

TRANSFER GUIDE/BDP

BS, Chemistry, Fermentation Sciences
Appalachian State University
2022-2023

[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: 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
	UGETC	Humanity/Fine Art	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
	ECO 251	Microeconomics	3	ECO 2030	Required for the major
	UGETC	Humanity/Fine Art	3		
Semester hours			17		
Semester 3: 16 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
	BIO 265	Cell Biology	4	BIO 2600	Required for the major
	BIO 275	Microbiology	4	BIO 3800	Required for the major
Semester hours			16		
Semester 4: 13 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	Pre-major/Elective Course		3		
	ACC 120	Accounting I	4	ACC 2100	Will satisfy Accounting requirement for major
	BUS 110	Intro to Business	3	BUS 1050	Required for the major
	UGETC	Social Science	3		
Semester hours			13		
Total AS degree hours			61		

Appalachian Course Work: 63 hours				
Semester 5: 15 hours Fall	Appalachian Course	Course Name	Hours	Notes
	CHE 2101 & 2102	Fundamentals of Organic Chem & Lab	4	
	FER 1000	Principles of Fermentation Sciences	3	
	FER 2000	Social Implications of Fermented Beverages	1	Offered fall semester only
	FER 2100	Reading & Writing in Fermentation Sciences	3	
	STT 3850	Statistical Data Analysis I	4	
	Semester hours		15	
Semester 6: 17 hours Spring	Appalachian Course	Course Name	Hours	Notes
	CHE 2210 & 2211	Quantitative Analysis	4	
	FER 2200	Fermentations of the World	3	Offered spring and summer semesters only
	FER 3120	Fermentation Microbiology	4	Offered spring semester only
	MKT 3050	Principles of Marketing	3	
	Fermentation Elective 1		3	A total of 4 courses required from list on POS
	Semester hours		17	
Semester 7: 16 hours Fall	Appalachian Course	Course Name	Hours	Notes
	FER 3200	Facility Design & Operations	3	Writing in the Discipline
	FER 3100	Bioprocessing I	3	Offered in fall semester only
	Fermentation Elective 2		3	
	Focus Area Elective 1		4	A total of 7-8 hours (2 courses) is required from list on POS
	ENG 3700	Technical Writing	3	
	Semester hours		16	
Semester 8: 15 hours Spring	Appalachian Course	Course Name	Hours	Notes
	FER 4300 or 4900	Sensory Analysis OR Internship	3	CAPSTONE; at least 3 hours required; FER 4300 offered in spring semester only
	CHE 4580	Biochemistry I	3	
	Fermentation Elective 3		3	
	Fermentation Elective 4		3	
	Focus Area Elective 2		3	
	Semester hours		15	
Total Appalachian hours			63	

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.
- 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.

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
admissions.appstate.edu
financialaid.appstate.edu
scholarships.appstate.edu
careers.appstate.edu
housing.appstate.edu
offcampushousing.appstate.edu
campusactivities.appstate.edu

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

