NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

# Bachelor of Science
# GEOLOGY: PALEONTOLOGY
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 | General Chemistry I (LS) | 4 | | MAT 136 | Calculus I (SAS) | 4 | |
| CHM 151L | General Chemistry Lab | 1 | | CHM 152 | General Chemistry II (SAS) | 3 | |
| General Elective | * | 4 | | CHM 152L | General Chemistry II Lab | 1 | |
| FYE 101 | First Year Experience | 1 | | ENG 105 | Critical Reading / Writing (FNRQ) | 4 | |
| | Total units | 14 | | | Total units | 16 | |

### Sophomore Year

| 3rd term | | | | 4th term | | | |
|---|---|---|---|---|---|---|---|
| GLG 240 | Introduction to Field Methods | 2 | | BIO 182 | Unity of Life II | 4 | |
| BIO 181:181L | Unity of Life I (SAS) | 4 | | PHY 262 or 112 | Physics II (SAS) ** | 3 | |
| MAT 137 | Calculus II (FNRQ) | 4 | | PHY 112L or General Elective | Physics II (PHY 262L is not required) | 1 | |
| PHY 161 or 111 | Physics I (SAS) ** | 3 | | Diversity | | 3 | |
| PHY 161L or 111L | Physics I Lab ** | 1 | | Liberal Studies | | 3 | |
| General Elective | | 2 | | General Elective | | 2 | |
| | Total units | 16 | | | Total units | 16 | |

### Junior Year

| 5th term | | | | 6th term | | | |
|---|---|---|---|---|---|---|---|
| GLG 309 | Mineralogy | 4 | | GLG 324 | Sedimentology. & Stratigraphy | 4 | |
| GLG 225 | Paleontology | 4 | | GLG 350W | Geological Communications | 3 | |
| Major Elective | *** | 3 | | GLG 315 | Petrology | 4 | |
| Liberal Studies | | 3 | | Liberal Studies | | 3 | |
| General Elective | | 1 | | General Elective | | 1 | |
| | | | | Meet with advisor prior to enrolling in 7th term | | | |
| | Total units | 15 | | | Total units | 15 | |

### Senior Year

| 7th term | | | | 8th term | | | |
|---|---|---|---|---|---|---|---|
| GLG 435 | Structural Geology | 4 | | GLG 470 | Physics and Chemistry of Earth | 3 | |
| Major Elective | *** | 4 | | GLG 440C | Advanced Geologic Field Methods | 6 | |
| Liberal Studies | | 3 | | Diversity | | 3 | |
| Liberal Studies | | 3 | | General Elective | | 2 | |
| Submit graduation application during 7th term | | | | | | | |
| | Total units | 14 | | | Total units | 14 | |

## 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, BIO 181 & BIO 182; 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 7 units from:

- At least one course from GLG 360, GLG 430 or GLG 451
- At least 3 additional units selected with your advisor's approval from BIO 221, 223, 373, and 415 and GLG 530 and 535

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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