

TRANSFER GUIDE/BDP

BS, Biology, Cell & Molecular Biology  
Appalachian State University  
2022-2023

[Department of Biology](#)  
[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: 63 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	General Biology I	4	BIO 1801	Required for 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	Trigonometry	4	MAT 1025	Prereq for MAT 271
	BIO 112	General Biology II	4	BIO 1802	Required for major
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
		Semester hours		17	
Semester 3: 16 hours	MAT 271	Calculus I	4	MAT 1110	Required for major
	BIO 275	Microbiology	4	BIO 3308	Required for major
	CHM 151	General Chemistry I	4	CHE 1101/1110	Required for major
	PHY 151	College Physics I	4	PHY 1103	Required for major
		Semester hours		16	
Semester 4: 15 hours	MAT 152	Stats	4	STT 2820	Required for major
	CHM 152	General Chemistry II	4	CHE 1102/1120	Required for major
	PHY 152	College Physics II	4	PHY 1104	Required for major
	<a href="#">UGETC</a>	Social Science	3		
		Semester hours		15	
	<b>Total AS degree hours</b>		<b>63</b>		

<b>Appalachian Course Work: 61 hours</b>				
<b>Semester 5: 15 hours</b>	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	BIO 2400 OR 2700	Genetics or Human Genetics	3	
	BIO 2410 OR 2610	Genetics or Cell Laboratory	1	
	BIO 2012	Intro to Evolutionary Biology	3	
	BIO 2600	Cell Biology	3	
	BIO 2300	Biological Career Explorations	1	Should be completed 1st or 2nd semester at Appalachian
	CHE 2201/2203	Organic Chemistry I & Lab	4	
	Semester hours		15	
<b>Semester 6: 16 hours</b>	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	CHE 2202/2204	Organic Chemistry II & Lab+D102	4	
	BIO 3301, 3314 OR 4555	Anatomy & Physiology Course	4	
	BIO Evol/Ecology/Environmental Course		4	See program of study for course options
	BIO Cell/Subcellular or Anatomy & Physiology Elective 2		4	A total of 11-12 hours (3-4 courses) required. Your first course was BIO 275 (BIO 3308) at the community college. See program of study for course options
	Semester hours		16	
<b>Semester 7: 14 hours</b>	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	BIO 4580	Biochemistry I	3	
	BIO Cell/Subcellular or Anatomy & Physiology Elective 3		4	See program of study for course options
	BIO Cell/Subcellular or Anatomy & Physiology Elective 4		4	If this area is complete, take Free Electives.
	Free Elective		3	
	Semester hours		14	
<b>Semester 8: 16 hours</b>	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	CAPSTONE Course		3	See program of study for course options
	BIO 3800	Molecular Biology	4	
	Free Elective		3	
	Free Elective		3	
	Free Elective		3	Only take this if you will not have 120 hours total without it.
	Semester hours		16	
	<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 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:**

- A minor in Chemistry can be completed by adding CHE 4581.
- Students will work with an Appalachian advisor to develop an individual graduation plan after transferring to the University.

**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