



Transfer Guide Appalachian State University: Chemistry

Transfer Guide for Associate in Science Teacher Prep

Concentration: Secondary Education

Delivery Method: On-Campus

Contact: Transfer Admissions & Engagement

transferadmissions@appstate.edu

Program Admissions Notes:

Applicants should have a cumulative GPA of at least a 2.25 in all attempted college coursework. For complete transfer admission information and deadlines, please visit <https://admissions.appstate.edu/apply/transfer-student>

**Students with less than a 2.25 will be reviewed holistically. Please speak to your transfer admissions counselor or call the Transfer Admissions & Engagement office with questions.*

College-Level Foreign Language Requirement:

Foreign language classes are not required for this major.

Major-Specific Course Recommendations: Students are encouraged to build the Community College course recommendations below into the associate degree to best prepare for the intended major.

Recommended CC Course	Credit Hours	University Equivalency	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
CHM 151: General Chemistry I	4	CHE 1101/1110: Introduction to Chemistry I & Lab	UGETC Natural Sciences	General Education, Required Course
CHE 152: General Chemistry II	4	CHE 1102/1120: Introduction Chemistry II & Lab	UGETC Natural Sciences	General Education, Required Course
MAT 171: Precalculus Algebra	4	MAT 1020: College Algebra with Application	UGETC Math	General Education, Suggested Course
MAT 172: Precalculus Trigonometry	4	MAT 1025: Precalculus	UGETC Math	General Education, Suggested Course
MAT 271: Calculus I	4	MAT 1110: Calculus with Analytic Geometry I	Additional General Education Courses	Required Course
MAT 272: Calculus II	4	MAT 1120: Calculus with Analytic Geometry II	Additional General Education Courses	Required Course

BIO 111: General Biology I	4	BIO 1801: Biological Concepts I	Additional General Education Courses	Required Course
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Remaining Associate Degree Requirements: In addition to major-specific course recommendations above, students should work with a community college advisor to select additional community college courses to fulfill the remaining associate degree requirements identified below.

Associate Degree Requirement	Credit Hours Needed	University Equivalency	University Requirement Fulfilled
ENG 111: Writing & Inquiry	3	R C 1000: Expository Writing	General Education
ENG 112: Writing/Research in the Disciplines	3	R C 2001: Introduction to Writing Across the Curriculum	General Education
UGETC Math	4	ASU Equivalencies	General Education
UGETC Humanities/Fine Arts	3	ASU Equivalencies	General Education
UGETC Social/Behavioral Science	3	ASU Equivalencies	General Education
ACA 122: College Transfer Success	1	ELE CRED: ELECTIVE CREDIT	Elective
COM 120 or COM 231	3	Additional General Education Courses	General Education
SOC 225: Social Diversity	3	SOC ELEC: SOC ELECTIVE CREDIT	General Education
EDU 187: Teaching & Learning for All	4	EDU 2000: Introduction to Learners, Teachers, & Schools	Elective
EDU 216: Foundations of Education	3	EDU 2100: Foundations of Educational Equity	Elective
EDU 279: Literacy Development & Instruction	4	EDU ELEC: EDU ELECTIVE CREDIT	Elective
EDU 250: Teacher License Prep	3	EDU ELEC: EDU ELECTIVE CREDIT	Elective

Additional Information from University:

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

- Passing PRAXIS Core test or being exempted (based on SAT or ACT scores)
- A current Criminal Background Check (within 6 months of your application to teacher education)
- Cumulative GPA of 2.7 or higher
- 45 semester hours or more
- A minimum grade of "C" (2.0) must be earned in RC 1000, EDU 2000 & EDU 2100

Remaining Bachelor's Degree Requirements at University:

University Course:	Credit Hours	University Course Notes:
EDU 3000: Diverse Learners: Teaching & Learning	3	Academic department recommends this course be taken in the first semester at App State
CHE 2101 & 2102: Fundamentals of Organic Chemistry & Lab	4	Academic department recommends this course be taken in the first semester at App State
PHY 1150: Analytical Physics I	5	Academic department recommends this course be taken in the first semester at App State
CHE 3521: Secondary Science Field Experience	1	Academic department recommends this course be taken in the first semester at App State
GES 1101: Introduction to Physical Geology	4	Academic department recommends this course be taken in the first semester at App State
CHE 2210 & 2211: Quantitative Analysis & Lab	4	
PHY 1151: Analytical Physics II	5	
CHE 3000: Introduction to Chemical Research	1	Writing in the Discipline
Chemistry Elective 1	4	A total of 7 hours (2 courses) is required with grades of C- or better as required for a prerequisite for CHE 4580 or CHE 4100
GS 4403: Teaching Science in Middle & High School	3	
EDU 3100: Assessment for Learning	3	
CHE 3404: Inorganic Chemistry	3	Offered fall semester only
CHE 3301 & 3303: Physical Chemistry & Lab	4	
Chemistry Elective 2	3	
GS 4404: The Meaning & Nature of Science	3	Offered in fall semester only
EDU 4900: Student Teaching	12	CAPSTONE