

**AUSTIN PEAY STATE UNIVERSITY**  
Office of Teacher Licensure  
**CHEMISTRY TEACHING MAJOR (7-12\*)**  
Advisor: Dr. Robin Reed 931-221-1007

**Praxis II Required Testing:** Test Code **20524 (7-12)** Principles of Learning & Teaching (minimum score 159); Test Code **20245** Chemistry: Content Knowledge (minimum score 152) **AND** Test Code **10431** General Science: Content Knowledge, Part 1 (minimum score 145).

**CORE REQUIREMENTS:**

Chem 1110 (5) and 1120 (5) General Chemistry (Total – 10) **OR** Chem 1010 (4), 1020 (4), 1840 (2) (Total – 10)  
Math 1810 Elements of Calculus (3) **OR** Math 1910 Calculus & Analytic Geometry (5)

**MAJOR REQUIREMENTS:**

Chem 3210 Quantitative Analysis (4)  
Chem 3440 Inorganic Chemistry (4)  
Chem 3500 Brief Organic Chemistry (4) **OR** Chem 3510 Organic Chemistry (4)  
Chem 3610 Physical Chemistry (4)  
Chem 4300 Brief Biochemistry (4) lecture only **OR** Chem 4310 - Biochemistry (4) lecture only  
\*Biol 4400 Teaching Science in High School (3)

**Additional Requirements for Licensure and Graduation:**

Phys 1010 (5) **AND** 1020 (5) Conceptual Physics I & II (Total - 10) **OR**  
Phys 2010 (5) **AND** 2020 (5) College Physics (Total – 10) **OR**  
Phys 2110 (5) **AND** Phys 2120 (5) University Physics **AND**

Biol 1110 Principles of Life (4) **AND**  
Geol 1040 Physical Geology (4) **AND** Geol 1050 Historical Geology (4)

Educ 4610 Student Teaching: 7-8 (5)  
Educ 4710 Student Teaching: 9-12 (5)  
Educ 4950 Seminar (2)

**PROFESSIONAL EDUCATION MINOR:**

Educ 2100 Foundations of Education (2)	Educ 4270 Evaluation and Assessment (3)
Educ 3040 Instructional Technology (3)	Psy 3130 Educational Psychology (3)
Educ 3070 Instructional Strategies (3)	Sped 3000 Introduction to Special Education (3)
Educ 4160 Teaching Diverse Students (3)	**Educ 4080 Classroom Management (3)

Student completing this program will be licensed by the state of Tennessee to teach chemistry in high school and general science in middle and high school.

\*\*Requires Milestone II status

**NOTE:** Successful completion of Milestones I, II, III, and IV are required for teacher licensure programs. Milestone assessment criteria is available at <http://www.apsu.edu/educ>.