

TRANSFER GUIDE

BS, Physics, Secondary Education Licensure
Appalachian State University
2018-2019

Department of History
College of Arts & Sciences
Program of Study

Community College Coursework: 63 Transfer hours		Associate in Science			
Semester	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: 15 hours	MAT 271	Calculus I	4	MAT 1110	Required for the major - prerequisite to MAT 272
	GEL 111	Physical Geology	4	GLY 1101	Required for the major
	PHY 251	Physics I	4	PHY 1150	Required for the major
	UGETC	Social Science	3		
	Semester hours			15	
Semester 4: 16 hours	MAT 272	Calculus II	4	MAT 1120	Required for the major - prerequisite to MAT 2130, Calculus III
	BIO 111	General Biology I	4	BIO 1801	Required for the major
	PHY 252	Physics II	4	PHY 1151	Required for the major
	MAT 152 OR AST 111/111A	Stats or Astronomy	4	STT 2820 OR AST 1101	Choose one course to complete STEM Elective for major
	Semester hours			16	
Total AA degree hours			63		

Appalachian Course Work: 64 hours					
Semester	Appalachian Course	Course Name	Hours		Notes
Summer: 4 hours	CI 2300	Teaching I Learning in the Digital Age	2		
	FDN 2400	Critical Perspectives in Teaching & Learning	2		
	Semester hours			4	
Semester 5: 15 hours	PHY 2010	Intermediate Physics I	4		
	MAT 2130	Calculus III	4		
	PHY 3210	Modern Physics I	3		
	PSY 3010	Psychology Applied to Teaching	3		
	Free Elective		1		
Semester hours			15		
Semester 6: 14 hours	PHY 2020	Intermediate Physics II	4		
	PHY 2010	Physics Lab Techniques and Data Analysis	3	Writing in the Discipline	
	PHY 3400	Physics Instruction Practicum	3		
	PHY 3520	Instructional Assistant	1		
	GS 4404	The Meeting of Nature & Science	3		
Semester hours			14		
Summer: 5 hours	CI 3400	Educational Assessment	2		
	SPE 3300	Creating Inclusive Learning Environments	3		
	Semester hours			5	
Semester 7: 14 hours	PHY 4210	Methods of Experimental Physics	4	Capstone	
	PHY 3521	Secondary Science Field Experience	1		
	GS 4403	Teaching Science in Middle & High School	3		
	Required Major Elective		3		
	Free Elective		3		
Semester hours			14		
Semester 8: 12 hours	CI 4900	Student Teaching	12	Capstone	
	Semester hours			12	
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:**
- 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.

- 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