

TRANSFER GUIDE

BS, Biology, Cell & Molecular Biology
Appalachian State University
2019-2020

Department of Biology
College of Arts & Sciences
Program of Study

Community College Coursework: 61 Transfer hours		Associate in Science					
Semester	Hours	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	
		UGETC	Humanity/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	
		UGETC	Social Science	3			
		UGETC	Humanity/Fine Arts	3			
			Semester hours		17		
Semester 3: 15 hours		MAT 271	Calculus I	4	MAT 1110	Required for major	
		BIO 275	Microbiology	4	BIO 3800	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		
			Total AS degree hours		61		
Semester 4: 14 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	
		UGETC	Social Science	3			
			Semester hours		15		
			Total AS degree hours		61		

Appalachian Course Work: 61 hours					
Semester	Hours	Appalachian Course	Course Name	Hours	Notes
Semester 5: 15 hours		BIO 2400 OR 2700	Genetics	3	
		BIO 2410 OR 2610	Lab	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	4	
			Semester hours		15
Semester 6: 16 hours		CHE 2202/2204	Organic Chemistry II	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 Anatoly & Physiology Elective		4	See program of study for course options
			Semester hours		16
Semester 7: 14 hours		BIO 4580	Biochemistry	3	
		BIO Cell/Subcellular or Anatoly & Physiology Elective		4	See program of study for course options
		BIO Cell/Subcellular or Anatoly & Physiology Elective		4	See program of study for course options
		Free Elective		3	
			Semester hours		14
Semester 8: 16 hours		CAPSTONE Course		3	See program of study for course options
		BIO Cell/Subcellular or Anatoly & Physiology Elective		4	See program of study for course options
		Free Elective		3	
		Free Elective		3	
		Free Elective		3	
			Semester hours		16
		Total Appalachian hours		61	

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.

Advising & Community College Course Selection:

- For UGETC, Pre-Major, Elective, or GEC course options please refer to the [Comprehensive Articulation Agreement transfer course list](#).
- Students should work with their community college academic advisor to ensure appropriate course selection for AA degree completion.

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:

Office of Transfer Services 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 the Office of Transfer Services at 828-262-7877