

TRANSFER GUIDE/BDP

BS, Geology, Quantitative Geoscience
Appalachian State University
2022-2023

[Department of Geological & Environmental 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: 62 Transfer hours		Associate in Science			
Semester 1: 14 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus	4	MAT 1020	Prerequisite 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	Trigonometry	4	MAT 1025	Prerequisite for MAT 271
	CHM 151	General Chemistry I	4	CHE 1101/1110	Required for the major
	UGETC	Social Science	3		
	UGETC	Humanity/Fine Art	3		
		Semester hours	17		
Semester 3: 15 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 271	Calculus I	4	MAT 1110	Required for the major
	CHM 152	General Chemistry II	4	CHE 1102/1120	Required for the major
	PHY 251	Physics I	4	PHY 1150	Required for the major
	Pre-Major/GEC/Elective		3		
		Semester hours	15		
Semester 4: 16 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 152	Statistics	4	STT 2820	Required for the major
	MAT 272	Calculus II	4	MAT 1120	Required for the major
	GEL 111 OR GEL 120	Geology or Physical Geology	4	GES 1101	Satisfies 1000-level Geology course
	PHY 252	Physics II	4	PHY 1151	Required for the major
			Semester hours	16	
		Total AS degree hours	62		

Appalachian Course Work: 62 hours				
Semester 5: 14 hours	Appalachian Course	Course Name	Hours	Notes
	GES 2250	Evolution of the Earth	4	
	GES/CHE 3310	Global Biochemical Cycles	3	
	MAT 2240 OR 3130		3	
	MAT 2130	Calculus III	4	
	Semester hours		14	
Semester 6: 14 hours	Appalachian Course	Course Name	Hours	Notes
	GES 2750	Preparation for Careers in the Earth & Environmental Careers	3	Writing in the Discipline
	GES 2751	Geology Field Methods	2	
	GES 4705	Engineering Geology	3	Offered spring semester only
	Geoscience Elective		3	At least 2 hours needed
	Free Elective		3	
	Semester hours		14	
Semester 7: 12 hours	Appalachian Course	Course Name	Hours	Notes
	GES 3150	Principles of Structural Geology & Tectonics	3	Offered fall semester only
	GES 3220	Fundamentals of Mineralogy	3	Offered fall semester only
	GES 3455	Quantitative Data Analysis	3	Offered fall semester only
	GES 4630	Hydrogeology	3	Offered fall semester only
	Semester hours		12	
Semester 8: 13-14 hours	Appalachian Course	Course Name	Hours	Notes
	GES 4210	Geology Seminar	1	CAPSTONE
	GES 3800	Sedimentology & Stratigraphy	3	Offered spring semester only
	GES 3715	Petrology & Petrography	3	Offered spring semester only
	PHY/GES 3160	Intro to Geophysics	3	Offered spring semester only
	Statistics & Computational Course		3-4	Choose course from list on POS
	Semester hours		13-14	
Summer: 6 hours	Appalachian Course	Course Name	Hours	Notes
	GES 4835	Summer Field Geology	6	
	Semester hours		6	
	Total Appalachian hours		59-60	

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.

Transfer Information:

- A minor is optional for this degree.
- Students will work with an Appalachian advisor, after transferring, to develop an individual 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