

TRANSFER GUIDE

BA, Physics
Appalachian State University
2019-2020

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

Community College Coursework: 60 Transfer hours		Associate in Science				
Semester	Hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
Semester 1: 15 hours		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
		UGETC	Humanity/Fine Art	3		
		ACA 122	College Transfer Success	1		
			Semester hours		15	
Semester 2: 17 hours		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
		UGETC	Humanity/Fine Art	3		
		UGETC	Social Science	3		
			Semester hours		17	
Semester 3: 14 hours		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
		UGETC	Social Science	3		
			Semester hours		14	
Semester 4: 14 hours		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
		Pre-Major/GEC/Elective		3		
			Semester hours		14	
				Total AS degree hours	60	

Appalachian Course Work: 64 hours					
Semester	Hours	Appalachian Course	Course Name	Hours	Notes
Semester 5: 14 hours		PHY 2010	Intermediate Physics I	4	
		MAT 2130	Calculus III	4	
		MAT 3130	Differential Equations	3	
		Minor Course I		3	
			Semester hours		14
Semester 6: 16 hours		PHY 2020	Intermediate Physics II	4	
		PHY 2210	Physics Lab Techniques and Data Analysis	3	Writing in the Discipline
		PHY 3001	Analytical Methods in Physics	3	
		Minor Course II		3	
		FL 1040	Intermediate Foreign Language I	3	
			Semester hours		16
Semester 7: 18 hours		PHY 3010	Classical Mechanics	3	
		PHY Elective I		3	
		Minor Course III		3	
		Minor Course IV		3	
		Minor Course V		3	
		FL 1050	Intermediate Foreign Language II	3	
			Semester hours		18
Semester 8: 16 hours		PHY 4210	Methods of Experimental Physics	4	Capstone
		PHY 3020	Electromagnetism	3	
		PHY Elective II		3	
		Minor Course VII		3	
		Minor Course VIII		3	
			Semester hours		16
				Total Appalachian hours	64

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 required 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
- 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 the Office of Transfer Services at 828-262-7877

