

TRANSFER GUIDE/BDP

BS, Environmental Science, Earth Systems  
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 1: 14 hours	<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 Science	3		
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
	ACA 122	College Transfer Success	1		
Semester hours			14		
Semester 2: 17 hours	<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 Science	3		
	<a href="#">UGETC</a>	Humanity/Fine Art	3		
Semester hours			17		
Semester 3: 15 hours	<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	
Semester 4: 16 hours	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	PHY 252	Physics II	4	PHY 1151	Will satisfy 3 hrs of additional environmental electives
	GEL 111 OR GEL 120	Geology OR Physical Geology	4	GES 1101	Required for the major
	BIO 111 OR 112	General Biology I OR II	4	BIO 1801 OR 1802	Required for the major
	MAT 272	Calculus II	4	MAT 1120	Will satisfy 3 hrs of additional environmental electives
	Semester hours			16	
<b>Total AS degree hours</b>			<b>62</b>		

Appalachian Course Work: 61 hours				
Semester 5: 13 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 1010	Intro to Environmental Sciences	3	
	GES 2250	Evolution of the Earth	4	
	GES 4630	Hydrogeology	3	
	Earth Systems Core Course I		3	
Semester hours			13	
Semester 6: 17 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	CHE/GES 3310	Global Biogeochemical Cycles	3	
	STT 3850	Statistical Data Analysis I	4	
	GES 2750	Preparation for careers in Earth & Environmental Sciences	3	Writing in the Discipline
	GES 2752	Environmental Science Field Methods	1	
	Earth Systems Core Course II		3	
Earth Systems Core Course III		3		
Semester hours			17	
Semester 7: 16 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 3455	Quantitative Data Analysis	3	
	BIO 3302	Ecology	4	
	GHY 3812	Graphic Information Systems	3	
	Earth Systems Core Course IV		3	
Earth Systems Core Course V		3		
Semester hours			16	
Semester 8: 16 hours	<b>Appalachian Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Notes</b>
	GES 4105	Analysis & Implications of Environmental Issues	1	Capstone
	Earth Systems Core Course VI		3	
	Earth Systems Core Course VII		3	
	Free Elective		3	
	Free Elective		3	
Free Elective		2		
Semester hours			15	
<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.

**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:**

**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

