

TRANSFER GUIDE/BDP

BS, Biochemistry  
Appalachian State University  
2021-2022

[Department of Chemistry and Fermentation Sciences](#)  
[College of Arts & Sciences](#)  
[Program of Study](#)

HOW-TO Use the Transfer Guide/BDP

The Transfer Guides/BDPs have three sections:

1. The NC Community College courses are listed in the top yellow section. Recommended and/or preferred courses are provided, with the equivalent Appalachian courses listed. If a specific course is not listed, students should use the blue hyperlink to access the [Comprehensive Articulation Agreement \(CAA\) transfer course list](#). Students are welcome to choose any CAA course; however, students should choose courses that are available at their institution and satisfy their transfer degree requirements.
2. Appalachian courses are listed in the middle gray section. Students will work with an Appalachian advisor to develop an individual graduation plan.
3. Important transfer and major information is listed in the bottom white sections. Students should refer to these sections for information regarding program requirements and other important information the department would like students to be aware of.

**Please note** - Transfer Guides/BDPs are developed based on the approved curriculum for that catalog year. Depending on term of entry and the curriculum posted for that catalog year, programs of study may have changed.

Community College Coursework: 60 Transfer hours		Associate in Science			
Semester	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
Semester 1: 15 hours	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus Algebra	4	MAT 1020	Prereq for MAT 172
	BIO 111	Biology I	4	BIO 1801	Required for the major
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
	ACA 122	College Transfer Success	1		
		Semester hours	15		
Semester 2: 17 hours	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	MAT 172	Precalculus Trigonometry	4	MAT 1025	Prereq for MAT 271
	CHM 151	General Chemistry I	4	CHE 1101/1110	Required for the major
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
	<a href="#">UGETC</a>	Social Science	3		
		Semester hours	17		
Semester 3: 15 hours	CHM 152	General Chemistry II	4	CHE 1102/1120	Required for the major
	MAT 271	Calculus I	4	MAT 1110	Required for the major
	PHY 251	General Physics I	4	PHY 1150	Required for the major
	<a href="#">UGETC</a>	Social Science	3		
			Semester hours	15	
Semester 4: 14 hours	MAT 272	Calculus II	4	MAT 1120	Required for the major
	PHY 252	General Physics II	4	PHY 1151	Required for the major
	<a href="#">Pre-Major/Elective/GEC</a>		3		
	<a href="#">Pre-Major/Elective/GEC</a>		3		
			Semester hours	14	
		<b>Total AS degree hours</b>	<b>60</b>		

**Appalachian Course Work: 67 hours****Semester 5: 14 hours**

Appalachian Course	Course Name	Hours	Notes
CHE 2201 & 2203	Organic Chemistry I	4	
CHE 2210 & 2211	Quantitative Analysis	4	
Biochemistry Concentration Course		3	
Biochemistry Concentration Course		3	
Semester hours		14	

**Semester 6: 13 hours**

Appalachian Course	Course Name	Hours	Notes
CHE 2202 & 2204	Organic Chemistry II	4	
Biochemistry Concentration Course		3	
Biochemistry Concentration Course		3	
Free Elective/Minor Course		3	
Semester hours		13	

**Semester 7: 14 hours**

Appalachian Course	Course Name	Hours	Notes
CHE 3301 & 3303	Physical Chemistry I	4	Writing in the Discipline
CHE 3000	Intro to Chemical Research	1	
Biochemistry Concentration Course		3	
Biochemistry Concentration Course		3	
Free Elective/Minor Course		3	
Semester hours		14	

**Semester 8: 14 hours**

Appalachian Course	Course Name	Hours	Notes
CHE 4580 & 4581	Biochemistry I	4	
CHE 4000	Chemistry Seminar	1	
Biochemistry Concentration Course		3	
Free Elective/Minor Course		3	
Free Elective/Minor Course		3	
Semester hours		14	

**Semester 9: 12 hours**

Appalachian Course	Course Name	Hours	Notes
CHE 3404	Inorganic Chemistry	3	
CHE 4582	Biochemistry II	3	
Free Elective/Minor Course		3	
Free Elective/Minor Course		3	
Semester hours		12	
<b>Total Appalachian hours</b>		<b>67</b>	

**Applying to Appalachian:**

- A minimum cumulative GPA of 2.25, from all post-secondary coursework, is required for admission to Appalachian.
- Students interested in applying to Appalachian should submit an on-line application and official college transcripts to be considered for admission.

**Transfer Information:**

- A minor is optional for this degree.
- Students will work with an academic advisor, after transferring to Appalachian, to develop an individualized graduation plan.

**Transfer Resources:**

**Transfer Admissions & Engagement**  
**Office of Admissions**  
**Office of Financial Aid**  
**Scholarships**  
**Career Development**  
**University Housing**  
**Off-Campus Housing**  
**Campus Activities**

[transfer.appstate.edu](http://transfer.appstate.edu)  
[admissions.appstate.edu](http://admissions.appstate.edu)  
[financialaid.appstate.edu](http://financialaid.appstate.edu)  
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Questions, please call Transfer Admissions & Engagement at 828-262-7877