

TRANSFER GUIDE/BDP

BS, Environmental Science, Earth Systems, 121C
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: 60 Transfer hours | | Associate in Science | | | |
|---|--|-------------------------------------|-----------|------------------------|--------------------------|
| Semester | NCCC Course | Course Name | Hours | Appalachian Equivalent | Notes |
| Semester 1 | ENG 111 | Writing & Inquiry | 3 | RC 1000 | |
| | MAT 171 | Precalculus | 4 | MAT 1020 | Prerequisite for MAT 172 |
| | UGETC | Social/Behavioral Science | 3 | | |
| | UGETC | Humanity/Fine Art | 3 | | |
| | ACA 122 | College Transfer Success | 1 | | |
| Semester hours | | | 14 | | |
| Semester 2 | 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/Behavioral Science | 3 | | |
| | UGETC | Humanity/Fine Art | 3 | | |
| Semester hours | | | 17 | | |
| Semester 3 | 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 | Pre-Major/GEC/Elective | | 3 | | |
| | 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 |
| | Pre-Major/GEC/Elective | | 3 | | |
| Semester hours | | | 14 | | |
| Total AS degree hours | | | 60 | | |

| Appalachian Coursework: 60 hours | | | | |
|----------------------------------|---------------------------------|---|--------------|---|
| Semester 5 | Appalachian Course | Course Name | Hours | Notes |
| | CHE/GES 3310 | Global Biogeochemical Cycles | 3 | |
| | GES 1010 | Introduction to Environmental Sciences | 3 | Offered fall semester only |
| | GES 2250 | Evolution of the Earth | 4 | |
| | Earth Systems Core Course 1 | | 3 | A total of 21 hours (7 courses) is required from list on POS |
| | Earth Systems Core Course 2 | | 3 | |
| Semester hours | | | 16 | |
| Semester 6 | Appalachian Course | Course Name | Hours | Notes |
| | STT 2820 or 3820 | | 4 | |
| | GES 2750 | Preparation for Careers in the Earth & Environmental Sciences | 3 | Writing in the Discipline |
| | GES 2752 | Environmental Science Field Methods | 1 | |
| | Earth Systems Core Course 3 | | 3 | |
| | Earth Systems Core Course 4 | | 3 | |
| Semester hours | | | 14 | |
| Semester 7 | Appalachian Course | Course Name | Hours | Notes |
| | GES 3455 | Quantitative Data Analysis for Earth & Environmental Scientists | 3 | Offered in fall semester only |
| | Environmental Elective Course 1 | | 3 | A total of 6 hours (2 courses) is required from the list on POS |
| | GHY/PLN 2812 | Geospatial Technology in a Changing World | 3 | |
| | Earth Systems Core Course 5 | | 3 | |
| | Earth Systems Core Course 6 | | 3 | |
| Semester hours | | | 15 | |
| Semester 8 | Appalachian Course | Course Name | Hours | Notes |
| | GES 4105 | Analysis & Implications of Environmental Issues | 1 | CAPSTONE |
| | Earth Systems Core Course 7 | | 3 | |
| | GES 4630 | Hydrogeology | 3 | Offered fall semester only |
| | Environmental Elective Course 2 | | 3 | |
| | Free Elective | | 3 | |
| | Free Elective | | 2 | |
| Semester hours | | | 15 | |
| Total Appalachian hours | | | 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 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:

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|---|--|
| 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