

**Degree Progression Plan**

Freshman Year					
1 <sup>st</sup> term			2 <sup>nd</sup> 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 (SCI: SAS) *	4	MAT 137	Calculus II (FNRQ) *	4
<i>DIV</i>	Diversity	3	ENG 105	Critical Reading and Writing (FNRQ)	4
<i>LS</i>	Liberal Studies	3	<i>LS</i>	Liberal Studies	3
PHY 103	First Year Seminar	1			
Total units			Total units		
15			15		

Sophomore Year					
3 <sup>rd</sup> term			4 <sup>th</sup> 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
<i>DIV</i>	Diversity	3	MAT 239	Differential Equations *	3
<i>LS</i>	Liberal Studies ****	4	<i>LS</i>	Liberal Studies	3
<i>GE</i>	General Electives	1	<i>LS</i>	Liberal Studies	3
Total units			Total units		
15			15		

Junior Year					
5 <sup>th</sup> term			6 <sup>th</sup> term		
PHY 321	Mechanics I	3	PHY 333W	Advanced Lab	3
PHY 301	Methods of Analytical Physics	3	PHY 361	Modern Physics	3
<i>LS</i>	Liberal Studies	3	PHY 331	Electricity & Magnetism I	3
<i>GE</i>	General Elective	3	<i>GE</i>	General Elective	3
<i>GE</i>	General Elective	3	<i>GE</i>	General Elective	3
Total units			Total units		
15			15		

Senior Year					
7 <sup>th</sup> term			8 <sup>th</sup> term		
CAP	Capstone Course **	3	PHY 332	Electricity & Magnetism II	3
PHY 471	Quantum Mechanics	3	PHY 441	Thermal & Statistical Physics	3
ME	Major Elective ***	3	<i>LS</i>	Liberal Studies	3
<i>GE</i>	General Elective	3	<i>LS</i>	Liberal Studies	3
<i>GE</i>	General Elective	3	<i>GE</i>	General Elective	3
Total units			Total units		
15			15		

Liberal Studies Distribution blocks

AHI (6 units)	SPW (6 units)	CU (6 units)	Science (7 units)	Additional 3 units to reach 35 total
			MAT 136 (4)	

## **PROGRAM INFORMATION**

A minimum of 120 units are required for this degree.

\* MAT 136, MAT 137, MAT 238, & MAT 239 are not required for this degree, but are pre-requisites for other courses.

\*\* Capstone Course includes one of the following:

- 3 units of PHY 498C or
- 1 unit of PHY 498C and 2 units of PHY 485C.

\*\*\*Major elective include 3 units of upper division physics or astronomy courses.

\*\*\*\* Chemistry is the recommended course for the SCI: LAB Block.

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 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 7<sup>th</sup> 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 7<sup>th</sup> 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/LScourcelist.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**

Department of Physics and Astronomy  
Building 19, Room 209  
Phone: 928-523-2661  
Department Chair: David Cornelison  
Phone: 928-523-7641  
EMAIL: [David.Cornelison@nau.edu](mailto:David.Cornelison@nau.edu)

Debbie Wildermuth  
Academic Services Coordinator  
College of Engineering and Natural Sciences  
Building 21, Room 102  
Phone: 928-523-3842  
EMAIL: [Debbie.Wildermuth@nau.edu](mailto:Debbie.Wildermuth@nau.edu)