

TRANSFER GUIDE/BDP

BS, Chemistry, Fermentation Sciences, 214I  
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 1: 15 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus Algebra	4	MAT 1020	Prereq for MAT 172
	BIO 111	General 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	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	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>	Social/Behavioral Sciences	3		
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
		Semester hours	17		
Semester 3: 15 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	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="#">Pre-major or Elective</a>		3		
		Semester hours	15		
Semester 4: 14 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	PHY 252	General Physics II	4	PHY 1151	Required for the major. See NOTE below about making up hours
	<a href="#">Pre-major or Elective</a>		3		
	<a href="#">MAT 272</a>	Calculus II	4	MAT 1120	Required for the major
	<a href="#">UGETC</a>	Social/Behavioral Sciences	3		
		Semester hours	14		
		<b>Total AS degree hours</b>	<b>61</b>		

Appalachian Course Work: 59-60 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 2600	Cell Biology	3	
	FER 2000	Social Implications of Fermented Beverages	1	Offered fall semester only
	Free Elective		3	
Semester hours			15	
Semester 6: 14-15 hours Spring	Appalachian Course	Course Name	Hours	Notes
	CHE 2202 & 2204	Organic Chemistry II & Lab	4	
	Fermentation Elective 1		3-4	A total of 2 courses required. See list on POS for options
	Free Elective		3	
	Free Elective		4	
Semester hours			14-15	
Semester 7: 15 hours Fall	Appalachian Course	Course Name	Hours	Notes
	CHE 3000	Introduction to Chemical Research	1	Writing in the Discipline
	CHE 3404	Inorganic Chemistry	3	Offered fall semester only
	CHE 3301 & 3303	Physical Chemistry I & Lab	4	
	BIO 3308	Microbiology	4	
	Fermentation Elective 2		3	
Semester hours			15	
Semester 8: 15 hours Spring	Appalachian Course	Course Name	Hours	Notes
	CHE 3560 & 3561	Instrumental Methods of Analysis & Lab	4	Offered spring semester only
	CHE 4000	Chemistry Seminar	1	CAPSTONE
	CHE 4580 & 4581	Biochemistry I & Lab	4	
	FER 3200	Bioprocessing II	3	Writing in the Discipline FER; Offered spring semester only
	Free Elective		3	Take enough hours to have a minimum 120 for graduation
Semester hours			15	
<b>Total Appalachian hours</b>			<b>59-60</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.
- Students hoping to attend a summer or fall term are encouraged to apply by February 15th and those hoping to attend in the spring are encouraged to apply by October 15th.

#### Transfer Information:

- NC community college students who complete the AS degree can expect two years to complete the BS 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

[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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[campusactivities.appstate.edu](http://campusactivities.appstate.edu)

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

