

Bachelor of Science GEOLOGY: ENGINEERING

2008-2009 Undergraduate Catalog

Degree Progression Plan

Freshman Year							
1 st term			2 nd 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 I 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							
3 rd term				4 th 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 (SCI: SAS) **	3	PHY 262 or 112	Physics II (SCI: SAS) **	3		
PHY 161L or PHY 111L	Physics I Lab **	1	PHY 112L or GE	Physics II Lab (PHY 262L is not required) or General Elective	1		
GE	General Elective	1	DIV	Diversity	3		
	Total units 14 Total units 15						

Junior Year							
5 th term			6 th term				
GLG 309	Mineralogy	4	GLG 324	Sedimentology & Stratigraphy	4		
CENE 383	Soil Mechanics & Foundations	4	GLG 350W	Geological Communication	3		
ME	Major Elective ***	3	GLG 315	Petrology	4		
LS	Liberal Studies	3	GLG 360	Applied Geology	4		
LS	Liberal Studies	3					
	Total units			Total units	15		

Senior Year							
7 th term				8 th term			
GLG 435	Structural Geology	4	1	GLG 470	Physics & Chemistry of Earth	3	
ME	Major Elective ***	4	1	GLG 440C	Advanced Geologic Field Methods	6	
LS/DIV	Liberal Studies/Diversity ****	3	3	LS	Liberal Studies	3	
LS	Liberal Studies	3	3	LS	Liberal Studies	3	
Total units			14		Total units	15)

Liberal Studies Distribution blocks

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

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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 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.

**** Take a liberal studies course that also satisfies a diversity requirement.

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

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