

TRANSFER GUIDE/BDP

BS, Mathematics, Actuarial Science
Appalachian State University
2020-2021

[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.

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: 61 Transfer hours		Associate in Arts			
Semester 1: 14 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	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: 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
	ECO 251	Microeconomics	3	ECO 2030	Required for the major
	UGETC	Science	4		
	UGETC	Humanity/Fine Art	3		
Semester hours			17		
Semester 3: 13 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 271	Calculus I	4	MAT 1110	Required for the major
	ECO 252	Macroeconomics	3	ECO 2040	Required for the major
	UGETC	Humanity/Fine Art	3		
	Pre-Major/GEC/Elective		3		
	Semester hours			13	
Semester 4: 17 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 272	Calculus II	4	MAT 1120	Required for the major
	ACC 120	Accounting I	4	ACC 2100	Required for the major
	BUS 115	Business Law	3	LAW 2150	Required for the major
	Pre-Major/GEC/Elective		3		
	Pre-Major/GEC/Elective		3		
Semester hours			17		
Total AA degree hours			61		

Appalachian Course Work: 60 hours				
Summer: 7 hours	Appalachian Course	Course Name	Hours	Notes
	MAT 2240	Linear Algebra	3	
	MAT 2130	Calculus III	4	
	Semester hours		7	
Semester 5: 13 hours	Appalachian Course	Course Name	Hours	Notes
	MAT 3330	Financial Mathematics	4	
	STT 3850	Statistical Data Analysis I	3	
	FIN 3100	Principals of Risk Management & Insurance	3	
	FIN 3680	Intro to Finance	3	
Semester hours		13		
Semester 6: 16 hours	Appalachian Course	Course Name	Hours	Notes
	MAT 3340	Actuarial Models	3	
	STT 3851	Statistical Data Analysis II	3	Writing in the Discipline
	FIN 3690	Financial Management	3	
	Math Elective		4	
	Free Elective		3	
Semester hours		16		
Semester 7: 12 hours	Appalachian Course	Course Name	Hours	Notes
	STT 3250	Fundamentals of Probability	3	
	FIN 3890	Survey of Investments	3	
	Free Elective		3	
	Free Elective		3	
Semester hours		12		
Semester 8: 12 hours	Appalachian Course	Course Name	Hours	Notes
	MAT 4330	Senior Seminar in Actuarial Science	3	Capstone
	STT 4880	Mathematical Statistics	3	
	FIN 4770	Derivatives & Financial Risk Management	3	
	Free Elective		3	
Semester hours		12		
Total Appalachian hours		60		

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 optional for this degree.
- Students will work with an Appalachian advisor, after transferring, to develop and individual graduation plan.

Transfer Resources:

Online & 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 Online & Transfer Services at 828-262-7877

