

TRANSFER GUIDE/BDP

BA, Physics  
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: 60 Transfer hours		Associate in Science			
Semester 1: 15 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus Algebra	4	MAT 1020	Prerequisite for MAT 172
	CHM 151	General Chemistry I	4	CHE 1101/1110	Required for the major
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
	ACA 122	College Transfer Success	1		
Semester hours			15		
Semester 2: 17 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	MAT 172	Trigonometry	4	MAT 1025	Prerequisite for MAT 271
	CHM 152	General Chemistry II	4	CHE 1102/1120	Required for the major
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
	<a href="#">UGETC</a>	Social Science	3		
Semester hours			17		
Semester 3: 14 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 271	Calculus I	4	MAT 1110	Required for the major - prerequisite to MAT 272
	PHY 251	General Physics I	4	PHY 1150	Required for the major
	FL 1010	Elementary Foreign Language I	3	FL 1010	Required for the major
	<a href="#">UGETC</a>	Social Science	3		
Semester hours			14		
Semester 4: 14 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 272	Calculus II	4	MAT 1120	Required for the major - prerequisite to MAT 2130, Calculus III
	PHY 252	General Physics II	4	PHY 1151	Required for the major
	FL 1020	Elementary Foreign Language II	3	FL 1020	Required for the major
	<a href="#">Pre-Major/GEC/Elective</a>		3		
Semester hours			14		
<b>Total AS degree hours</b>			<b>60</b>		

Appalachian Course Work: 64 hours				
Semester 5: 15 hours	Appalachian Course	Course Name	Hours	Notes
	PHY 2010	Intermediate Physics I	4	Offered fall semester only
	PHY 2005		1	Offered fall semester only
	MAT 2130	Calculus III	4	
	Minor Course 1		3	
	FL 1040	Intermediate Foreign Language I	3	
	Semester hours		15	
Semester 6: 16 hours	Appalachian Course	Course Name	Hours	Notes
	PHY 2020	Intermediate Physics II	4	Offered spring semester only
	PHY 3001		3	A total of 4-6 hours (1-2 courses) of PHY electives is required. PHY 3001 is a prereq to PHY 3010
	MAT 3130	Introduction to Differential Equations	3	
	FL 1050	Intermediate Foreign Language II	3	
	Minor Course 2		3	
	Semester hours		16	
Semester 7: 12 hours	Appalachian Course	Course Name	Hours	Notes
	PHY 3010	Classical Mechanics	3	Offered fall semester only
	Minor Course 3		3	
	Minor Course 4		3	
	Minor Course 5		3	
	Semester hours		12	
Semester 8: 13-15 hours	Appalachian Course	Course Name	Hours	Notes
	PHY 3020	Electromagnetism	3	Offered spring semester only
	PHY 3310	Physics Lab Techniques and Data Analysis	3	Writing in the Discipline; Offered spring semester only
	PHY Elective Course 2		3	If PHY electives are complete, take Free Elective
	Minor Course 6		3	
	Free Elective		1-3	Be sure to take enough hours to reach 120 to graduate
	Semester hours		13-15	
Summer: 4 hours	Appalachian Course	Course Name	Hours	Notes
	PHY 4210	Methods of Experimental Physics	4	Capstone
			4	
	<b>Total Appalachian hours</b>		<b>60-62</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.
- 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:**

- A minor is required for this degree.
- Students will work with an Appalachian advisor, after transferring, to develop an individual graduation plan.

**Transfer Resources:**

<b>Transfer Admissions &amp; Engagement</b>	<a href="http://transfer.appstate.edu">transfer.appstate.edu</a>
<b>Office of Admissions</b>	<a href="http://admissions.appstate.edu">admissions.appstate.edu</a>
<b>Office of Financial Aid</b>	<a href="http://financialaid.appstate.edu">financialaid.appstate.edu</a>
<b>Scholarships</b>	<a href="http://scholarships.appstate.edu">scholarships.appstate.edu</a>
<b>Career Development</b>	<a href="http://careers.appstate.edu">careers.appstate.edu</a>
<b>University Housing</b>	<a href="http://housing.appstate.edu">housing.appstate.edu</a>
<b>Off-Campus Housing</b>	<a href="http://offcampushousing.appstate.edu">offcampushousing.appstate.edu</a>
<b>Campus Activities</b>	<a href="http://campusactivities.appstate.edu">campusactivities.appstate.edu</a>

