Department of Chemistry and Fermentation Sciences

College of Arts & Sciences

Program of Study

BS Chemistry, Secondary Education Appalachian State University 2022-2023

#### **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 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. Once at Appalachian, students will work with a WCOB 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: 63 Transfer hours		Associate in Arts in Teacher Preparation			
Semester 1: 14 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	ACA 122	College Transfer Success	1		
	EDU 187	Teaching and Learning for All	4	EDU 2000	
	ENG 111	Writing & Inquiry	3	RC 1000	
	MAT 171	Precalculus Algebra	4	MAT 1020	Prereg for MAT 172
	UGETC	Social/Behavioral Science Elective	3		
		Semester hours	15	•	
Semester 2: 16 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	ENG 112	Writing/Research in the Disciplines	3	RC 2001	
	Communication Course	COM 120 or COM 231	3	COM 2121 or COM 2105	
	SOC 225	Social Diversity	3	SOC Elective	
	UGETC	Humanities/Fine Arts Elec	3		
	MAT 172	Precalculus Trigonometry	4	MAT 1025	Prereg for MAT 271
		Semester hours	16		
Semester 3: 17 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
	EDU 216	Foundations of Education	3	EDU 2100	
	EDU 279	Literacy Development & Instruction	4	EDU ELEC	
	UGETC	Humanities/Fine Arts Elective	3		
	CHM 151	General Chemistry I	4	CHE 1101/1110	Required for major
		Semester hours	14		
Semester 4: 13 hours	NCCC Course	Course Name	Hours	Appalachian Equivalent	Notes
					Students should pass the Praxis CORE tests required for admission to
	EDU 250	Teacher License Preparation	3	EDU ELEC	Teacher Education at Appalachian during or just after this course is
					completed.
	CHM 152	General Chemistry II	4	CHE 1102/1120	Required for the major
	MAT 271	Calculus I	4	MAT 1110	Required for the major
	BIO 111	General Biology I	4	BIO 1801	Required for the major
	<u>UGETC</u>	Social/Behavioral Science Elective	3		
		Semester hours	18		
		Total AA degree hours	63		

Appalachian Course Work	: 65 hours			
Semester 5: 16 hours	Appalachian Course	Course Name	Hours	Notes
	EDU 3000	Diverse Learners: Teaching & Learning	3	
	MAT 1120	Calculus II	4	
	CHE 2101 & 2102	Fundamentals of Organic Chem & Lab	4	
	PHY 1150	Analytical Physics I	5	
		Semester hours	16	
Semester 6: 17 hours	Appalachian Course	Course Name	Hours	Notes
	CHE 2210 & 2211	Quantitative Analysis & Lab	4	
	PHY 1151	Analytical Physics II	5	
	CHE 3000	Introduction to Chemical Research	1	
	Chemistry Elective 1		4	A total of 7 hours (2 courses) is required
	GS 4403	Teaching Science in Middle/High School	3	
		Semester hours	17	
Summer Semester: 3 hours Appalachian Course		Course Name	Hours	Notes
	EDU 3100	Assessment for Learning	3	
		Semester hours	3	
Semester 7: 17 hours	Appalachian Course	Course Name	Hours	Notes
	CHE 3404	Inorganic Chemistry	3	Offered fall semester only
	CHE 3301 & 3303	Physical Chemistry & Lab	4	Writing in the Discipline
	Chemistry Elective 2		3	
	GS 4404	The Meaning & Nature of Science	3	Offered fall semester only
	GES 1101	Introduction to Physical Geology	4	
		Semester hours	17	
Semester 8: 12 hours	Appalachian Course	Course Name	Hours	Notes
Schiester G. 12 Hours	Appaiachian Course			
Semester 6. 12 nours	EDU 4900	Student Teaching/Clinical Internship	12	

# 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 thespring are encouraged to apply by October 15th.

# 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.

#### Notes

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.

To be admitted to the Reich College of Education for teacher education, a student must meet the following criteria:

- \* Complete EDU 2000 & EDU 2100 with a C or better
- \* Complete 45 hours with a 2.7 GPA (2.7 GPA must be maintained)
- \* Complete the Praxis Core

### **Transfer Resources:**

Transfer Admissions & Engagem
Office of Admissions
Office of Financial Aid
Scholarships
Career Development
University Housing
Off-Campus Housing
Campus Activities

Transfer.appstate.edu
admissions.appstate.edu
scholarships.appstate.edu
careers.appstate.edu
offcampushousing.appstate.edu
campusactivities.appstate.edu
campusactivities.appstate.edu

