

TRANSFER GUIDE/BDP

BS, Sustainable Technology, 571A
Appalachian State University
2020-2021

Department of Sustainable Technology & the Built Environment
College of Fine & Applied Arts
Program of Study

STUDENTS SHOULD PLAN TO BEGIN APPALACHIAN COURSEWORK DURING THE SUMMER TERM. (SEE BELOW)

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. Some majors recommend a summer start term, which is listed in red at the top of the transfer guide/BDP and again in the grey section. Students should use this information to apply to Appalachian based on the recommended start term.
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 Algebra	4	MAT 1020	Grade of B or better required by the major
	UGETC	Humanity/Fine Art	3		
	UGETC	Social/Behavioral Science	3		
	ACA 122	College Transfer Success	1		
		Semester hours	14		
Semester 2: 16 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	UGETC	Science (Physics preferred)	4	The major requires a 2-semester sequence in either Physics, Biology, or Chemistry	
	UGETC	Humanity/Fine Art	3		
	UGETC	Social/Behavioral Science	3		
	UGETC	Social/Behavioral Science	3		
		Semester hours	16		
Semester 3: 16 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	UGETC	Science (Physics preferred)	4	The major requires a 2-semester sequence in either Biology, Chemistry or Physics	
	Pre-Major/Elective/GEC	Environmentally themed course	3	This course may count as Interdisciplinary coursework or a Major Elective	
	Pre-Major/Elective/GEC	Business themed course	3	This course may count as Interdisciplinary coursework or a Major Elective	
	Pre-Major/Elective/GEC		3		
	Pre-Major/Elective/GEC		3		
		Semester hours	16		
Semester 4: 15 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	HUM 110	Technology & Society	3	TEC 2029	Required by the major
	Pre-Major/Elective/GEC	Environmentally themed course	3	This course may count as Interdisciplinary coursework or a Major Elective	
	Pre-Major/Elective/GEC	Business themed course	3	This course may count as Interdisciplinary coursework or a Major Elective	
	Pre-Major/Elective/GEC		3		
	Pre-Major/Elective/GEC		3		
		Semester hours	15		
		Total AA degree hours	61		

Appalachian Course Work: 64 hours				
Semester 5: 6 hours (summer)	Appalachian Course	Course Name	Hours	Notes
	TEC 1708	Construction Methods I	3	
	TEC 2718	Building Services	3	
		Semester hours	6	
Semester 6: 13 hours (fall)	Appalachian Course	Course Name	Hours	Notes
	TEC 1728	Architectural Graphics and Modeling	3	
	TEC 2601	Energy Issues and Technology	3	
	TEC 3610	Computer Applications for Renewable Energy Systems	3	
	TEC 3807	Construction Safety	1	
	Interdisciplinary Coursework		3	
	Interdisciplinary Coursework		3	
	Semester hours		16	
Semester 7: 15 hours (spring)	Appalachian Course	Course Name	Hours	Notes
	TEC 2024	Introduction to Electronics	3	
	Interdisciplinary Coursework		3	
	TEC 3609	Introduction to PV Technology	3	
	Electives for the Major (TEC 3604)	Sustainable Transportation	3	Choose from approved list
TEC 3638	Foundations of Sustainable Technology	3		
	Semester hours		15	
Semester 8: 16 hours (fall)	Appalachian Course	Course Name	Hours	Notes
	Electives for the Major (TEC 3605)	Sustainable Resource Management	3	Choose from approved list
	Electives for the Major (3612)	Instrumentation for Renewable Energy Systems	3	Choose from approved list
	Electives for the Major (4520)	PV Business	3	Choose from approved list
	Electives for the Major (3748)	Building Science	3	Choose from approved list
TEC 4628	Solar Thermal Energy Technology	3		
	Semester hours		15	
Semester 9: 15 hours (spring)	Appalachian Course	Course Name	Hours	Notes
	Technical Specialization Elective (4615)	Renewable Energy Project Development	3	Choose from approved list
	Technical Specialization Elective (4633)	Photovoltaics II	3	Choose from approved list
	TEC 4607	Wind & Hydro Power Technology	3	
	Technical Specialization Elective (4700)	Bioenergy Technology	3	Choose from approved list
TEC 4638	Contemporary Problems in Sustainable Technology	3		
	Semester hours		15	
Total Appalachian hours			67	

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 must submit an on-line application and official college transcripts to be considered for admission.

Transfer Information:

- **Students are strongly encouraged to transfer in the summer.**
- Students should complete a UGETC 2-semester Science sequence in either Biology, Chemistry, or Physics.
- A grade of B or better is required in MAT 171 to meet major requirements.

Interdisciplinary Coursework

List of recommended interdisciplinary courses:

BIO 3312 or ECO 2620 or GHY 2812 or 3820 or IND 2012 or 2110 or 3004 or MGT 3010 or PHL 2015 or PHY 1830 or 3140 or PLN 2400 or 2812 or 4240 or S_D 2400 or 3100 or 4100

Electives for the Major

Choose 25 – 27 semester hours from TEC 3520, 3530 – 3549, 3604, 3605, 3606, 3612, 3704, 3748, 4520, 4530 – 4539, 4613, 4615, 4616, 4618, 4633,

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

