



**Transfer Guide**  
**Appalachian State University:**  
**Mathematics, BS**

Transfer Guide for Associate in Arts Teacher Prep

**Concentration:** Secondary Education

**Delivery Method:** On-Campus

**Contact:** Transfer Admissions & Engagement

[transferadmissions@appstate.edu](mailto:transferadmissions@appstate.edu)

**Program Admissions Notes:**

**Due to class sequencing for this major, students need to begin coursework at App State in the summer in order to graduate in two years. Not beginning in the summer could delay graduation from App State up to one year.**

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

**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
MAT 171: Precalculus Algebra	4	MAT 1020: College Algebra w/ Application	UGETC Math	General Education, Suggested Course
MAT 172: Trigonometry	4	MAT 1025: Precalculus Trigonometry	Additional General Education Courses	General Education, Suggested Course
MAT 271: Calculus I	4	MAT 1110: Calculus with Analytic Geometry I	Additional General Education Courses	General Education, Required Course
MAT 272: Calculus II	4	MAT 1120: Calculus with Analytic Geometry II	Additional General Education Courses	General Education, Required Course

**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 Humanities/Fine Arts ( <a href="#">Approved Course Options</a> )	6	<a href="#">ASU Equivalencies</a>	General Education
UGETC Natural Science ( <a href="#">Approved Course Options</a> )	4	<a href="#">ASU Equivalencies</a>	General Education
UGETC Social/Behavioral Sciences ( <a href="#">Approved Course Options</a> )	6	<a href="#">ASU Equivalencies</a>	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
Elective/Pre-Major Courses ( <a href="#">Approved Course Options</a> )	3	<a href="#">ASU Equivalencies</a>	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:
MAT 2240: Linear Algebra	3	Academic department recommends this course be taken in the summer at App State
PSY 3010: Psychology Applied to Teaching	3	Minimum grade of "C" (2.0) required Academic department recommends this course be taken in the summer at App State
MATT 2110: Techniques of Proof <b>OR</b> MAT 2510: Sophomore Honors Seminar	4	Academic department recommends this course be taken in the fall at App State
STT 4811: Statistical Concepts & Applications	3	Offered fall semester only Academic department recommends this course be taken in the fall at App State
MAT 3010: Survey in the History of Math	2	Offered fall semester only Academic department recommends this course be taken in the fall at App State
MAT 3310: Discrete & Continuous Math Models	3	Offered fall semester only Academic department recommends this course be taken in the fall at App State
EDU 3000: Diverse Learners: Teaching & Learning	3	Academic department recommends this course be taken in the fall at App State
STT 4812: Statistical Concepts & Applications with Probability	3	
MAT 3015: Junior Seminar	3	
MAT 3110: Introduction to Modern Algebra <b>OR</b> MAT 3220: Introduction to Real Analysis I	3	Writing in the Discipline Minimum grade of "C" (2.0) required
MAT 3610: Introduction to Geometry	3	Offered spring semester only Minimum grade of "C" (2.0) required
Math Approved Elective 1	3	A total of 6 hours (2 courses) required with at least 3 hours at the 4000 level
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 of "C" (2.0) required
EDU 4900: Student Teaching	12	CAPSTONE

