

TRANSFER GUIDE/BDP

BS, Physics, Secondary Education Licensure
 Appalachian State University
 2022-2023

[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 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: 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: 54-56 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: 14-16 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		0-2	Take enough hours to earn a minimum of 32 hours in PHY
	GS 4403	Teaching Science in Middle & High School	3	
Semester hours			14-16	
Semester 7: 16 hours	Appalachian Course	Course Name	Hours	Notes
	PHY 4210	Methods of Experimental Physics	4	Capstone
	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			16	
Semester 8: 12 hours	Appalachian Course	Course Name	Hours	Notes
	EDU 4900	Student Teaching	12	Capstone
Semester hours			12	
Total Appalachian hours			54-56	

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:

- 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