

TRANSFER GUIDE/BDP

BS, Computer Science
Appalachian State University
2023-2024

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

It is recommended that students complete Mat 271 & 272 prior to transferring and 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 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 bottom 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

Community College Coursework: 61 Transfer hours		Associate in Science			
Semester 1:	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:	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
	UGETC	Social Science	3		
	UGETC	Humanity/Fine Art	3		
	UGETC		3		
		Semester hours	16		
Semester 3:	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 271	Calculus I	4	MAT 1110	Required for the major
	UGETC	Natural Science	4	Choose from AST 151/152; BIO 111/112, CHE 151/152, GLY 111/113, PHY 151/152, PHY 251/252	
	Pre-Major/Elective/GEC		3		
	Pre-Major/Elective/GEC		3		
	Pre-Major/Elective/GEC		3		
		Semester hours	17		
Semester 4:	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	MAT 272	Calculus II	4	MAT 1120	Required for the major
	UGETC	Natural Science	4	Complete the sequence from the science class chosen the previous semester	
	UGETC		3		
	Pre-Major/Elective/GEC		3		
		Semester hours	14		
	Total AS degree hours	61			

Appalachian Coursework: 63 hours				
Summer:	Appalachian Course	Course Name	Hours	Notes
	CS 1440	Computer Science I	4	10-week summer course
		Semester hours	4	
Semester 5:	Appalachian Course	Course Name	Hours	Notes
	CS 1100	Discrete Math	3	
	CS 2440	Computer Science II	4	
	STT 3850	Statistical Analysis	4	
	MAT 2240	Linear Algebra	3	
		Semester hours	14	
Semester 6:	Appalachian Course	Course Name	Hours	Notes
	CS 2450	Intro to Computer Systems	3	
	CS 2490	Intro to Theoretical Computer Science	3	
	CS 3430	Database	3	
	CS 3100 OR ENG 3695		3	Choose one to complete Writing in the Discipline requirement
	CS Elective I		3	
		Semester hours	15	
Semester 7:	Appalachian Course	Course Name	Hours	Notes
	CS 3481	Computer Systems I	3	
	CS 3490	Programming Languages	3	
	CS 3667	Software Engineering	3	
	CS 3460	Data Structures	3	
	CS Elective II		3	
		Semester hours	15	
Semester 8:	Appalachian Course	Course Name	Hours	Notes
	CS 3482	Computer Systems II	3	
	CS 4100	Senior Seminar	3	
	CS 4800		3	Capstone
	CS Elective III		3	
	CS Elective IV		3	
		Semester hours	15	
		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 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.

Degree Information:

- Science Requirement: The Computer Science major requires a minimum of 8-10 hours. Students should choose two courses in sequence from this list: AST 151/152; BIO 111/112, CHE 151/152, GLY 111/113, PHY 151/152, PHY 251/252
- Students should work to complete the Calculus requirement before transferring to stay on track with transfer guide/BDP.
- Students are advised to take CS 1440 in the summer to complete the degree in two years.
- A minor is optional for this degree.
- Students will work with an Appalachian advisor, after transferring, to develop an individual graduation plan.

Transfer Resources:

Transfer Admissions & Engagement 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 Transfer Admissions & Engagement at 828-262-7877