

TRANSFER GUIDE

BS, Mathematics, Statistics
Appalachian State University
2019-2020

Department of Mathematical Sciences
College of Arts & Sciences
Program of Study

It is recommended that students start Appalachian coursework in the summer. Students should apply for the summer I term.

Community College Coursework: 60 Transfer hours		Associate in Arts				
Semester	Hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
Semester 1: 14 hours		ENG 111	Writing & Inquiry	3	RC 1000	
		MAT 171	Precalculus	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: 16 hours		ENG 112	Writing/Research in the Disciplines	3	RC 2001	
		MAT 172	Trigonometry	4	MAT 1025	Prerequisite for MAT 271
		UGETC	Social Science	3		
		UGETC	Social Science	3		
		UGETC	Humanity/Fine Art	3		
		Semester hours		16		
Semester 3: 14 hours		MAT 271	Calculus I	4	MAT 1110	Required for the major
		UGETC	Social Science	3		
		UGETC	Natural Science	4		
		Pre-Major/GEC/Elective		3		
		Semester hours		14		
Semester 4: 16 hours		MAT 272	Calculus II	4	MAT 1120	Required for the major
		Pre-Major/GEC/Elective		3		
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		Pre-Major/GEC/Elective		3		
		Semester hours		16		
		Total AA degree hours		60		

Appalachian Course Work: 61 hours					
Semester	Hours	Appalachian Course	Course Name	Hours	Notes
Summer: 10 hours		MAT 2240	Linear Algebra	3	
		MAT 2130	Calculus III	4	
		MAT 3130	Differential Equations	3	
			Semester hours		10
Semester 5: 14 hours		MAT 2110	Techniques & Proofs	4	
		MAT 2310	Computational Mathematics	3	
		STT 3250	Fundamentals of Probability	4	
		Free Elective		3	
			Semester hours		14
Semester 6: 14 hours		MAT 3220	Intro to Real Analysis	3	Writing in the Discipline
		STT 3850	Statistical Data Analysis I	4	
		Math Science Elective		4	
		Related Coursework		3	
		Semester hours		14	
Semester 7: 12 hours		STT 3851	Statistical Data Analysis II	3	
		Math Science Elective		3	
		Related Coursework		3	
		Statistics Elective		3	
		Semester hours		12	
Semester 8: 13 hours		CAPSTONE		4	
		MAT 4310	Numerical Methods	3	
		Statistics Elective		3	
		Related Coursework		3	
		Semester hours		13	
		Total Appalachian hours		63	

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
 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

