

TRANSFER GUIDE/BDP

BS, Mathematics, Secondary Education, 2601  
Appalachian State University  
2023-2024

[Department of Mathematical Sciences](#)  
[College of Arts & Sciences](#)  
[Program of Study](#)

It is recommended that students start Appalachian coursework in the summer. Students should apply for the summer I term.

**HOW-TO Use the Transfer Guide/BDP**

The Transfer Guides/BDPs have three sections:

1. The NC Community College courses are listed in the 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 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 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: 60 Transfer hours |  | Associate in Science in Teacher Prep |              |                               |  |
|---|--|--------------------------------------|--------------|-------------------------------|--|
| <b>Semester 1: 15 hours</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   |
|   | EDU 187                                | Teaching & Learning for All          | 4            | EDU 2000                      |  |
|   | <a href="#">UGETC</a>                  | Humanity/Fine Art                    | 3            |                               |  |
|   | ACA 122                                | College Transfer Success             | 1            |                               |  |
|   |  | Semester hours                       | 15           |                               |  |
| <b>Semester 2: 16 hours</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   |
|   | EDU 216                                | Foundations of Education             | 3            | EDU 2100                      |  |
|   | <a href="#">Pre-Major/GEC/Elective</a> |                                      | 3            |                               |  |
|   | <a href="#">UGETC</a>                  | Humanity/Fine Art                    | 3            |                               |  |
|   |  | Semester hours                       | 16           |                               |  |
| <b>Semester 3: 15 hours</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   |
|   | EDU 279                                | Literary Development & Instruction   | 4            | EDU ELEC                      |  |
|   | SOC 225                                | Social Diversity                     | 3            | SOC ELEC                      |  |
|   | <a href="#">UGETC</a>                  | Science                              | 4            |                               |  |
|   |  | Semester hours                       | 15           |                               |  |
| <b>Semester 4: 14 hours</b>                     | <b>NCCC Course</b>                     | <b>Course Name</b>                   | <b>Hours</b> | <b>Appalachian Equivalent</b> | <b>Notes</b>   |
|   | MAT 272                                | Calculus II                          | 4            | MAT 1120                      | Required for the major   |
|   | EDU 250                                | Teacher Licensure Program            | 3            | EDU ELEC                      | Students should pass the Praxis CORE tests required for admission to Teacher Education at Appalachian during or just after this course is completed. |
|   | <a href="#">UGETC</a>                  | Science                              | 4            |                               |  |
|   | <a href="#">UGETC</a>                  | Social Science                       | 3            |                               |  |
|   |  | Semester hours                       | 14           |                               |  |
|   |  | <b>Total ASTP degree hours</b>       | <b>60</b>    |                               |  |

| Appalachian Course Work: 61 hours     |                           |  |              |   |
|---------------------------------------|---------------------------|--|--------------|---|
| <b>Summer: 6 hours</b>                | <b>Appalachian Course</b> | <b>Course Name</b>                                 | <b>Hours</b> | <b>Notes</b>  |
|                                       | MAT 2240                  | Linear Algebra                                     | 3            |   |
|                                       | PSY 3010                  | Psychology Applied to Teaching                     | 3            |   |
|                                       | Semester hours            |  | 6            |   |
| <b>Semester 5: 15 hours</b><br>Fall   | <b>Appalachian Course</b> | <b>Course Name</b>                                 | <b>Hours</b> | <b>Notes</b>  |
|                                       | MAT 2110 or 2510          | Techniques & Proofs                                | 4            |   |
|                                       | STT 4811                  | Statistical Concepts & Applications                | 3            | Offered fall semester only  |
|                                       | MAT 3010                  | Survey in the History of Math                      | 2            | Offered fall semester only  |
|                                       | MAT 3310                  | Discrete & Continuous Math Models                  | 3            | Offered fall semester only  |
|                                       | EDU 3000                  | Creating Inclusive Learning Communities            | 3            |   |
| Semester hours                        |                           | 15   |              |   |
| <b>Semester 6: 15 hours</b><br>Spring | <b>Appalachian Course</b> | <b>Course Name</b>                                 | <b>Hours</b> | <b>Notes</b>  |
|                                       | STT 4812                  | Statistical Concepts & Applications w/ Probability | 3            |   |
|                                       | MAT 3015                  | Junior Seminar                                     | 3            |   |
|                                       | MAT 3110 OR 3220          |  | 3            | Writing in the Discipline   |
|                                       | MAT 3610                  | Intro to Geometry                                  | 3            | Offered spring semester only  |
|                                       | Math Approved Elective 1  |  | 3            | A total of 6 hours (2 courses) required, at least 3 hours at 4000 level |
| Semester hours                        |                           | 15   |              |   |
| <b>Semester 7: 13 hours</b><br>Fall   | <b>Appalachian Course</b> | <b>Course Name</b>                                 | <b>Hours</b> | <b>Notes</b>  |
|                                       | MAT 4015                  | Advanced Seminar                                   | 3            | Offered fall semester only  |
|                                       | MAT 3520                  | Instructional Assistant                            | 1            |   |
|                                       | Math Approved Elective 2  |  | 3            |   |
|                                       | EDU 3100                  | Assessment for Learning                            | 3            |   |
|                                       | CI 4085                   | Teaching High School Math                          | 3            | Offered fall semester only. Minimum grade C/2.0 required                |
| Semester hours                        |                           | 13   |              |   |
| <b>Semester 8: 12 hours</b><br>Spring | <b>Appalachian Course</b> | <b>Course Name</b>                                 | <b>Hours</b> | <b>Notes</b>  |
|                                       | EDU 4900                  | Student Teaching                                   | 12           |   |
|                                       | 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 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 1st and those hoping to attend in the spring are encouraged to apply by October 15th.

#### Transfer Information:

- Admission to the College of Education is required. Students must have a 2.7 Appalachian GPA to graduate.
- Students will work with an Appalachian advisor, after transferring, to develop an individual graduation plan.

**Community college graduates must obtain a grade of "C" or better in each course and an overall GPA of at least 2.7 on a 4.0 scale to transfer with a junior status, per the state-wide articulation agreement.**

#### Additional Praxis CORE Testing Information:

- \* Please visit the Apply to Teacher Education website for additional information about possible exemption from the Praxis CORE based on ACT or SAT scores.
- \* Please visit the James Center for Academic Advising Testing Resources website for additional information and resources related to preparing for the Praxis CORE.

#### Transfer Resources:

**Transfer Admissions & Engagement** [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 Transfer Admissions & Engagement at 828-262-7877

