

TRANSFER GUIDE/BDP

BS, Geology, Quantitative Geoscience  
Appalachian State University  
2021-2022

[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	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
Semester 1: 14 hours	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus	4	MAT 1020	Prerequisite for MAT 172
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
	ACA 122	College Transfer Success	1		
Semester hours			14		
Semester 2: 17 hours	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
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
Semester hours			17		
Semester 3: 15 hours	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
	<a href="#">Pre-Major/GEC/Elective</a>		3		
Semester hours			15		
Semester 4: 16 hours	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	
<b>Total AS degree hours</b>			<b>62</b>		

Appalachian Course Work: 62 hours				
Semester 5: 14 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 2250	Evolution of the Earth	4	
	GES 4630	Hydrogeology	3	
	MAT 2240 OR 3130		3	
	MAT 2130	Calculus III	4	
	Semester hours		14	
Semester 6: 14 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 2750	Preparation for Careers in the Earth & Environmental Careers	3	
	GES 2751	Geology Field Methods	2	
	GES 3160	Intro to Geophysics	3	
	GES 4705	Engineering Geology	3	
	Geoscience Elective		3	
	Semester hours		14	
Semester 7: 15 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 3150	Principals of Structural Geology & Tectonics	3	
	GES 3220	Fundamentals of Mineralogy	3	
	GES/CHE 3310	Global Biochemical Cycles	3	
	GES 3455	Quantitative Data Analysis	3	
	Free Elective		3	
	Semester hours		15	
Semester 8: 13 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 4210	Geology Seminar	1	Capstone
	GES 3800	Sedimentology & Stratigraphy	3	
	GES 3715	Petrology & Petrography	3	
	PHY/GES 3160	Intro to Geophysics	3	
	Statistics & Computational Course		3	
	Semester hours		13	
Summer: 6 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 4835	Summer Field Geology	6	
	Semester hours		6	
	<b>Total Appalachian hours</b>		<b>62</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.

**Transfer Information:**

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

**Transfer Resources:**

**Online & Transfer Services** [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 Online & Transfer Services at 828-262-7877