



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

Transfer Guide for Associate in Science Teacher Prep

**Concentration:** Secondary Education

**Delivery Method:** On-Campus

**Contact:** Transfer Admissions & Engagement

[transferadmissions@appstate.edu](mailto: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
BIO 111: General Biology I	4	BIO 1801: Biological Concepts I	UGETC Natural Science	General Education, Required Course
CHM 151: General Chemistry I	4	CHE 1101: Introduction to Chemistry I & Lab	UGETC Natural Science	General Education, Required Course
GEL 111: Geology	4	GES 1101: Introduction to Physical Geology	Additional General Education Courses	General Education, Required Course
MAT 271: Calculus I	4	MAT 1110: Calculus with Analytic Geometry I	UGETC Math	General Education, Required Course
MAT 272: Calculus II	4	MAT 1120: Calculus with Analytic Geometry II	UGETC Math	General Education, Required Course
PHY 251: General Physics I	4	PHY 1150: Analytical Physics I	Additional General Education Courses	General Education, Required Course
PHY 252: General Physics II	4	PHY 1151: Analytical Physics 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
<a href="#">UGETC Humanities/Fine Arts</a>	4	<a href="#">ASU Equivalencies</a>	General Education
<a href="#">UGETC Social/Behavioral Science</a>	3	<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

**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
- 30 semester hours or more
- A minimum grade of “C” (2.0) must be earned in RC 1000, EDU 2000 & EDU 2100

University Course:	Credit Hours	University Course Notes:
<b>PHY 2010: Intermediate Physics I</b>	4	Offered fall semester only  Academic department recommends this course be taken in the first semester at App State

<b>MAT 2130: Calculus III</b>	4	Academic department recommends this course be taken in the first semester at App State
<b>PHY 2110: Modern Physics I</b>	3	Offered fall semester only Academic department recommends this course be taken in the first semester at App State
<b>EDU 3000: Diverse Learners: Teaching &amp; Learning</b>	3	Academic department recommends this course be taken in the first semester at App State
<b>Free Elective</b>	3	Academic department recommends this course be taken in the first semester at App State
<b>PHY 2020: Intermediate Physics II</b>	4	Offered spring semester only
<b>PHY 3310: Physics Lab Techniques and Data Analysis</b>	3	Offered spring semester only Writing in the Discipline
<b>PHY 3400: Physics Instruction Practicum</b>	3	
<b>PHY 3520: Instructional Assistant</b>	1	
<b>PHY/AST Elective</b>	1-3	Take enough hours to earn a minimum of 32 hours in PHY
<b>GS 4403: Teaching Science in Middle &amp; High School</b>	3	
<b>PHY/AST Elective</b>	3	
<b>PHY 3521: Secondary Science Field Experience</b>	1	
<b>EDU 3100: Assessment for Learning</b>	3	
<b>GS 4404: The Meeting of Nature &amp; Science</b>	3	
<b>Free Elective</b>	3	
<b>EDU 4900: Student Teaching</b>	12	CAPSTONE