

TRANSFER GUIDE/BDP

BS, Geology, Earth/Environmental Science, Secondary Education  
 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 OR PHY 151	General Chemistry I OR Physics I	4	CHE 1101/1110 OR PHY 1103	Required for the major - see transfer info below
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
		Semester hours	17		
Semester 3: 15 hours	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	MAT 271	Calculus I	4	MAT 1110	Required for the major
	CHM 152 OR PHY 152	General Chemistry II or Physics II	4	CHE 1102/1120 OR PHY 1104	Required for the major - see transfer info below
	AST 151/151A	Astronomy I	4	AST 1001	Required for the major
	<a href="#">Pre-Major/GEC/Elective</a>		3		
		Semester hours	15		
Semester 4: 16 hours	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	CHM or PHY	Chemistry or Physics	4		Required for the major - see transfer info below
	BIO 111	General Biology I	4	BIO 1801	Required for the major
	GEL 111 OR GEL 120	Geology or Physical Geology	4	GES 1101	Required for the major
	AST 152	Astronomy II	4	AST 1002	Required for the major
		Semester hours	16		
		<b>Total AS degree hours</b>	<b>62</b>		

Appalachian Course Work: 61 hours				
Semester 5: 16 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 1103	Environmental Change, Hazards & Resources	4	
	GES 1105	Oceanography	4	
	GES 2250	Evolution of the Earth	4	
	CI 2300	Teaching & Learning in the Digital Age	2	
	FDN 2400	Critical Perspectives in Teaching & Learning	2	
	Semester hours		16	
Semester 6: 18 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 2750	Preparation for Careers in the Earth & Environmental Sciences	3	
	GES 2751	Geology Field Methods	2	
	GES 3521	Secondary Science Field Experience	1	
	GS 4403	Teaching Science in Middle & High School	3	
	PSY 3010	Psychology Applied to Teaching	3	
	SPE 3300	Creating Inclusive Learning Communities	3	
	Free Elective		3	
	Semester hours		18	
Semester 7: 15 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 3220	Fundamentals of Mineralogy	3	
	GES 3333	Geomorphology	3	
	GS 4404	The Meaning & Nature of Science	3	
	GHY 3100	Weather & Climate	3	
	CI 3400	Educational Assessment	3	
	Semester hours		15	
Semester 8: 12 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	CI 4900	Student Teaching	12	Capstone
	Semester hours		12	
	<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:**
- Students should choose to take either CHM 151, CHM 152 & PHY 151 OR PHY 151, PHY 152 & CHM 151 to total 12 hours for the major.
  - A minor is optional for this degree.
  - Students will work with an Appalachian advisor, after transferring, to develop an individual graduation plan.

- Transfer Resources:**
- Online & Transfer Services** [transfer.appstate.edu](https://transfer.appstate.edu)
  - Office of Admissions** [admissions.appstate.edu](https://admissions.appstate.edu)
  - Office of Financial Aid** [financialaid.appstate.edu](https://financialaid.appstate.edu)
  - Scholarships** [scholarships.appstate.edu](https://scholarships.appstate.edu)
  - Career Development** [careers.appstate.edu](https://careers.appstate.edu)
  - University Housing** [housing.appstate.edu](https://housing.appstate.edu)
  - Off-Campus Housing** [offcampushousing.appstate.edu](https://offcampushousing.appstate.edu)
  - Campus Activities** [campusactivities.appstate.edu](https://campusactivities.appstate.edu)

Questions, please call Online & Transfer Services at 828-262-7877

