NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science
PHYSICS
2005-2006 Undergraduate Catalog

8-Term Plan

Freshman Year

1st term				2nd 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	
Diversity		3		ENG 105	Critical Reading and Writing (FNRQ)	4	
Liberal Studies		3		Liberal Studies		3	
PHY 103	First Year Seminar	1					
	Total units	15			Total units	15	

Sophomore Year

3rd term				4th term			
PHY 263	University Physics III	3		PHY 264	Electronics for Science Students	3	
MAT 238	Calculus III	4		PHY 265	Introduction Computational Physics	3	
Diversity		3		MAT 239	Differential Equations	3	
Liberal Studies	***	4		Liberal Studies		3	
General Electives		1		Liberal Studies		3	
	Total units	15			Total units	15	

Junior Year

5th term				6th term			
PHY 321	Mechanics I	3		PHY 333W	Advanced Lab	3	
PHY 301	Methods of Analytical Physics ****	3		PHY 361	Modern Physics	3	
Liberal Studies		3		PHY 331	Electricity & Magnetics I	3	
General Elective		3		General Elective		3	
General Elective		3		General Elective		3	
				Meet with advisor prior to enrolling in 7th term			
	Total units	15			Total units	15	

Senior Year

7th term				8th term			
Senior Seminar	*	3		PHY 332	Electricity & Magnetics II	3	
PHY 471	Quantum Mechanics	3		Major Elective	**	3	
Major Elective	**	3		Liberal Studies		3	
General Elective		3		General Elective		3	
General Elective		3		General Elective		3	
Submit graduation application during 7th term							
	Total units	15			Total units	15	

PROGRAM INFORMATION

A minimum of 120 units are required for this degree.

*Senior seminar includes 3 units from: PHY 498C for 3 units **or** take one unit of 498C and two units of 485C.

**Major elective include 6 units of upper division physics or astronomy courses.

*** Chemistry is the recommended course for the Lab Science Block.

**** PHY 401 was changed to PHY 301. Either course will satisfy the requirement.

You may not count more than one grade below a C in a physics or astronomy course toward the major requirements for this degree.

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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