

TRANSFER GUIDE/BDP

BS, Mathematics, Secondary Education  
Appalachian State University  
2022-2023

[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: 64 Transfer hours		Associate in Arts in Teacher Prep			
Semester	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
Semester 1: 15 hours	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus	4	MAT 1020	Prerequisite for MAT 172
	EDU 187	Teaching & Learning for All	4	EDU 2000	
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
	ACA 122	College Transfer Success	1		
	Semester hours			15	
Semester 2: 16 hours	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	MAT 172	Trigonometry	4	MAT 1025	Prerequisite for MAT 271
	EDU 216	Foundations of Education	3	EDU 2100	
	COM Course	COM 120 or 231	3	COM 2121 or COM 2105	
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
	Semester hours			16	
Semester 3: 16 hours	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	MAT 271	Calculus I	4	MAT 1110	Required for the major
	EDU 279	Literary Development & Instruction	3	EDU ELEC	
	SOC 225	Social Diversity	3	SOC ELEC	
	<a href="#">UGETC</a>	Humanities/Fine Arts	3		
	<a href="#">UGETC</a>	Science	4		
Semester hours			17		
Semester 4: 16 hours	MAT 272	Calculus II	4	MAT 1120	Required for the major
	EDU 250	Teacher Licensure Program	3	EDU ELEC	Students should pass the Praxis CORE tests required for admission to Teacher Education at Appalachian during or just after this course is completed.
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">UGETC</a>	Social Science	3		
	<a href="#">Pre-Major/GEC/Elective</a>		3		
	Semester hours			16	
<b>Total AA degree hours</b>			<b>64</b>		

**Appalachian Course Work: 61 hours****Summer: 6 hours**

Appalachian Course	Course Name	Hours	Notes
MAT 2240	Linear Algebra	3	
PSY 3010	Psychology Applied to Teaching	3	
Semester hours		6	

**Semester 5: 15 hours**

Fall

Appalachian Course	Course Name	Hours	Notes
MAT 2110	Techniques & Proofs	4	
STT 4811	Statistical Concepts & Applications	3	Offered fall semester only
MAT 3010	Survey in the History of Math	2	Offered fall semester only
MAT 3310	Discrete & Continuous Math Models	3	Offered fall semester only
EDU 3000	Creating Inclusive Learning Communities	3	
Semester hours		15	

**Semester 6: 15 hours**

Spring

Appalachian Course	Course Name	Hours	Notes
STT 4812	Statistical Concepts & Applications w/ Probability	3	
MAT 3015	Junior Seminar	3	
MAT 3110 OR 3220		3	Writing in the Discipline
MAT 3610	Intro to Geometry	3	Offered spring semester only
Math Approved Elective 1		3	A total of 6 hours (2 courses) required, at least 3 hours at 4000 level
Semester hours		15	

**Semester 7: 13 hours**

Fall

Appalachian Course	Course Name	Hours	Notes
MAT 4015	Advanced Seminar	3	Offered fall semester only
MAT 3520	Instructional Assistant	1	
Math Approved Elective 2		3	
EDU 3100	Assessment for Learning	3	
CI 4085	Teaching High School Math	3	Offered fall semester only. Minimum grade C/2.0 required
Semester hours		13	

**Semester 8: 12 hours**

Spring

Appalachian Course	Course Name	Hours	Notes
EDU 4900	Student Teaching	12	
Semester hours		12	
<b>Total Appalachian hours</b>		<b>61</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 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 1st and those hoping to attend in the spring are encouraged to apply by October 15th.

**Transfer Information:**

- Admission to the College of Education is required. Students must have a 2.7 Appalachian GPA to graduate.
- Students will work with an Appalachian advisor, after transferring, to develop an individual graduation plan.

**Community college graduates must obtain a grade of "C" or better in each course and an overall GPA of at least 2.7 on a 4.0 scale to transfer with a junior status, per the state-wide articulation agreement.**

**Additional Praxis CORE Testing Information:**

- Please visit the Apply to Teacher Education website for additional information about possible exemption from the Praxis CORE based on ACT or SAT scores.
- Please visit the James Center for Academic Advising Testing Resources website for additional information and resources related to preparing for the Praxis CORE.

**Transfer Resources:**

**Transfer Admissions & Engagement** [transfer.appstate.edu](http://transfer.appstate.edu)  
**Office of Admissions** [admissions.appstate.edu](http://admissions.appstate.edu)  
**Office of Financial Aid** [financialaid.appstate.edu](http://financialaid.appstate.edu)  
**Scholarships** [scholarships.appstate.edu](http://scholarships.appstate.edu)  
**Career Development** [careers.appstate.edu](http://careers.appstate.edu)  
**University Housing** [housing.appstate.edu](http://housing.appstate.edu)  
**Off-Campus Housing** [offcampushousing.appstate.edu](http://offcampushousing.appstate.edu)  
**Campus Activities** [campusactivities.appstate.edu](http://campusactivities.appstate.edu)

