

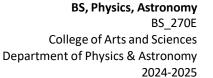


This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of guide require special attention.

	Credit	Min.	Included	Important Notes
Course Subject and Title		Grade	in Major	1
Course Subject and Title	Credit Hours		in Major GPA	Important Notes  POS = Program of Study

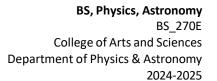
		Semest	er One: [1	.5-16 Credit Hours]	
RC 1000	3			May take in fall or spring semester of first year	
PHY 1123/1113 or 1170/1160 (Recommended)	4-5	C-	х	Also counts in <b>Gen Ed Science Inquiry</b> requirement (For PHY 1123/1113, CO: MAT 1020 or MAT 1025 or the equivalent. For PHY 1170/1160, CO: MAT 1110)	
MAT 1110	4	C-	х	Also meets <b>Gen Ed Quantitative Literacy</b> requirement ( <i>PRE: MAT 1025 or equivalent test score</i> ). If PHY 1123/1113 is chosen above and MAT 1020 or 1025 is chosen here, you will need to consult with your advisor regarding adjustment of your Math requirements for your degree plan.	
AST 1021/1011	4		Х		
		Semeste	er Two: [1	L5-16 Credit Hours]	
UCO 1200	3			May take in fall or spring semester of first year	
PHY 1124/1114 or 1180/1161 (Recommended)	4-5	C-	Х	Also counts in <b>Gen Ed Science Inquiry</b> requirement	
MAT 1120	4	C-	Х		
AST 1022/1012	4		Х		
		Semest	ter Three:	[15 Credit Hours]	
RC 2001	3			May take in fall or spring of sophomore year	
Gen Ed Wellness Literacy	1				
PHY 2010	4	C-	Х		
PHY 2110	3	С	Х	Min. grade C required for some upper level PHY courses	
AST 2001	3		Х		
PHY 2005	1		Х		
		Semes	ter Four:	[14 Credit Hours]	
PHY 2020	4	С	Х	Min. grade C required for some upper level PHY courses	
PHY Electives Course 1	3		х	Physics area on POS; A total of 9 hours required for students who took PHY 1170/1160 & 1180/1161 sequence; (A total of hours required for students who took PHY 1123/1113 & 1124/1114 sequence.)	
Integrative Learning Experience (ILE) Course 1	3			HS or LS or FA or SS Designation	
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation	
Gen Ed Wellness Literacy	1				
		Semest	er Five: [1	6-17 Credit Hours]	
PHY Electives Course 2	3-4		Х	<b>Physics</b> area on POS; A total of 9 hours required for students who took PHY 1170/1160 & 1180/1161 sequence; (A total of 11 hours required for students who took PHY 1123/1113 & 1124/1114 sequence)	





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Shaded areas of guide require special		<u> </u>	aciic iiccus	s must be considered in developing the individual plan.
Shaded dreas of Buide require special		Min.	Included	
Course Subject and Title	Credit	Grade	in Major	Important Notes
· · · · · · · · · · · · · · · · · · ·	Hours	Required	GPA	POS = Program of Study
MAT 2130	4		Х	
				Choice here will be determined based upon emphasis area
AST 3001 or Free Elective	3		X*	selection (Option 1 or 2 as listed under <b>Emphasis Area</b> on POS).
AST SOOT OF FIEE Elective	3		^	Please consult with your advisor. (*AST 3100 included in major
				GPA.)
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Free Elective	3			
		Seme	ster Six: [1	5 Credit Hours]
PHY 3310	3		Х	[WID] (Spring Only)
				Choice here will be determined based upon emphasis area
MAT 3130 or AST 3001	3		Х	selection (Option 1 or 2 as listed under <b>Emphasis Area</b> on POS).
				Please consult with your advisor.
				See <b>Emphasis Area</b> section on POS for list of approved courses.
Emphasis Area Course 1	3		Х	Your approved course listing will be determined by your choice
•				selection for your emphasis area (Option 1 or 2 as listed under
1.11 1.51 1.5				Emphasis Area on POS)(A total of 7 hours required).
Liberal Studies Experience Course 3	3			HS or LS or FA or SS Designation
Free Elective	3			
		Semester	Seven: [1	6 -17 Credit Hours]
PHY 4210	4		Х	CAPSTONE
				<b>Physics</b> area on POS; A total of 9 hours required for students
PHY Electives Course 3	3-4		Х	who took PHY 1170/1160 & 1180/1161 sequence; (A total of 11
				hours required for students who took PHY 1123/1113 &
				1124/1114 sequence.)
				See <b>Emphasis Area</b> section on POS for list of approved courses.
Emphasis Area Course 2	3		Х	Your approved course listing will be determined by your choice selection for your emphasis area (Option 1 or 2 as listed under
			Emphasis Area on POS)(A total of 7 hours required).	
ILE Course 2				
Liberal Studies Experience Course 4	3			
Liberal Studies Experience Course 4	) 	Comode	u Fiaber fe	2.15 Cradit Hours
		Semeste	LEIRUG [T	0-15 Credit Hours
				Choice here will be determined based upon emphasis area
AST 3002 or Free Elective	3		X*	selection (Option 1 or 2 as listed under <b>Emphasis Area</b> on POS).
				Please consult with your advisor. (*AST 3002 included in major GPA.)
				See <b>Emphasis Area</b> section on POS for list of approved courses.
	1	х	Your approved course listing will be determined by your choice	
Emphasis Area Course 3			selection for your emphasis area (Option 1 or 2 as listed under	
				Emphasis Area on POS)(A total of 7 hours required).
ILE Course 3	3			
Fron Florting				Take enough hours to meet the minimum 120 required to
Free Elective	3-8*			graduate





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Course Subject and Title		Grade	in Maior	
course subject and thee	Hours	Required	GPA	POS = Program of Study
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General Requirements Summary					
Minimum Total Gen Ed.		Minimum			
Hours Hours		Writing	Major GPA	Overall GPA	
120	44	RC 1000 and RC 2001	2.0	2.0	

## All PHY & AST courses and all courses in Major Requirements area on Program of Study count in the major GPA.

General Education Program Model - 44 Semester Hours Total				
Program Categories	Hours	Important Notes – Be sure to check for Gen Ed courses required in your major		
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			
Integrative Learning Experience	9	Must choose a minimum of two disciplines		
Liberal Studies Experience	12	Must choose a minimum of three disciplines		
Science Inquiry	8			

You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.

## **Additional Notes:**

- Please consult with your advisor to ensure you will complete the appropriate number of free electives as needed to reach the 120 total hours required for your degree.
- Residency Requirements:
  - o 30 hours must be from Appalachian State University
  - o 18 hours in the major must be from Appalachian State University
  - o 9 hours in the minor must be from Appalachian State University