

SECONDARY EDUCATION BIOLOGICAL SCIENCE 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	_____

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 or 130	College Algebra	3	_____
BSC 120	Principles of Biology	4	_____
_____	Core II Humanities	3	_____
_____	Core II Fine Arts	3	_____
_____	Core II Social Science	3	_____

Additional University Requirements

_____	Writing Intensive	3	_____
_____	Writing Intensive	3	_____
_____	Multicultural or International	3	_____
CI 451	Capstone	12	_____

TEACHING SPECIALIZATION

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

CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
MTH 122	Plane Trigonometry	3	_____	BSC 416	Plant Taxonomy	4	_____
MTH 127 or 130	College Algebra	3	_____	CHM 211	Principles of Chemistry I	3	_____
BSC 120	Principles of Biology	4	_____	CHM 217	Principles of Chemistry I Lab	2	_____
BSC 121	Principles of Biology	4	_____	CHM 212	Principles of Chemistry II	3	_____
BSC 227	Human Anatomy	4	_____	CHM 218	Principles of Chemistry II Lab	2	_____
BSC 302, 430, 460	BSC Elective	3-4	_____	GLY 200	The Dynamic Earth	3	_____
BSC 312	Invertebrate Zoology	4	_____	GLY 210L	Earth Materials Lab	1	_____
BSC 320	Principles of Ecology	4	_____	PHY 201	College Physics I	3	_____
BSC 322	Principles of Cell Biology	4	_____	PHY 202	General Physics I Lab	1	_____
BSC 324	Principles of Genetics	4	_____	PS 325	Dev Scientific Thought	4	_____
				BSC 491	Capstone Experience	2	_____

PROFESSIONAL EDUCATION CORE

Students who wish to major in Biological Science 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	_____	CISP 422	Differentiate Instruction	3	_____
CISP 421	Child with Exceptionalities	3	_____	CI 470	Residency I	0	_____
EDF 435	Classroom Assessment	3	_____	CI 451	Residency II – Secondary	12	_____
EDF 475	Schools in a Diverse Society	3	_____	EDF 200	Pre-Residency Clinical	0	_____
CI 345	Crit Read Writ & Thinking	3	_____	EDF 200	Pre-Residency Clinical	0	_____
CI 449	Instr & Classroom Mgt Sec Ed	3	_____	EDF 200	Pre-Residency Clinical	0	_____
CI 415	Int Meth & Mat: Sec Ed	3	_____	EDF 200	Pre-Residency Clinical	0	_____

MAJOR INFORMATION

Admission requirements for ADMI 4:

- Grade Point Average of 2.80 or higher (both MU and overall), 2. EDF 201 (grade "C" or better) and EDF 200 (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:

- 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 Residency II:

- 2.8 GPA overall, at MU, and in Teaching Specialization, 2. 3.0 GPA in Professional Education Core.

- 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 BIOLOGICAL SCIENCE 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
		Core II Fine Arts	●	3	●	BSC 120 Principles of Biology	●	4
	●	MTH 127/130 College Algebra	●	3-5	●	GLY 200 The Dynamic Earth	●	3
		CMM 103 Fund Speech Communication	●	3		GLY 210L Earth Materials Lab	●	1
	●	ENG 101 Beginning Composition	●	3		MTH 122 Plane Trigonometry	●	3
	●	FYS 100 First Yr Sem Critical Thinking	●	3	●	ENG 201 Advanced Composition	●	3
		UNI 100 Freshman First Class		1		_____ Critical Thinking (WI)	●	3
	TOTAL HOURS			16-18	TOTAL HOURS			17

Summer Term (optional):

YEAR TWO	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
		BSC 121 Principles of Biology	●	4		BSC 227 Human Anatomy	●	4
	●	CHM 211 Principles of Chemistry I	●	3		BSC 320 Principles of Ecology	●	4
		CHM 217 Principles of Chemistry I Lab	●	2		CHM 212 Principles of Chemistry II	●	3
		EDF 201 Ed Psych Developing Learner	◆	3		CHM 218 Principles of Chemistry II Lab	●	2
		EDF 200 Pre-Residency Clinical	◆	0		_____ Core II Humanities (WI)	●	3
		_____ Core II Social Science (CT, M/I)	●	3		EDF 200 Pre-Residency Clinical	◆	0
	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
		BSC 322 Principles of Cell Biology	●	4		BSC 324 Principles of Genetics	●	4
	●	CI 345 Crit Read Writ & Think	◆	3		CI 449 Intstr & Classroom Mgt Sec Ed	◆	3
	●	CISP 421 Child with Exceptionalities	◆	3		CISP 422 Differentiate Instruction	◆	3
		PHY 201 College Physics I	●	3		EDF 475 Schools in a Diverse Society	◆	3
		PHY 202 General Physics I Lab	●	1		PS 325 Dev Scientific Thought	●	4
		EDF 200 Pre-Residency Clinical	◆	0		EDF 200 Pre-Residency Clinical	◆	0
		EDF 435 Classroom Assessment	◆	3				
	TOTAL HOURS			17	TOTAL HOURS			17

Summer Term (optional):

YEAR FOUR	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
		BSC 312 Invertebrate Zoology	●	4		CI 451 Residency II – Secondary	◆	12
		BSC 416 Plant Taxonomy	●	4				
		CI 415 Int Meth & Mat: Sec Ed	◆	3				
		CI 470 Residency I	◆	0				
		_____ BSC Elective 302, 430, or 460	●	3-4				
		BSC 491 Capstone Experience	●	2				
	TOTAL HOURS			16-17	TOTAL HOURS			15

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.