

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 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: [14 Credit Hours]**

RC 1000	3			May be taken in Fall or Spring of first year
CHE 1101 & 1110	4		X	Also meets <b>Gen Ed Science Inquiry</b> requirement ( <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> )
MAT 1110	4	C-	X	Also meets <b>Gen Ed Quantitative Literacy</b> requirement ( <i>PRE: MAT 1025 or equivalent test score</i> )
Liberal Studies Experience (LSE) Course 1	3			HS or LS or FA or SS Designation

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

UCO 1200	3			May be taken in Fall or Spring semester of first year
CHE 1102 & 1120	4		X	Also meets <b>Gen Ed Science Inquiry</b> requirement ( <i>PRE: MAT 1020 or equivalent test score. PRE or CO: CHE 1120 and corequisite MAT 1020 or higher if math prerequisite is not met.</i> )
MAT 1120	4		X	
LSE Course 2	3			HS or LS or FA or SS Designation
Gen Ed Wellness Literacy	1			

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

Gen Ed Wellness Literacy	1			
Chemistry Elective Group Course 1 (CHE 2101 & 2102 or 2201 & 2203)	4		X	Need a minimum C- in 2101 as a prerequisite to CHE 4580 if chosen as an elective later; OR CHE 2201 & 2203 w/min grade C; this choice of organic courses will affect later Elective choices
PHY 1170 and 1160	5		X	PHY 1170/1160 and 1180/1161 must be completed prior to fall semester of junior year as prerequisite to CHE 3301 & 3303
EDU 2000	3	C		Required prior to admission to Teacher Education
EDU 2100	3	C		Required prior to admission to Teacher Education

**Complete Teacher Education Admission application (Min 2.7 cumulative GPA required)**
**Semester Four: [16 Credit Hours]**

RC 2001	3			
CHE 2210 & 2211	4		X	
PHY 1180 and 1161	5		X	Requires lab
Chemistry Elective Group Course 2	4		X	If CHE 2202 & 2204 not chosen, choose any CHE course & lab; In order to take CHE 4580 Biochemistry I later, CHE 2202 or 2101 with minimum grade of C- must be completed

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Semester Five: [14 Credit Hours]				
CHE 3301 & 3303	4		X	
CHE 3521	1		X	
EDU 3000	3	C		Required Admission to Teacher Education
Integrative Learning Experience (ILE) Course 1	3			HS or LS or FA or SS Designation
LSE Course 3	3			
Semester Six: [16 Credit Hours]				
ILE Course 2	3			
Chemistry Elective Group Course 3	3		X	CHE 4580 recommended – prerequisite: minimum grade of C- in CHE 2202 or 2101
BIO 1801	4		X	
EDU 3100	3	C		Required admission to Teacher Education
GS 4403	3	C	X	<b>[WID] NOTE: This course requires senior standing as a prerequisite. Students will have to see the department to obtain a permit to register for this course.</b>
Semester Seven: [17 Credit Hours]				
ILE Course 3	3			
LSE Course 4	3			HS or LS or FA or SS Designation
CHE 3000	1		X	<b>[WID]</b>
CHE 3404	3		X	Offered Fall semester only
GES 1101	4		X	
GS 4404	3	C	X	<b>[WID]</b>
Semester Eight: [12 Credit Hours]				
EDU 4900 Student Teaching	12		X	<b>Capstone</b> ; Minimum 2.7 cumulative GPA required to do student teaching

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

**All CHE courses and all courses in Major Requirements area on Program of Study count in major GPA.**

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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	
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:**

- 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.
- 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
- 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.