

This is an example semester-by semester plan of study for Applied Physics, BA (269A), designed to prepare students for graduate work. It should be modified during consultation with a department advisor.

Shaded areas of plan require special attention.

Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
--------------------------	--------------	---------------------	-----------------------	---

**Semester One: [15 Credit Hours]**

ENG 1000	3			May take in fall or spring semester of first year
UCO 1200	3			May take in fall or spring semester of first year
PHY 1150	5		X	Also counts in Gen Ed Science Inquiry requirement
MAT 1110	4	C-	X	Also meets Gen Ed Quantitative Literacy requirement

**Semester Two: [15 Credit Hours]**

PHY 1151	5		X	Also counts in Gen Ed Science Inquiry requirement
MAT 1120	4	C-	X	
Gen Ed Perspective	3			Fine Arts Designation
Gen Ed Perspective	3			

**Semester Three : [15 Credit Hours]**

ENG 2001	3			May take in fall or spring semester of sophomore year
Foreign Language 1010	3			If test out of this level, take appropriate level (FL 1030 may be option for some languages)
PHY 2010	4	C	X	Min. grade C required for some upper level PHY courses
MAT 2130	4		X	
Gen Ed Wellness Literacy	1			

**Semester Four: [16 Credit Hours]**

Foreign Language 1020	3			If test out of this level, take appropriate level or Free Elective if language is complete
PHY 2020	4	C	X	Min. grade C required for some upper level PHY courses
PHY 2210	3		X	<b>[WID]</b>
PHY 3001	3	C	X	This is a required prerequisite for later required courses. This course counts as a part of the 6 hours PHY elective required in Area III. A on POS. (8 hours required if you took PHY 1103 & 1104 as intro PHY courses.)
MAT 3130	3		X	

**Semester Five: [15 Credit Hours]**

Foreign Language 1040	3			If test out of this level, take appropriate level or Free Elective if language is complete (FL 1060 may be an option for some lang)
PHY 3010	3		X	
PHY Elective	3		X	Area III. A on POS; Suggested courses: PHY 3210, 3211, 4020, 4620, 4640
Minor Course 1	3			
Gen Ed Perspective	3			Literary Studies Designation

This is an example semester-by semester plan of study for Applied Physics, BA (269A), designed to prepare students for graduate work. It should be modified during consultation with a department advisor.

Shaded areas of plan require special attention.

Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
--------------------------	--------------	---------------------	-----------------------	---

**Semester Six: [15 Credit Hours]**

Foreign Language 1050	3			Can count as Local to Global Perspective Performance of Culture OR Regions in Global Context theme; if language is complete take Free Elective
PHY 3020	3		X	
Minor Course 2	3			
Minor Course 3	3			
Gen Ed Perspective	3			Take one additional course in Local to Global Perspective themes "Performance of Culture" OR "Regions in Global Context" to fulfill a 6-hour theme with FL 1050.

**Semester Seven: [15 Credit Hours]**

CHE 1101 & 1110	4		X	
Minor Course 4	3			
Minor Course 5	4			
Gen Ed Perspective	3			Historical Studies Designation
Gen Ed Wellness Literacy	1			

**Semester Eight: [16 Credit Hours]**

PHY 4210	3		X	<b>CAPSTONE</b>
CHE 1102 & 1120	4		X	
Gen Ed Perspective	3			If Gen Ed is complete, take Free Elective
Minor Course 6	3			If needed for 18 hour minor; otherwise take Free Elective
Minor Course 7	3			If needed for 21 hour minor; otherwise take Free Elective; Take enough Free Electives to reach the minimum 122 required for the degree.

**General Requirements Summary**

Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
122	44	ENG 1000 and ENG 2001	2.0	2.0

**All PHY courses and all courses in Area III on Program of Study count in major GPA.**

\*Some minors require a 2.0 GPA. See Programs of Study for information.

This is an example semester-by semester plan of study for Applied Physics, BA (269A), designed to prepare students for graduate work. It should be modified during consultation with a department advisor.

Shaded areas of plan require special attention.

Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
--------------------------	--------------	---------------------	-----------------------	---

General Education Program Model - 44 Semester Hours Total		
Program Categories	Hours	Important Notes – <i>Be sure to check for Gen Ed courses required in your major</i>
First Year Seminar	3	Can be taken first or second semester of freshman year
Wellness Literacy	2	
Quantitative Literacy	4	
First Year Writing	3	Can be taken first or second semester of freshman year
Sophomore Writing	3	
Perspectives:	29	
Aesthetic	6 or 9	
Historical & Social	6 or 9	
Local to Global	6 or 9	
Science Inquiry	8	

**Additional Notes:**

- No more than 46 hours in PHY may be counted towards the degree.
- Minor outside Physics required for this degree.
- Foreign language requirement:
  - Student must take the Foreign Language Placement Test to determine starting course for the foreign language sequence.
  - If Foreign Language 1010 & 1020 taken for prerequisite purposes, they will count in place of 6 hours of Free Electives (3 hours per course).
  - FL 1050 may be used in both major and Gen Ed requirements. If used to fulfill a Gen Ed Perspective theme course, replace one “Gen Ed Perspective” with Free Elective.
  - FL 1030 may substitute for FL 1010 & 1020 for some languages; FL 1060 may substitute for FL 1040 & 1050 for some languages.
  - Foreign language classes can be taken in summer semesters.
- Residency Requirements:
  - 31 hours overall must be from ASU
  - 18 hours in the major must be from ASU
  - 9 hours in the minor must be from ASU