

Bachelor of Science in Education in Physics: Secondary Education (I-STEP)

2006-2007 Undergraduate Catalog

Degree Progression Plan

Freshman Year							
1 st term				2 nd term			
PHY 161	University Physics I	3		PHY 262	University Physics II	3	
PHY 161L	University Physics I Lab	1		PHY 262L	University Physics II Lab	1	
MAT 136	Calculus I (SAS)	4		MAT 137	Calculus II (FNRQ)	4	
ENG 105	Critical Reading and Writing (FNRQ)	4		AST 180 or AST 183	Introduction to Astronomy or Life in the Universe (SAS)	3	
Diversity	Diversity	3		(AST 181 or 182) or AST 184L	Astronomy Lab	1	
PHY 103	First Year Seminar	1		LS	Liberal Studies	3	
Total units 1					Total units	15	5

Sophomore Year							
3 rd term			4 th term				
PHY 263	University Physics III	3	PHY 264	Electronics for Science Students	3		
EDF 200	Introduction to Education	3	EPS 325	Ed-Psychology in Middle & High School	3		
CHM 151	General Chemistry I (LAB)	4	CHM 152	General Chemistry II (SAS)	3		
CHM 151L	General Chemistry I Lab (LAB)	1	CHM 152L	General Chemistry II Lab	1		
Diversity	Diversity	3	LS	Liberal Studies	3		
GE	General Elective	1	GE	General Elective	3		
Total units				Total units	16		

Junior Year							
5 th term			6 th term				
CHM 295	Lab Safety and Supervision	2	PHY 361	Modern Physics	3		
POS 220	Federal & AZ Constitution *	3	PHY 333W	Advanced Lab	3		
LS	Liberal Studies	3	CHM 230	Fundamentals of Organic Chemistry (SAS)	3		
LS	Liberal Studies	3	CHM 230L	Fundamentals of Organic Chemistry Lab	1		
LS	Liberal Studies	3	SCI 308	Teaching Practicum	1		
GE	General Elective	3	SCI 461	Secondary Science Techniques	3		
Apply to teacher education program							
Total units		s 17		Total units	14		

Senior Year								
7 th term			8 th term					
ECI 322	Secondary School Curriculum	3	ECI 495C	Supervised Teaching	12			
BME 437	SEI Methods in Secondary Schools	3						
ECI 465	Evaluation of Learning	3						
ECI 450	High School Teaching Methods	3						
SCI 460C	Secondary Science Methods	3						
Total units				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.

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

* 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.

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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