

TRANSFER GUIDE/BDP

BS, Biochemistry, 214K  
Appalachian State University  
2023-2024

[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 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 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 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: 61 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>	Humanities/Fine Arts	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>	Humanities/Fine Arts	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. See NOTE below about making up hours
	<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. See NOTE below about making up hours
	<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>61</b>		

**Appalachian Course Work: 61 hours****Semester 5: 15 hours**

Fall

Appalachian Course	Course Name	Hours	Notes
CHE 2201 & 2203	Organic Chemistry I & Lab	4	
CHE 2210 & 2211	Quantitative Analysis & Lab	4	
BIO 2400 or BIO 2700	Genetics or Human Genetics	3	
BIO 2410	Genetics Lab	1	
Biochemistry Elective 1		3	A total of 11-12 hours (3-4 courses) is required. See list on POS
Semester hours		15	

**Semester 6: 14 hours**

Spring

Appalachian Course	Course Name	Hours	Notes
CHE 2202 & 2204	Organic Chemistry II & Lab	4	
BIO 2600	Cell Biology	3	
BIO 2610	Cell Biology Lab	1	
Biochemistry Elective 2		3	
Free Elective		3	
Semester hours		14	

**Semester 7: 15 hours**

Fall

Appalachian Course	Course Name	Hours	Notes
CHE 3000	Intro to Chemical Research	1	Writing in the Discipline
CHE 3301 & 3303	Physical Chemistry I & Lab	4	
CHE 4580 & 4581	Biochemistry I & Lab	4	
CHE 3404	Inorganic Chemistry	3	Offered fall semester only
Free Elective		3	
Semester hours		15	

**Semester 8: 17 hours**

Spring

Appalachian Course	Course Name	Hours	Notes
CHE 4582	Biochemistry II	3	Offered spring semester only
CHE 4000	Chemistry Seminar	1	CAPSTONE
BIO 3800	Molecular Biology	4	
Biochemistry Elective 3		3	
Biochemistry Elective 4		3	
Free Elective		3	
Semester hours		17	
<b>Total Appalachian hours</b>		<b>61</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 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.
- Taking PHY 251 & 252 at the community college for PHY 1150 & 1151 leaves you 2 hours short in the major. Students will be required to make up 2 hours at App State by taking CHE course. See department for information.

**Transfer Resources:**

**Transfer Admissions & Engagement** [transfer.appstate.edu](http://transfer.appstate.edu)  
**Office of Admissions** [admissions.appstate.edu](http://admissions.appstate.edu)  
**Office of Financial Aid** [financialaid.appstate.edu](http://financialaid.appstate.edu)  
**Scholarships** [scholarships.appstate.edu](http://scholarships.appstate.edu)  
**Career Development** [careers.appstate.edu](http://careers.appstate.edu)  
**University Housing** [housing.appstate.edu](http://housing.appstate.edu)  
**Off-Campus Housing** [offcampushousing.appstate.edu](http://offcampushousing.appstate.edu)  
**Campus Activities** [campusactivities.appstate.edu](http://campusactivities.appstate.edu)

Questions, please call Transfer Admissions & Engagement at 828-262-7877

