

TRANSFER GUIDE/BDP

BS, Geology, Quantitative Geoscience, 259E  
 Appalachian State University  
 2023-2024

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 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 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 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			
<b>Semester 1</b>	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus	4	MAT 1020	Prerequisite for MAT 172
	<a href="#">UGETC</a>	Social/Behavioral Science	3		
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
	ACA 122	College Transfer Success	1		
	Semester hours		14		
<b>Semester 2</b>	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	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/Behavioral Science	3		
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
	Semester hours		17		
<b>Semester 3</b>	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	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		
<b>Semester 4</b>	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	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 Coursework: 59-60 hours				
<b>Semester 5</b>	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 2250	Evolution of the Earth	4	
	GES/CHE 3310	Global Biogeochemical Cycles	3	
	MAT 2240 OR 3130		3	
	MAT 2130	Calculus III	4	
	Semester hours		14	
<b>Semester 6</b>	<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	Writing in the Discipline
	GES 2751	Geology Field Methods I	2	
	GES 4705	Engineering Geology	3	Offered spring semester only
	Geoscience Elective		3	At least 2 hours needed
	Free Elective		3	
	Semester hours		14	
<b>Summer</b>	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	
	GES 3751	Geology Field Methods II	3	
	Semester hours		3	
<b>Semester 7</b>	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	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 for Earth & Environmental Scientists	3	Offered fall semester only
	GES 4630	Hydrogeology	3	Offered fall semester only
	Semester hours		12	
<b>Semester 8</b>	<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	Offered spring semester only
	GES 3715	Petrology & Petrography	3	Offered spring semester only
	PHY/GES 3160	Introduction to Geophysics	3	Offered spring semester only
	Statistics & Computational Course		3-4	Choose course from list on POS
	Semester hours		13-14	
<b>Summer</b>	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 4751	Geology Field Methods III	3	
	Semester hours		3	
	<b>Total Appalachian hours</b>		<b>59-60</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 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 is optional for this degree.
- Students will work with an Appalachian advisor, after transferring, to develop an individual graduation plan.

**Transfer Resources:**

<b>Transfer Admissions &amp; Engagement</b>	<a href="http://transfer.appstate.edu">transfer.appstate.edu</a>
<b>Office of Admissions</b>	<a href="http://admissions.appstate.edu">admissions.appstate.edu</a>
<b>Office of Financial Aid</b>	<a href="http://financialaid.appstate.edu">financialaid.appstate.edu</a>
<b>Scholarships</b>	<a href="http://scholarships.appstate.edu">scholarships.appstate.edu</a>
<b>Career Development</b>	<a href="http://careers.appstate.edu">careers.appstate.edu</a>
<b>University Housing</b>	<a href="http://housing.appstate.edu">housing.appstate.edu</a>
<b>Off-Campus Housing</b>	<a href="http://offcampushousing.appstate.edu">offcampushousing.appstate.edu</a>
<b>Campus Activities</b>	<a href="http://campusactivities.appstate.edu">campusactivities.appstate.edu</a>



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