

TRANSFER GUIDE/BDP

BS, Physics, Secondary Education Licensure, 270C
Appalachian State University
2023-2024

[Department of Physics & Astronomy](#)
[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 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: 61 Transfer hours | | Associate in Science in Teacher Prep | | | |
|---|-----------------------|--------------------------------------|----------------|------------------------|--|
| Semester | NCCC Course | Course Name | Hours | Appalachian Equivalent | Notes |
| Semester 1: 15 hours | ENG 111 | Writing & Inquiry | 3 | RC 1000 | |
| | UGETC | Humanities/Fine Arts | 3 | | |
| | GEL 111 | Physical Geology | 4 | GLY 1101 | Required for the major |
| | EDU 187 | Teaching & Learning for All | 4 | EDU 2000 | |
| | ACA 122 | College Transfer Success | 1 | | |
| | | | Semester hours | 15 | |
| Semester 2: 16 hours | ENG 112 | Writing/Research in the Disciplines | 3 | RC 2001 | |
| | UGETC | Social Science | 3 | | |
| | BIO 111 | General Biology I | 4 | BIO 1801 | Required for the major |
| | EDU 216 | Foundations of Education | 3 | EDU 2100 | |
| | Communication course | COM 120 OR COM 231 | 3 | COM 2121 or COM 2105 | |
| | | | Semester hours | 16 | |
| Semester 3: 16 hours | MAT 271 | Calculus I | 4 | MAT 1110 | Required for the major - prerequisite to MAT 272 |
| | CHM 151 | General Chemistry I | 4 | CHE 1101/1110 | Required for the major |
| | PHY 251 | Physics I | 4 | PHY 1150 | Required for the major |
| | EDU 279 | Literary Development & Instruction | 4 | EDU ELEC | |
| | | | Semester hours | 16 | |
| Semester 4: 14 hours | MAT 272 | Calculus II | 4 | MAT 1120 | Required for the major - prerequisite to MAT 2130, Calculus III |
| | PHY 252 | Physics II | 4 | PHY 1151 | Required for the major |
| | SOC 225 | Social Diversity | 3 | SOC Elective | |
| | EDU 250 | Teacher Licensure Preparation | 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. |
| | | | Semester hours | 14 | |
| | | Total AS degree hours | 61 | | |

| Appalachian Course Work: 59-61 hours | | | | |
|--------------------------------------|--|--|--------------|--|
| Semester 5: 17 hours | Appalachian Course | Course Name | Hours | Notes |
| | PHY 2010 | Intermediate Physics I | 4 | Offered fall semester only |
| | MAT 2130 | Calculus III | 4 | |
| | PHY 2110 | Modern Physics I | 3 | Offered fall semester only |
| | EDU 3000 | Creating Inclusive Learning Communities | 3 | |
| | Free Elective | | 3 | |
| Semester hours | | | 17 | |
| Semester 6: 15-17 hours | Appalachian Course | Course Name | Hours | Notes |
| | PHY 2020 | Intermediate Physics II | 4 | Offered spring semester only |
| | PHY 3310 | Physics Lab Techniques and Data Analysis | 3 | Writing in the Discipline; Offered spring semester only |
| | PHY 3400 | Physics Instruction Practicum | 3 | |
| | PHY 3520 | Instructional Assistant | 1 | |
| | PHY/AST Elective | | 1-3 | Take enough hours to earn a minimum of 32 hours in PHY |
| GS 4403 | Teaching Science in Middle & High School | 3 | | |
| Semester hours | | | 15-17 | |
| Semester 7: 15 hours | Appalachian Course | Course Name | Hours | Notes |
| | PHY/AST Elective | | 3 | Take enough hours to earn a minimum of 32 hours in PHY |
| | PHY 3521 | Secondary Science Field Experience | 1 | |
| | EDU 3100 | Assessment for Learning | 3 | |
| | GS 4404 | The Meeting of Nature & Science | 3 | Offered fall semester only |
| | Free Elective | | 5 | Take enough Free Electives to ensure you will have 120 hours to graduate |
| Semester hours | | | 15 | |
| Semester 8: 12 hours | Appalachian Course | Course Name | Hours | Notes |
| | EDU 4900 | Student Teaching | 12 | Capstone |
| Semester hours | | | 12 | |
| Total Appalachian hours | | | 59-61 | |

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.

Advising & Community College Course Selection:

- For UGETC, Pre-Major, Elective, or GEC course options please refer to the [Comprehensive Articulation Agreement transfer course list](#).

Transfer Information:

- Admission to teacher education is required. Students must have a 2.7 Appalachian GPA to be admitted to teaching education and maintain that GPA to be eligible for graduation and licensure.
- 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
- 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