

SECONDARY EDUCATION CHEMISTRY 9-ADULT

REQUIREMENTS

CORE CURRICULUM

The Core Curriculum is designed to foster critical thinking skills and introduce students to basic domains of thinking that transcend disciplines. The Core applies to all majors. Information on specific classes in the Core can be found at marshall.edu/gened.

CORE 1: CRITICAL THINKING

CODE	COURSE NAME	HRS	GRADE
FYS 100	First Year Seminar	3	_____
_____	Critical Thinking Course	3	_____
_____	Critical Thinking Course	3	_____

Additional University Requirements

_____	Writing Intensive	3	_____
_____	Writing Intensive	3	_____
_____	Multicultural or International	3	_____
CHM 481	Capstone	3	_____

CORE 2:

CODE	COURSE NAME	HRS	GRADE
ENG 101	Beginning Composition	3	_____
ENG 201	Advanced Composition	3	_____
CMM 103	Fund Speech-Communication	3	_____
MTH 127/130	College Algebra	3-5	_____
CHM 211/217	Principles of Chemistry I	5	_____
_____	Core II Humanities	3	_____
_____	Core II Social Science	3	_____
_____	Core II Fine Arts	3	_____

TEACHING SPECIALIZATION

All Chemistry 9-Adult majors are required to take the following courses:

CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
CHM 211	Principles of Chemistry I	3	_____	_____	300/400 CHM Elective	3-5	_____
CHM 217	Principles of Chemistry I Lab	2	_____	MTH 127	College Algebra	3-5	_____
CHM 212	Principles of Chemistry II	3	_____	or 130			
CHM 218	Principles of Chemistry II Lab	2	_____	MTH 140	Calculus	3-5	_____
CHM 327	Intro Organic Chemistry	3	_____	or 229			
CHM 345	Intro to Analytical Chemistry	4	_____	PS 325	Dev Scientific Thought	4	_____
CHM 357	Intro Physical Chemistry	3	_____	CHM 481	Applications of Chemical Ed (C)	3	_____
CHM 365	Introductory Biochemistry	3	_____				

PROFESSIONAL EDUCATION CORE

Students who wish to major in Chemistry 9-Adult must take the following Professional Education Core courses:

CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
EDF 201	Ed Psych Developing Learner	3	_____	CI 415	Int Meth & Mat: Sec Ed	3	_____
EDF 270	Level I Clinical Exp	0	_____	CI 470	Level II Clinical Exp	0	_____
CISP 421	Child with Exceptionalities	3	_____	_____	Student Teaching Capstone	12	_____
EDF 435	Classroom Assessment	3	_____	_____	Free Elective	3	_____
EDF 475	Schools in a Diverse Society	3	_____	_____	Free Elective	3	_____
CI 345	Crit Read Writ & Think	3	_____	_____	Free Elective	3	_____
CI 449	Instr & Clarm Mgt Sec Ed	3	_____	_____	Free Elective	3	_____
CISP 422	Differentiate Instruction	3	_____	_____	Free Elective	2	_____
				_____	Free Elective	1	_____

MAJOR INFORMATION

Admission requirements for ADMI 4:

1. Grade Point Average of 2.80 or higher (both MU and overall),
2. EDF 201 (grade "C" or better) and EDF 270 (credit),
3. Passing scores on the PRAXIS Core exam – all 3 areas (EXEMPT from PRAXIS Core exam with SAT 1240 or ACT composite 26 or higher),
4. Portfolio in LiveText which includes: Self-Assessment, Writing Sample and three Recommendations,
5. 21 ACT composite score,
6. MU students: Completion of 26 credits hours,
7. Transfer students: Completion of 12 Marshall University credit hours

Admission requirements for ADMI 5:

1. 12 hours of completed Professional Education Core courses,
2. 2.8 GPA overall, at MU, and in Teaching Specialization,
3. 3.0 GPA in Professional Education Core

Admission requirements for Student Teaching:

1. At least 90% of Teaching Specialization courses completed,
2. Minimum of 100 credit hours completed,
3. 2.8 GPA overall, at MU, and in Teaching Specialization,
4. 3.0 GPA in Professional Education Core,
5. Completion of

all Professional Education Core Courses (with the exception of EDF 475)

- Many courses require clinical experience in public school during normal school hours. Schedule open time accordingly.
- STUDENTS SHOULD MONITOR THEIR PROGRAM OF STUDY CAREFULLY DUE TO ONGOING CURRICULAR CHANGES.
- ALL coursework in Teaching Specialization and Professional Education Core must be completed with a grade of C or better.
- West Virginia law mandates that all persons entering a school or having contact with students must have completed a background check and have not been found on the sexual offender registry prior to entering a school. Each county and school can also use the results of that background check as a basis for admitting or denying admittance. It is the procedure of the Marshall University College of Education and Professional Development that every student will obtain a background check prior to being placed in a school setting.

Area of Emphasis

Major Requirement

College Requirement

General Education Requirement

Milestone Course: This is a key success marker for your major. See your advisor to discuss importance of this course in your plan of study.

SECONDARY EDUCATION CHEMISTRY 9-ADULT

The College of Education and Professional Development has the distinction of being the oldest part of Marshall University. The CIF (Curriculum, Instruction, & Foundations) program includes elementary, secondary, educational foundations, and educational computing for pre-service teachers. The secondary programs are designed for those wanting to teach content to middle school and/or high school students. The educational foundations and computing courses are designed for those entering the education field. Students receive broad content knowledge in the core academic area of choice as well as in the art and science of teaching children.

YEAR ONE	FALL SEMESTER					SPRING SEMESTER					
	CODE	COURSE NAME	HRS	GRADE		CODE	COURSE NAME	HRS	GRADE		
	MTH 127/130	College Algebra	3-5			CHM 211	Principles of Chemistry I	3			
	CMM 103	Fund Speech Communication	3			CHM 217	Principles of Chemistry I Lab	2			
	ENG 101	Beginning Composition	3			ENG 201	Advanced Composition	3			
	FYS 100	First Yr Sem Critical Thinking	3			MTH 140	Calculus	3-5			
		Core II Fine Arts	3			or 229					
	UNI 100	Freshman First Class	1				Core II Social Science (CT, M/I)	3			
	TOTAL HOURS				16-18	TOTAL HOURS				14-16	

Summer Term (optional):

YEAR TWO	FALL SEMESTER					SPRING SEMESTER					
	CODE	COURSE NAME	HRS	GRADE		CODE	COURSE NAME	HRS	GRADE		
	CHM 212	Principles of Chemistry II	3			CHM 357	Intro Physical Chemistry	4			
	CHM 218	Principles of Chemistry II Lab	2			CISP 421	Child with Exceptionalities	3			
		International or Multicultural	3			EDF 201	Ed Psych Developing Learner	3			
		Writing Intensive (CT)	3			EDF 270	Level I Clinical Exp	0			
		Free Elective	3				Core II Humanities (WI)	3			
		Free Elective	1				Free Elective	3			
	TOTAL HOURS				15	TOTAL HOURS				16	

Summer Term (optional):

YEAR THREE	FALL SEMESTER					SPRING SEMESTER					
	CODE	COURSE NAME	HRS	GRADE		CODE	COURSE NAME	HRS	GRADE		
	CHM 327	Intro Organic Chemistry	3			CHM 345	Intro to Analytical Chemistry	4			
	CI 345	Crit Read Writ & Think	3			CI 449	Instr & Clarm Mgt Sec Ed	3			
	PS 325	Dev Scientific Thought	4			CISP 422	Differentiate Instruction	3			
		Free Elective	3			EDF 435	Classroom Assessment	3			
		Free Elective	2				300/400 Level CHM Elective	4			
	TOTAL HOURS				15	TOTAL HOURS				17	

Summer Term (optional):

YEAR FOUR	FALL SEMESTER					SPRING SEMESTER					
	CODE	COURSE NAME	HRS	GRADE		CODE	COURSE NAME	HRS	GRADE		
	CHM 365	Introductory Biochemistry	3			CI 450	Student Teaching Capstone	12			
	CI 415	Int Meth & Mat: Sec Ed	3								
	CI 470	Level II Clincl Exo	0								
	EDF 475	Schools in a Diverse Society	3								
	CHM 481	Capstone	3								
		Free Elective	3								
	TOTAL HOURS				15	TOTAL HOURS				12	

Summer Term (optional):

Area of Emphasis

Major Requirement

College Requirement

General Education Requirement

Milestone Course: This is a key success marker for your major. See your advisor to discuss importance of this course in your plan of study.