



















CHEMISTRY EDUCATION 9-ADULT, B.A.






Course Requirements

 - General Education Course

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

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 <https://www.marshall.edu/gened/>.

Code	Title	Credit Hours
Core Curriculum		
<i>Core 1: Critical Thinking</i>		
FYS 100	First Yr Sem Critical Thinking	3
	Critical Thinking Course	3
	Critical Thinking Course	3
<i>Core 2</i>		
ENG 101  	Beginning Composition	3
ENG 201  	Advanced Composition	3
CMM 103 	Fund Speech-Communication	3
		
MTH 127  or MTH 130 	College Algebra-Expanded College Algebra	3-5
CHM 211  	Principles of Chemistry I and Principles of Chem Lab I	5
	& CHM 217 	
	Core II Humanities	3
	Core II Social Science	3
	Core II Fine Arts	3
<i>Additional University Requirements</i>		
	Writing Intensive	3
	Writing Intensive	3
	Multicultural or International	3
CHM 481	Special Topics (Capstone)	3
Teaching Specialization		
CHM 211  	Principles of Chemistry I	3
CHM 217  	Principles of Chem Lab I	2
CHM 212 	Principles Chemistry II	3
CHM 218 	Principles of Chem Lab II	2
CHM 327	Intro Organic Chemistry	3
CHM 345	Intro to Analytical Chem	4
CHM 357	Physical Chemistry: Quantum	4
CHM 365	Introductory Biochemistry	3

CHM Elective 300/400		3-5
MTH 127  College Algebra-Expanded		3-5
or MTH 130  College Algebra		
MTH 140 	Applied Calculus	3
PS 325	Dev Scientific Thought	4
CHM 481	Special Topics (Applications of Chemical ED) (C)	3
Professional Education Core		
EDF 200	Pre-Residency Clinical (40 hour clinical each semester for four semesters)	0
EDF 201	Ed Psych Developing Learner	3
CISP 421 	Child with Exceptionalities	3
EDF 435	Classroom Assessment	3
EDF 475	Schools in a Diverse Society	3
CI 345 	Crit Read Writ & Think	3
CI 449	Instr & Clarm Mgt Sec Ed	3
CISP 422	Differentiate Instruction	3
CI 415	Int Meth & Mat: Sec Ed	3
CI 470	Residency I Clinical	0
CI 451	Residency II - Secondary	12
	Free Elective	3
	Free Elective	3
	Free Elective	3
	Free Elective	1
	Free Elective	2

Major Information

Admission Requirements for ADMI 4

- Grade Point Average of 2.80 or higher (both MU and overall),
- EDF 201 Ed Psych Developing Learner (grade "C" or better) and EDF 200 Pre-Residency Clinical (credit),
- Passing scores on the PRAXIS Core exam – all 3 areas OR exemption,
- Portfolio in LiveText which includes:
 - Self-Assessment,
 - Writing Sample and
 - Three Recommendations,
- 21 ACT composite score,
- MU students: Completion of 26 credit hours,
- Transfer students: Completion of 12 Marshall University credit hours.

Admission Requirements for ADMI 5

- 12 hours of completed Professional Education Core courses,
- 2.8 GPA overall, at MU, and in Teaching Specialization,
- 3.0 GPA in Professional Education Core

Admission Requirements for Student Teaching


- At least 90% of Teaching Specialization courses completed,
- Minimum of 100 credit hours completed,
- 2.8 GPA overall, at MU, and in Teaching Specialization,
- 3.0 GPA in Professional Education Core,
- Completion of all Professional Education Core Courses

- 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.






Semester Plan

The College of Education and Professional Development has the distinction of being the oldest part of Marshall University. The Undergraduate Teacher Education 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 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.








 - General Education Course

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

First Year



Course	Description	Credit Hours
MTH 127  or MTH 130 	College Algebra-Expanded or College Algebra	3-5
CMM 103 	Fund Speech-Communication	3
		
ENG 101 	Beginning Composition	3
FYS 100	First Yr Sem Critical Thinking	3
Core II Fine Arts		3
UNI 100	Freshman First Class	1
Credit Hours		16-18

Second Semester


CHM 211 	Principles of Chemistry I	3
		
CHM 217 	Principles of Chem Lab I	2
		
ENG 201 	Advanced Composition	3
MTH 140 	Applied Calculus	3-5
or MTH 229 	or Calculus/Analytic Geom I (CT)	
Core II Social Science (CT, M/I)		3
Credit Hours		14-16

Second Year

First Semester


CHM 212 	Principles Chemistry II	3
CHM 218 	Principles of Chem Lab II	2
International or Multicultural		3
Writing Intensive (CT)		3
Free Elective		3-4
EDF 200	Pre-Residency Clinical	0
Credit Hours		14-15

Second Semester

CHM 357	Physical Chemistry: Quantum	4
CISP 421 	Child with Exceptionalities	3
EDF 201	Ed Psych Developing Learner	3
EDF 270	Level I Clinical Exp	0
Core II Humanities (WI)		3
Free Elective		3
EDF 200	Pre-Residency Clinical	0
Credit Hours		16

Third Year

First Semester

CHM 327	Intro Organic Chemistry	3
CI 345 	Crit Read Writ & Think	3
PS 325	Dev Scientific Thought	4
Free Elective		2
Free Elective		3
EDF 200	Pre-Residency Clinical	0
Credit Hours		15

Second Semester


CHM 345	Intro to Analytical Chem	4
CI 449	Instr & Clarm Mgt Sec Ed	3
CISP 422	Differentiate Instruction	3
EDF 435	Classroom Assessment	3
300/400 Level CHM Elective		4
EDF 200	Pre-Residency Clinical	0
Credit Hours		17

Fourth Year

First Semester

CHM 365	Introductory Biochemistry	3
CI 415	Int Meth & Mat: Sec Ed	3
CI 470	Residency I Clinical	0
EDF 475	Schools in a Diverse Society	3
Free Elective		3
CHM 481	Special Topics (Capstone)	3
Credit Hours		15

Second Semester

CI 450 	Stu Teach Secondary Ed (Capstone)	12
Credit Hours		12
Total Credit Hours		119-124