NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science in Education
EARTH SCIENCE SECONDARY EDUCATION (I-STEP)

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	
MAT 125	Pre-Calculus (FNRQ)	4		EDF 200	Introduction to Education	3	
CHM 130 or 151	Chemistry (SCI: LAB)	4		ENG 105	Critical Reading and Writing (FNRQ)	4	
CHM 151L	General Chemistry Lab (SCI: LAB)	1		BIO 181	Unity of Life I (SCI: SAS)	3	
FYE 101	First Year Experience	1		BIO 181L	Unity of Life Lab	1	
	Total units	14			Total units	15	

Sophomore Year							
3rd term				**4th term**			
GLG 240	Intro Field Methods	2		GLG 304	Geology of Arizona	4	
GLG 225	Paleontology	4		PHY 111	General Physics I (SCI: SAS)	3	
BIO 182	Unity of Life II	4		PHY 111L	General Physics I Lab	1	
SE	Science Elective (SCI: SAS)**	4		*LS/DIV*	Liberal Studies/Diversity *	3	
LS	Liberal Studies	3		*LS*	Liberal Studies	3	
	Total units	17			Total units	14	

Junior Year							
5th term				**6th term**			
GLG 107	Oceanography	3		PHS 300W *or* GLG 350W	Science, Tech & Society or Geologic Communication & Topics	3	
GLG 430	Geomorphology	4		SCI 460C	Secondary Science Methods	3	
EPS 325	Educational Psychology in Middle School	3		POS 220	Federal & AZ Constitution ***	3	
GGR 461	Fundamentals of Weather and Climate	4		*LS/DIV*	Liberal Studies/Diversity *	3	
LS	Liberal Studies	3		*LS*	Liberal Studies	3	
Apply to teacher education program							
	Total units	17			Total units	15	

Senior Year							
7th term				**8th term**			
ECI 308 *or* SCI 308	Teaching Practicum	1		ECI 495C	Supervised Teaching	12	
ECI 322	Sec. School Curriculum	3					
BME 437	SEI Methods in Secondary Schools	3					
ECI 450	High School Teaching Methods	3					
ECI 465	Evaluation Of Learning: Secondary Ed	3					
SCI 461	Secondary Science Techniques	3					
	Total units	16			Total units	12	

Liberal Studies Distribution blocks

AHI (6 units)	SPW (6 units)	CU (6 units)	Science (7 units)	Additional 3 units to reach 35 total
			CHM 130 or 151 & 151 L (5)	
			BIO 181 (3)	PHY 111 (3)

Revised 1/3/2008

PROGRAM INFORMATION

I-STEP is a one-term integrated secondary teacher education plan completed during term 7

A minimum of 120 units are required for this degree.

Recitations are available and strongly encouraged for CHM 130, 151, PHY 111, BIO 181 and BIO 182; however they are not required.

* Take a Liberal Studies course that also satisfies a diversity requirement.

** Science elective include: 4 units of AST 180 and 181 **or** GLG 190 and 190L.

*** POS 220 or (POS 110 & 241) are not required courses, but will satisfy the Arizona certification requirement for federal and Arizona constitution. You may meet this requirement by demonstrating proficiency on a special exam.

You must have a grade point average of at least 2.5 in all of your NAU coursework in order to graduate.

To be accepted into the teacher education program for following criteria must be satisfied:

- Completed 45 units of coursework which includes:
  - ENG 101 & 102 or ENG 105 with a minimum cumulative English GPA of 3.0
  - If after completing the English above, you fall below a 3.0, you have two options
    - Repeat ENG 101, 102 or 105 to raise your GPA to 3.0. However if you earned a C in ENG 105, you must utilize the second option
    - Complete one or more of the following courses to replace the grade in ENG 101, 102 or 105 and raise the cumulative GPA to 3.0 – ENG 210, ENG 211, ENG 220, ENG 270, ENG 302 or ENG 310
  - MAT 125, MAT136 or acceptable equivalent with a minimum grade of C.
  - Completion of at least three units of content major work.
  - A minimum grade point average of 2.5 in all content major course work.
  - Declared a major.
- Completed EDF 200 or equivalent with a minimum grade of C
- Copy of fingerprint clearance card OR verification of application for fingerprint card
- Verification of application to NAU
- Completion of one of the following: cumulative 2.5 GPA in liberal studies courses or cumulative 2.5 GPA in all courses
- Recommendation form
- Evidence of completion of a teacher education orientation

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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