NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science in Education
CHEMISTRY
2006-2007 Undergraduate Catalog

Degree Progression Plan

Freshman Year							
1st term *				**2nd term**			
CHM 151	General Chemistry I	4		CHM 152	General Chemistry I	3	
CHM 151L	General Chemistry Lab	1		CHM 152L	General Chemistry II Lab	1	
ENG 105	Critical Reading and Writing (FNRQ)	4		EDF 200	Introduction to Education	3	
GLG 101	Physical Geology (LAB)	3		MAT 136	Calculus I (SAS)	4	
GLG 103	Physical Geology Lab (LAB)	1		BIO 181	Unity of Life (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**			
CHM 235	Organic Chemistry I	4		CHM 238	Organic Chemistry II	3	
CHM 235L	Organic Chemistry I Lab	1		CHM 238L	Organic Chemistry II Lab	2	
MAT 137	Calculus II (FNRQ)	4		POS 220	Federal & AZ Constitution ****	3	
PHY 161	University Physics I (SAS)	3		EPS 325	Ed-Psychology in Middle & High School	3	
PHY 161L	University Physics Lab	1		PHY 262	University Physics II (SAS)	3	
LS/DIV	Liberal Studies / Diversity ***	3		*LS*	Liberal Studies	3	
				Apply to teacher education program			
	Total units	16			Total units	17	

Junior Year							
5th term				**6th term**			
CHM 341	Physical Chemistry I	3		CHM 320	Analytical Chemistry	3	
CHM 350	Inorganic Chemistry I	3		CHM 320L	Analytical Chem. Lab	1	
JLWC	Junior Level Writing Course **	3		ECI 450	High School Teaching Methods	3	
BME 437	SEI Methods in Secondary School	3		SCI 460C	Secondary Science Methods	3	
ECI 322	Secondary School Curriculum	3		*LS*	Liberal Studies	3	
ECI 308 or SCI 308	Teaching Practicum	1		*LS/DIV*	Liberal Studies / Diversity ***	3	
	Total units	16			Total units	16	

Senior Year							
7th term				**8th term**			
CHM 461	Biochemistry I	3		ECI 495C	Supervised Teaching	12	
ECI 465	Evaluation Of Learning: Secondary	3					
SCI 461	Secondary Science Techniques	3					
BIO 430C	Science Teaching Methods	3					
LS	Liberal Studies	3					
	Total units	15			Total units	12	

- 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.

PROGRAM INFORMATION

A minimum of 120 units are required for this degree.

Recitations are available and strongly encouraged for CHM 151, CHM 152, CHM 235, CHM 238, PHY 161, and PHY 262, however they are not required.

* If you are not prepared to take MAT 136 in term 2, MAT 125 needs to be completed in term 1.

** Junior Level Writing Requirement is fulfilled by the completion of CHM 300W, ENG 302W, or ENG 305W

***Take a Liberal Studies course that also satisfied a Diversity requirement.

****POS 220 or POS110 & 241 are not required, but will satisfy the AZ certification requirement for federal and AZ 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.

You must have a grade of at lest a B for the English foundation requirement (ENG 105 or equivalent.) If you don't receive a 3.0, you may complete an additional writing course at the 200 level or above with at least a B to meet this requirement.

You must have a grade of at least C for the mathematics foundation requirement.

GENERAL INFORMATION

- 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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