

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
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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	[WID]
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

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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	CAPSTONE
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.

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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