350W	Geological Comm.	3	
Major Elective	***	3		GLG 315	Petrology	4	
Liberal Studies		3		GLG 360	Applied Geology	4	
Liberal Studies		3					
				Meet with advisor prior to enrolling in 7th term			
	Total units	17			Total units	15	

Senior Year

7th term				8th term			
GLG 435	Structural Geology	4		GLG 470	Physics & Chemistry of Earth	3	
Major Elective	***	4		GLG 440C	Adv. Geology Field	6	
Diversity		3		Liberal Studies		3	
Liberal Studies		3		Liberal Studies		3	
Submit graduation application during 7th term							
	Total units	14			Total units	15	

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 a minimum of 7 units from:

- One of GLG 360, 430, or 451
- At least 3 units selected with your advisor's approval from GLG 225, 430, and 451 & MAT 239

GLG 490 is a recommended course.

GENERAL INFORMATION

- This 8-term plan is to be used in conjunction with the academic catalog and degree audit report.
- 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.
- 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.
- 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/master.html?http://www.math.nau.edu/odin.html

CONTACT INFORMATION

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