

TRANSFER GUIDE/BDP

BS, Chemistry, Certified Chemist
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 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
	UGETC	Social Science	3		
	UGETC	Humanity/Fine Art	3		
	ACA 122	College Transfer Success	1		
Semester hours			14		
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
	UGETC	Humanity/Fine Art	3		
	UGETC	Social Science	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
	Pre-Major/Elective/GEC		3		
	Semester hours			15	
Semester 4: 15 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 272	Calculus II	4	MAT 1120	Required for the major
	PHY 252	General Physics II	4	PHY 1151	Required for the major
	Pre-Major/Elective/GEC		3		
	Pre-Major/Elective/GEC		3		
	Semester hours			14	
Total AS degree hours			60		

Appalachian Course Work: 60 hours**Semester 5: 14 hours**

Appalachian Course	Course Name	Hours	Notes
CHE 2201 & 2203	Organic Chemistry I	4	
CHE 2210 & 2211	Quantitative Analysis	4	
CS 1445	Introduction to Programming	3	
Free Elective		3	
Semester hours		14	

Semester 6: 14 hours

Appalachian Course	Course Name	Hours	Notes
CHE 2202 & 2204	Organic Chemistry II	4	
Other Science Course I		4	See program of study for course options
Free Elective		3	
Free Elective		3	
Semester hours		14	

Semester 7: 15 hours

Appalachian Course	Course Name	Hours	Notes
CHE 3301 & 3303	Physical Chemistry I	4	
CHE 3404 & 3405	Inorganic Chemistry	4	
CHE 4580	Biochemistry I	3	
CHE 3000	Intro to Chemical Research	1	
Free Elective		3	
Semester hours		15	

Semester 8: 17 hours

Appalachian Course	Course Name	Hours	Notes
CHE 3302 & 3304	Physical Chemistry II	4	
CHE 3560 & 3561	Instrumental Methods of Analysis	4	
CHE 4400	Senior Research	1	
CHE 4000	Chemistry Seminar	1	Permit will be needed to take CHE 4000 & CHE 4400 together
Other Science Course II		4	See program of study for course options
Free Elective		3	
Semester hours		17	
Total Appalachian hours		60	

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	transfer.appstate.edu
Office of Admissions	admissions.appstate.edu
Office of Financial Aid	financialaid.appstate.edu
Scholarships	scholarships.appstate.edu
Career Development	careers.appstate.edu
University Housing	housing.appstate.edu
Off-Campus Housing	offcampushousing.appstate.edu
Campus Activities	campusactivities.appstate.edu

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

