

TRANSFER GUIDE

BS, Physics, Applied Physics  
Appalachian State University  
2019-2020

Department of Physics & Astronomy  
College of Arts & Sciences  
Program of Study

Community College Coursework: 61 Transfer hours		Associate in Science			
Semester	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
Semester 1: 14 hours	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus Algebra	4	MAT 1020	Prerequisite for MAT 172
	UGETC	Social Science	3		
	UGETC	Humanity/Fine Art	3		
	ACA 122	College Transfer Success	1		
Semester hours			14		
Semester 2: 13 hours	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	MAT 172	Trigonometry	4	MAT 1025	Prerequisite for MAT 271
	UGETC	Humanity/Fine Art	3		
	UGETC	Social Science	3		
	Semester hours			13	
Semester 3: 17 hours	MAT 271	Calculus I	4	MAT 1110	Required for the major - prerequisite to MAT 272
	PHY 251	Physics	4	PHY 1150	Required for the major
	Pre-Major/GEC/Elective		3		
	Pre-Major/GEC/Elective		3		
	Pre-Major/GEC/Elective		3		
Semester hours			17		
Semester 4: 17 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
	Pre-Major/GEC/Elective		3		
	Pre-Major/GEC/Elective		3		
	Pre-Major/GEC/Elective		3		
Semester hours			17		
<b>Total AS degree hours</b>			<b>61</b>		

Appalachian Course Work: 61 hours					
Semester	Appalachian Course	Course Name	Hours	Appalachian Equivalent	Notes
Semester 5: 17 hours	PHY 2010	Intermediate Physics I	4		
	PHY 2110	Modern Physics I	3		
	MAT 2130	Calculus III	4		
	Emphasis Area I		3		
	Emphasis Area II		3		
Semester hours			17		
Semester 6: 16 hours	PHY 2020	Intermediate Physics II	4		
	PHY 2210	Physics Lab Techniques and Data Analysis	3	Writing in the Discipline	
	Emphasis Area III		3		
	Emphasis Area IV		3		
	PHY/AST Elective		3		
Semester hours			16		
Semester 7: 15 hours	Emphasis Area V		3		
	Emphasis Area VI		3		
	PHY/AST Elective		3		
	PHY/AST Elective		3		
	Free Elective		3		
Semester hours			15		
Semester 8: 13 hours	PHY 4210	Methods of Experimental Physics	4	Capstone	
	Emphasis Area VII		3		
	Emphasis Area VIII		3		
	PHY/AST Elective		3		
	Semester hours			13	
<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 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.

**Advising & Community College Course Selection:**

- For UGETC, Pre-Major, Elective, or GEC course options please refer to the [Comprehensive Articulation Agreement transfer course list](#).
- Students should work with their community college academic advisor to ensure appropriate course selection for AA degree completion.

**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:**

- Office of Transfer Services [transfer.appstate.edu](http://transfer.appstate.edu)
- Office of Admissions [admissions.appstate.edu](http://admissions.appstate.edu)
- Office of Financial Aid [financialaid.appstate.edu](http://financialaid.appstate.edu)
- Scholarships [scholarships.appstate.edu](http://scholarships.appstate.edu)
- Career Development [careers.appstate.edu](http://careers.appstate.edu)
- University Housing [housing.appstate.edu](http://housing.appstate.edu)
- Off-Campus Housing [offcampushousing.appstate.edu](http://offcampushousing.appstate.edu)
- Campus Activities [campusactivities.appstate.edu](http://campusactivities.appstate.edu)

