

**250 Department of Science and Mathematics****BACHELOR OF ARTS IN EDUCATION  
CHEMISTRY (9-ADULT)**

Candidates may wish to combine this specialization with another (5-9), (9-Adult), (5-Adult) or (PreK-Adult) specialization.

**GSC 100 The First Year Experience 0 hour**  
All degree seeking students are required to take GSC 100 during their first semester.

**General Education Requirements 39 hours**  
Candidates must take BIOL 120, CHEM 101, CSCI 267 and MATH 202 as part of the General Education requirements.

**Content Specialization Courses 47 hours**

**Total Hours in Biology 8**

BIOL 120	Principles of Biology I	
BIOL 121	Principles of Biology II	4
BIOL 400	Ecology and Field Biology	4

**Total Hours in Chemistry 27**

CHEM 101	General Chemistry I	
CHEM 102	General Chemistry II	4
CHEM 293	Techniques of Chemistry	1
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
CHEM 307	Inorganic Chemistry	4
CHEM 321	Analytical Chemistry I	4
CHEM 380	Biochemistry I	4
CHEM 493	Senior Research Seminar	2

**Total Hours in Physics 12**

PHYS 201	General Physics I	4
PHYS 202	General Physics II	4
PHYS 345	Introductory Chemical Physics	4

**Professional Education 21 hours**  
Must complete a Methods course for each specialization in which candidate seeks to gain licensure.

CSCI 267	Computer Skills for Education	
EDUC 203	Foundations of Education	2
EDUC 205	Educational Psychology*	3
EDUC 310	Classroom Management and Teaching Strategies	2
EDUC 345	Teaching Science in Middle and Adolescent Education (5-Adult)	3
EDUC 412	Curriculum and Assessment: Content (5-Adult)	2

READ	317	Teaching Reading in Middle and Adolescent Education	3	
SPED	220	Educating the Exceptional and Culturally Diverse Student	3	
SPED	334	Strategies for Students with Learning Disabilities and Behavior Disorders	3	
<b>Student Internship</b>				<b>12 hours</b>
EDUC	493	Capstone Assessment	1	
EDUC		Student Internship: Content	11	
<b>General Elective</b>				<b>1 hour</b>
<b>Total minimum hours required for degree</b>				<b>120 hours</b>

Education 203 and Education 205 are the only Professional Education courses which can be attempted without being admitted to a Program in Teacher Education.

\*Before enrolling in Education 205, a candidate must have attempted PRAXIS I or be exempt from this requirement due to ACT or SAT score.

**GATEWAY ASSESSMENT - ADMISSION TO TEACHER EDUCATION**

**CAPSTONE ASSESSMENT - EDUCATION 493**