

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.

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: [14-15 Credit Hours]**

UCO 1200	3			May take in fall or spring semester of first year
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
PHY 1123/1113 or 1170/1160 (Recommended)	4-5	C-	X	Also counts in <b>Gen Ed Science Inquiry</b> requirement ( <i>For PHY 1123/1113, CO: MAT 1020 or MAT 1025 or the equivalent. For PHY 1170/1160, CO: MAT 1110</i> )
MAT 1110	4	C-	X	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. ( <i>Corequisite course for PHY 1170/1160 if taken in this semester.</i> )

**Semester Two: [14-15 Credit Hours]**

RC 1000	3			May take in fall or spring semester of first year
PHY 1124/1114 or 1180/1161 (Recommended)	4-5	C-	X	Also counts in <b>Gen Ed Science Inquiry</b> requirement
MAT 1120	4	C-	X	<i>(Corequisite course for PHY 1180/1161 if taken in this semester.)</i>
Integrative Learning Experience Course 1	3			HS or LS or FA or SS Designation

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

RC 2001	3			May take in fall or spring semester of sophomore year ( <i>PRE: RC 1000</i> )
PHY 2010	4	C-	X	
PHY 2110	3	C	X	Min. grade C required for some upper level PHY courses ( <i>CO: PHY 2010</i> )
MAT 2130	4		X	<i>(Corequisite course for PHY 2010 and a prerequisite course for PHY 2020.)</i>
Gen Ed Wellness Literacy	1			

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

EDU 2000	3	C		Required for admission to Teacher Education
EDU 2100	3	C		Required for admission to Teacher Education
PHY 2020	4	C	X	Min. grade C required for some upper level PHY courses
CHE 1101 & 1110	4		X	<i>(PRE: MAT 1020 or equivalent test score. PRE or CO: CHE 1110 and corequisite MAT 1020 or higher if math prerequisite not met. )</i>
Gen Ed Wellness Literacy	1			

**Complete Teacher Education Admission application (Min 2.7 cumulative GPA required)**

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

EDU 3000	3	C		Admission to Teacher Education is required. Includes 40-hour field experience.
EDU 3100	3	C		Admission to Teacher Education is required. Includes 20-hour field experience.
BIO 1801	4		X	
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation; PSY 3010 is strongly recommended as a Liberal Studies Experience selection for secondary education majors.

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

PHY 3310	3		X	[WID]
PHY 3400	3		X	
PHY 3520	1		X	In-house field experience, roughly 25 hours
G S 4403	3	C	X	[WID] Includes 15-hour field experience.
Integrative Learning Experience Course 3	3			
Liberal Studies Experience Course 3	3			

**Semester Seven: [16-18 Credit Hours]**

PHY 3521	1		X	Includes 40-hour field experience.
GES 1101	4		X	
G S 4404	3	C	X	[WID]
PHY Elective	4-6*		X	*PHY Elective hours to reach 32 total hours in the Area of Specialization for Teaching Physics section of POS
Liberal Studies Experience Course 4	3			
Free Elective	1*			*You must take enough hours to reach the minimum 120 required for the degree, including EDU 4900

**Semester Eight: [12 Credit Hours]**

EDU 4900	12			<b>Capstone</b> ; Minimum 2.7 cumulative GPA required to do student teaching
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**General Requirements Summary**

Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
120	44	RC 1000 and RC 2001	2.0	2.7

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**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 – <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	
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	
<p>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.</p>		

**Additional Notes:**

- PSY 3010 is strongly recommended as a Liberal Studies Experience selection for secondary education majors.
- Reading & English proficiencies required.
- Admission to Teacher Education is required. To be admitted to the Teacher Education Program students must have a minimum 2.7 cumulative GPA and take & satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT).
- Graduation & licensure requires a cumulative 2.7 GPA.
- 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:
  - 30 hours must be from Appalachian State University
  - 18 hours in the major must be from Appalachian State University
  - 9 hours in the minor must be from Appalachian State University