

**BACHELOR OF ARTS
EDUCATION
CHEMISTRY (9-Adult)**

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

GSU 100 The First Year Experience 0 hour

All degree seeking students are required to take GSU 100 during their first semester.

General Education Requirements 30 hours

Students must complete CART 101, CHEM 101 and MATH 202* as part of the General Education requirements.

*MATH 115 and MATH 120 or 125 may be required as a prerequisite for MATH 202 if candidates do not have a MATH ACT of 24 or SAT of 610 or higher.

Content Specialization Courses 46 hours

Total Hours in Biology 8

BIOL	120	Principles of Biology I	4
BIOL	121	Principles of Biology II	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 11

PHYS	201	General Physics I	4
PHYS	202	General Physics II	4
PHYS	345	Introductory Chemical Physics	3

Professional Education 26 hours

CART	101	Introduction to Public Speaking	
CSCI	267	Computer Skills for Education	3
EDSP	220	Introduction to Educating Exceptional and Culturally Diverse Students	3
EDSP	334	Strategies for Educating Exceptional and Culturally Diverse Students	3
EDUC	203	Foundations of Education	3
EDUC	205	Educational Psychology*	3
EDUC	310	Classroom Management and Teaching Strategies	3
EDUC	345	Teaching Science in Middle and Adolescent Education (5-Adult)	2
EDUC	412	Curriculum and Assessment: Content (5-Adult)	2
PED	201	First Aid and Safety	1
READ	317	Teaching Reading in Middle and Adolescent Education	3

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Residency				18 hours
EDUC 470	Residency I		6	
EDUC 480	Residency II		11	
EDUC 493	Capstone Assessment		1	

Total minimum hours required for degree **120 hours**

In order to be officially and fully admitted to Teacher Education, ALL teacher candidates must meet and pass all sections of PRAXIS I (CORE) – Reading, Writing, and Math OR meet the WVDE approved exemptions for CORE. It is critical that teacher candidates check their Degree Works audit and speak with their academic advisors to see if they meet CORE exemptions.

GATEWAY ASSESSMENT – ADMISSION TO TEACHER EDUCATION

CAPSTONE ASSESSMENT – EDUC 493

**BA: EDUCATION
CHEMISTRY (9-Adult)
SUGGESTED PLAN OF STUDY**

FIRST YEAR

BIOL 120 (OR) BIOL 121.....	4	BIOL 121 (OR) BIOL 120.....	4
CHEM 101	4	CART 101.....	3
CSCI 267	3	CHEM 102	4
EDUC 203	3	EDUC 205	3
ENGL 101.....	3	ENGL 102.....	3
GSU 100.....	0	PED 201	1
Total Hours - Fall Semester	16	Total Hours - Spring Semester	18

SECOND YEAR

CHEM 293	1	ART 200 (OR) MUSC 200	2
CHEM 301	4	CHEM 302	4
CHEM 307 (OR) CHEM 321	4	HIST 201, 202, 207, 208 (OR) POSC 203	3
PHYS 201	4	MATH 202.....	4
Total Hours - Fall Semester	13	PHYS 202.....	4
		Total Hours - Spring Semester	17

THIRD YEAR

CHEM 307 (OR) CHEM 321	4	CHEM/PHYS 345.....	3
CHEM 380	4	CHEM 493	2
EDSP 220	3	ECON 201, 202, GEOG 203, PSYC 201, (OR) SOCS 225	3
EDUC 310	3	EDUC 412	2
EDUC 345	2	ENGL 203, 204, 205 (OR) 206	3
Total Hours - Fall Semester	16	HIST 201, 202, 207, 208 (OR) POSC 203	3
		Total Hours - Spring Semester	16

Attempt PRAXIS II Exam(s) prior to Residency
I

FOURTH YEAR

EDUC 470	6	EDUC 480*	11
EDSP 334	3	EDUC 493	1
READ 317	3	Total Hours - Spring Semester	12
Total Hours - Fall Semester	12		

***RESIDENTS MAY NOT ENROLL IN ANY OTHER COURSES (except EDUC 493) WHILE IN RESIDENCY II. PRAXIS II exam(s) must be passed before entering Residency II.**