

TRANSFER GUIDE/BDP

BS, Mathematics, Statistics, 260H  
Appalachian State University  
2023-2024

[Department of Mathematical Sciences](#)  
[College of Arts & Sciences](#)  
[Program of Study](#)

**HOW-TO Use the Transfer Guide/BDP**

The Transfer Guides/BDPs have three sections:

1. The NC Community College courses are listed in the 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 section. Students will work with an Appalachian advisor to develop an individual graduation plan.
3. Important transfer and major information is listed in the 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			
<b>Semester 1: 14 hours</b>	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus	4	MAT 1020	Prerequisite for MAT 172
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
	ACA 122	College Transfer Success	1		
		Semester hours	14		
<b>Semester 2: 16 hours</b>	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	MAT 172	Trigonometry	4	MAT 1025	Prerequisite for MAT 271
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
		Semester hours	16		
<b>Semester 3: 14 hours</b>	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	MAT 271	Calculus I	4	MAT 1110	Required for the major
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">UGETC</a>	Natural Science	4		
	<a href="#">Pre-Major/GEC/Elective</a>		3		
		Semester hours	14		
<b>Semester 4: 17 hours</b>	<b>NCCC Course</b>	<b>Course Name</b>	<b>Hours</b>	<b>Appalachian Equivalent</b>	<b>Notes</b>
	MAT 272	Calculus II	4	MAT 1120	Required for the major
	MAT 152	Statistics	4	STT 2820	Will satisfy 4 hours of Statistic Electives required for major
	<a href="#">Pre-Major/GEC/Elective</a>		3		
	<a href="#">Pre-Major/GEC/Elective</a>		3		
	<a href="#">Pre-Major/GEC/Elective</a>		3		
		Semester hours	17		
		<b>Total AA degree hours</b>	<b>61</b>		

Appalachian Course Work: 59 hours				
Semester 5: 14 hours	Appalachian Course	Course Name	Hours	Notes
	MAT 2110	Techniques & Proofs	4	
	MAT 2310	Computational Mathematics	3	
	MAT 2130	Calculus with Analytic Geometry III	4	
	STT Elective 2		3	A total of 10 hours (3-4 courses) is required. MAT 152 (STT 2820) taken at the community college was course 1 (4 hours)
Semester hours			14	
Semester 6: 14 hours	Appalachian Course	Course Name	Hours	Notes
	MAT 2240	Intro to Linear Algebra	3	
	MAT 3130	Intro to Differential Equations	3	
	STT 3250	Fundamentals of Probability	4	
	STT 3850	Statistical Data Analysis I	4	
Semester hours			14	
Semester 7: 15 hours	Appalachian Course	Course Name	Hours	Notes
	STT 3851	Statistical Data Analysis II	3	
	MAT 4310	Numerical Methods	3	
	MAT 3220	Intro to Real Analysis I	3	Writing in the Discipline
	STT Elective 3		3	
Related Coursework 1		3	A total of 9 hours (3 courses) is required from list on POS	
Semester hours			15	
Semester 8: 16 hours	Appalachian Course	Course Name	Hours	Notes
	MAT 4040		1	Capstone
	STT 4880	Mathematical Statistics	3	
	Related Coursework 2		3	
	Related Coursework 3		3	
	Free Elective		3	
Free Elective		3	Take enough hours to reach 120 required to graduate	
Semester hours			16	
<b>Total Appalachian hours</b>			<b>59</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 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 an individual graduation plan.

**Transfer Resources:**

<b>Transfer Admissions &amp; Engagement</b>	<a href="https://transfer.appstate.edu">transfer.appstate.edu</a>
<b>Office of Admissions</b>	<a href="https://admissions.appstate.edu">admissions.appstate.edu</a>
<b>Office of Financial Aid</b>	<a href="https://financialaid.appstate.edu">financialaid.appstate.edu</a>
<b>Scholarships</b>	<a href="https://scholarships.appstate.edu">scholarships.appstate.edu</a>
<b>Career Development</b>	<a href="https://careers.appstate.edu">careers.appstate.edu</a>
<b>University Housing</b>	<a href="https://housing.appstate.edu">housing.appstate.edu</a>
<b>Off-Campus Housing</b>	<a href="https://offcampushousing.appstate.edu">offcampushousing.appstate.edu</a>
<b>Campus Activities</b>	<a href="https://campusactivities.appstate.edu">campusactivities.appstate.edu</a>

Questions, please call Transfer Admissions & Engagement at 828-262-7877

