
















BIOLOGICAL SCIENCE 9-ADULT, B.A.











 - 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.




Major

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 	College Algebra-Expanded	3
	or MTH 130 College Algebra	
BSC 120  	Principles of Biology	4
	Humanities	3
	Fine Arts	3
	Social Science	3
<i>Additional University Requirements</i>		
	Writing Intensive	3
	Writing Intensive	3
	Multicultural or International	3
CI 450 	Stu Teach Secondary Ed (Capstone)	12
Teaching Specialization		
MTH 122	Plane Trigonometry	3
MTH 127 	College Algebra-Expanded	3
	or MTH 130 College Algebra	
BSC 120  	Principles of Biology	4
BSC 121 	Principles of Biology	4
BSC 227	Human Anatomy	4
	Select one of the following:	3-4
	BSC 302 Principles of Microbiology	
	BSC 430 Plant Ecology	
	BSC 460 Conservation Biology	
BSC 312	Invertebrate Zoology	4
BSC 320	Principles of Ecology	4
BSC 322	Principles Cell Biology	4

BSC 324	Principles of Genetics	4
BSC 416	Plant Taxonomy	4
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
GLY 200 	The Dynamic Earth	3
GLY 210L 	Earth Materials Lab	1
PHY 201 	College Physics I	3
PHY 202 	General Physics I Laboratory	1
PS 325	Dev Scientific Thought	4
BSC 491 	Capstone Experience	2

Professional Education Core

EDF 201	Ed Psych Developing Learner	3
EDF 270	Level I Clinical Exp	0
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	Level II Clinical Exp	0
CI 450 	Stu Teach Secondary Ed (Capstone)	12

Additional College Requirement

CI 350 	Inst Tech & Computing	3
--	-----------------------	---

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 270 Level I Clinical Exp (credit),
- Passing scores on the PRAXIS Core exam – all 3 areas (**Exempt** from PRAXIS Core exam with SAT 1240 or ACT composite 26 or higher),
- 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,

5. Completion of all Professional Education Core Courses (with the exception of EDF 475 Schools in a Diverse Society)











- 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.

 - 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.






Four Year Plan

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.



Course	Title	Credit Hours
First Year		
First Semester		
Fine Arts		3
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
UNI 100	Freshman First Class	1
Credit Hours		16-18
Second Semester		
BSC 120  	Principles of Biology	4
GLY 200 	The Dynamic Earth	3
GLY 210L 	Earth Materials Lab	1
MTH 122	Plane Trigonometry	3
ENG 201  	Advanced Composition	3
Critical Thinking (WI)		3
Credit Hours		17

Second Year

First Semester





BSC 121 	Principles of Biology	4
CHM 211  	Principles of Chemistry I	3
CHM 217 	Principles of Chem Lab I	2
CI 350 	Inst Tech & Computing	3
EDF 201	Ed Psych Developing Learner	3
EDF 270	Level I Clinical Exp	0
Social Science (CT, M/I)		3
Credit Hours		18

Second Semester

BSC 227	Human Anatomy	4
BSC 320	Principles of Ecology	4
CHM 212 	Principles Chemistry II	3
CHM 218 	Principles of Chem Lab II	2
Writing Intensive (Humanities)		3
Credit Hours		16

Third Year

First Semester


BSC 322	Principles Cell Biology	4
CI 345 	Crit Read Writ & Think	3
CISP 421 	Child with Exceptionalities	3
PHY 201 	College Physics I	3
PHY 202 	General Physics I Laboratory	1
Credit Hours		14

Second Semester


BSC 324	Principles of Genetics	4
CI 449	Instr & Clarm Mgt Sec Ed	3
CISP 422	Differentiate Instruction	3
EDF 435	Classroom Assessment	3
PS 325	Dev Scientific Thought	4
Credit Hours		17

Fourth Year

First Semester

BSC 312	Invertebrate Zoology	4
BSC 416	Plant Taxonomy	4
CI 415	Int Meth & Mat: Sec Ed	3
CI 470	Level II Clinical Exp	0
Select one of the following:		3-4
BSC 302	Principles of Microbiology	
BSC 430	Plant Ecology	
BSC 460	Conservation Biology	
BSC 491 	Capstone Experience	2
Credit Hours		16-17

Second Semester

CI 450 	Stu Teach Secondary Ed (Capstone)	12
EDF 475	Schools in a Diverse Society	3
Credit Hours		15

Total Credit Hours 129-132