



BACHELOR OF SCIENCE IN MATHEMATICS EDUCATION

(rev. 5.20.19)

First Semester	Hours	Milestone(s)	Milestone Note	Grade	Credits	Term
English 101	3		Must have a score of 18 on the ACT or SAT of 450; scores below 18 or 450 will be placed in ENG 101E			
Education 200	3		Must be eligible for English 101			
GEN ED 101 (PS)	3					
Scientific Reasoning	3-4		Biology 101, 108, 110, 120; Chem 100; Phys 101, 102, 103, 106, 107, 110, 111; or Phys 120 and 121			
Math 120	3		Prerequisite: Must have a Math ACT score of 21 for Math 120			
			Meet with Math Advisor to determine Math pathway			
Semester Total	15-16					
Second Semester	Hours	Milestone(s)	Milestone Note	Grade	Credits	Term
English 102	3		Prerequisite: English 101			
Education 201	3		Prerequisite: English 101 and Education 200 with a "C"			
Math 102 or 121	3-4		Prerequisite: Must have ACT score of 23 for Math 102 and 121. Not required if you have taken Math 206. Meet with Math Content Advisor to get course rotation schedule			
Arts	3		Art 100, Comm 140, or Music 107			
Math 103	3		Prerequisite: Math ACT score of 19 Or higher. NOTE: Regardless of beginning point in the Algebra, Trigonometry, Calculus sequence, Math 103 must be taken, since the content if Math 103 is outside the sequence.			
Semester Total	17-19		Take and pass PRAXIS 1 core.			
Third Semester	Hours	Milestone(s)	Milestone Note	Grade	Credits	Term
Math 206	4		Prerequisite: Math 120 and 102 or Math 121			
Education 202	3		Must take and pass all three sections of CORE; prerequisite: Educ 201 with a "C"; PAR Review/Admission to program			
Education 227	3		Concurrent with Educ 202			
Computer Science 101	3		Prerequisite: Eligibility for Math 120			
Math 205	3					
Semester Total	16		PAR Review required, formal admittance into the Teaching Program			
Fourth Semester	Hours	Milestone(s)	Milestone Note	Grade	Credits	Term
Math 207	4		Prerequisite: Math 206			
Education 300	3		Must have passed all three sections of CORE or have exemption eligibility based on ACT or SAT scores			
Education 316	4		Must have passed all three sections of CORE or have exemption eligibility based on ACT or SAT scores			
History 201, 202, 207, or 208	3		Prerequisite: English 102			
English 201 or Comm 100	3		Prerequisite: English 102 (Recommended course English 201 for PRAXIS 1 Requirements)			
Semester Total	17		Join an Educational Organization			
Fifth Semester	Hours	Milestone(s)	Milestone Note	Grade	Credits	Term
Education 319	3		Concurrent with/or completion of Educ 316 with "C"			
Education 331	3		Prerequisite: Completion of Education 227 and 316			
Math 208	4		Prerequisite: Math 207			
Humanities	3		Art 100, Communications 140 or Music 107			
Natural Science	3-4		Biology 101, 108, 110, 120; Chem 100; Phys 101, 102, 103, 106, 107, 110, 111, or Phys 120 and 121			
Semester Total	16-17		Take and pass PLT in fifth or sixth semester (must have passing scores for licensure requirements)			
Sixth Semester	Hours	Milestone(s)	Milestone Note	Grade	Credits	Term
Math 408	2		Offered in Spring Semesters. Must be taken in one of the last two semesters prior to graduation			
Math 308	3		Prerequisite: Math 208. Offered in Spring Semesters			
Math 222	3		Spring semesters. Prerequisite: "C" or better in Math 120; ACT score of 23; permission of instructor			
Electives	7		Must take necessary hours if needed for scholarship commitments.			
HHP 122, 157, or 242	2-3					
Semester Total	17-18		Take and pass Praxis II Content Examination in the six semester or seventh. Must have passing scores on the content test to be admitted as a candidate for student teaching. Capstone interview with Department Chair Required			
Seventh Semester	Hours	Milestone(s)	Milestone Note	Grade	Credits	Term
Math 300	3		Fall Semesters. Prerequisite: Math 207.			
Math 307	3		Fall Semesters. Prerequisite: Math 207.			
Math 411	3		Fall Semesters. Prerequisite: EDUC 316, Math 205 and 300.			
Education 426	3		Prerequisite: Educ 316 with a "C" or better; taken the semester prior to student teaching; SCOPE Review/Admission to Senior Capstone			
Math 309	4		Fall Semesters of EVEN YEARS--Review carefully for course offering. Prerequisite: Math 205 and 207			
Semester Total	16		Contact Career Services to begin a professional file.			
Eighth Semester	Hours	Milestone(s)	Milestone Note	Grade	Credits	Term
Education 480	15		Full admission to Teacher Education is required; passing scores in PRAXIS Two Content Test			
			Must have passing score on the Mathematics Content test to be admitted to student teaching.			
			Must have passing scores on the PLT for Licensure requirements			
			Complete graduation requirements (GPA minimum 2.5) and the Commencement Clearance form			
			All Licensure tests must be passed before WVDE Board Certification.			
Semester Total	15					
TOTAL SEMESTER HOURS	127-130					

◆ See reverse of this page for General Education coursework options

GENERAL EDUCATION COMPONENT AND COURSEWORK OPTIONS

Students in bachelor degree programs must complete the minimum number of hours indicated in each of the General Education components for a total of 35-41 credit hours. Your major field curriculum specifies courses or course categories that you must complete.

Courses with a ♦ indicate that the course is recommended from a list of courses within a specific General Education Component. Students may choose to take another course within the same General Education Component in place of the recommended course. For descriptions of these courses, consult the online West Virginia State University Catalog.

Some prerequisite requirements are listed in the course schedule; others are at the end of the course descriptions. Be sure you meet the prerequisites for a particular course before enrolling in the course. The courses listed are three credit hour courses except where noted otherwise.

Arts (3 credit hours)	Natural Science (3-4 credit hours)
♦ ART 101 Studio I - Introduction to Art	BIOL 101 Principles of Biology (4 credits)
ART 101H Studio I – Introduction to Art (Honors)	BIOL 101H Principles of Biology (Honors) (4 credits)
COMM 170 The Art of the Theater	BIOL 108 Environmental Biology (4 credits)
MUSIC 107 Appreciation of Music	BIOL 110 Economic Biology (4 credits)
	BIOL 120 Fundamentals of Biology (4 credits)
International Perspectives (3 credit hours)	♦ CHEM 100 Consumer Chemistry (3 credits)
COMM 446 International Cinema	CHEM 100H Consumer Chemistry (Honors) (3 credits)
INTS 210 Introduction to International Perspectives	CHEM 132 Introductory Environmental Chemistry (3 credits)
INTS 250 Diversity in Africana Studies	PHYS 101 Physical Science Survey I (3 credits)
♦ ECON 109 Intro to World Economy	PHYS 102 Physical Science Survey II (4 credits)
ENGL 350 World Literature Classical Era	PHYS 103 Elements of Physical Science (3 credits)
ENGL 351 World Literature Modern Era	PHYS 106 Intro. to Physical Geology (4 credits)
ENGL 440 Interpreting the Holocaust	PHYS 107 Historical Geology (4 credits)
FREN 101 Beginning French	PHYS 110 Weather and Climate (4 credits)
FREN 102 Elementary French	PHYS 111 Energy and the Environment (4 credits)
FREN 205 A View of Changing Culture	PHYS 120 Astronomy (3 credits)
FREN 443 West African Culture	PHYS 121 Astronomy Lab (1 credit)
GERM 101 Beginning German	
GERM 102 Elementary German	Scientific Reasoning (3 - 4 credit hours)
SPAN 101 Beginning Spanish	♦ BIOL 101 Principles of Biology (4 credits)
SPAN 102 Elementary Spanish	BIOL 101H Principles of Biology (Honors) (4 credits)
SPAN 205 Spain and its Culture	BIOL 108 Environmental Biology (4 credits)
POSC 210 International Relations	BIOL 110 Economic Biology (4 credits)
POSC 415 Arab Middle East	BIOL 120 Fundamentals of Biology (4 credits)
PHIL 308 World Religions	CHEM 100 Consumer Chemistry (3 credits)
EDUC 319 Content Area Literacy	CHEM 100H Consumer Chemistry (Honors) (3 credits)
EDUC 321 Teaching Writing in the Elementary School	CHEM 132 Introductory Environmental Chemistry (3 credits)
History (3 credit hours)	PHYS 101 Physical Science Survey I (3 credits)
HIST 201 World History	PHYS 102 Physical Science Survey II (4 credits)
HIST 201H World History (Honors)	PHYS 103 Elements of Physical Science (3 credits)
♦ HIST 202 World History	PHYS 106 Intro. to Physical Geology (4 credits)
HIST 207 American History to 1865	PHYS 107 Historical Geology (4 credits)
HIST 208 American History from 1865	PHYS 110 Weather and Climate (4 credits)
	PHYS 111 Energy and the Environment (4 credits)
	PHYS 120 Astronomy (3 credits)
	PHYS 121 Astronomy Lab (1 credit)
Humanities (3 credit hours)	Wellness (2 credit hours)
ART 100 Art Appreciation	♦ HHP 122 Fitness for Living
♦ COMM 140 Film Appreciation	HHP 157 Healthy Living
COMM 140H Film Appreciation (Honors)	HHP 157H Healthy Living (Honors)
ENGL 150 Introduction to Literature	HHP 242 Team Sports II
ENGL 150H Introduction to Literature (Honors)	
MUSC 104 American Music A Panorama	

BA 420: Senior Seminar Requirements

BA 420: Senior Seminar is to be taken only after completion of the following BA business core classes prior to the semester you will be taking it. Business Core classes are as follows: BA 115, 203, 209, 215, 216, 301, 305, 310, and 313.

In addition to the requirements of BA 420: Senior Seminar, the Department of Business Administration and Economics requires that all graduating students undertake the following:

- 1) Take the Major Field Test in business (administered as part of BA 420)
- 2) Complete the Graduate Exit Survey (completed as part of BA 420)

Degree Requirements & Graduation

Students are responsible for knowing and fulfilling requirements for graduation. Accordingly, they should carefully read the catalog and curriculum requirements. If questions arise, consult the appropriate department chair, college dean, or the Registrar. The University cannot assume responsibility for failure of students to fulfill catalog and curriculum requirements. See below listed requirements for Graduation and consult your respective year WVU Academic Catalog.

1. A cumulative grade point average of 2.0 (i.e., a C average) on all work attempted with the exception of developmental courses and courses with grades of P, K, W, and AUD.
2. A cumulative grade point average of 2.0 in major and minor (if applicable) courses. The department will identify the courses that count toward the major and the major cumulative grade point average.
3. Completion of the total number of hours required in the curriculum elected.
4. The necessary residence requirement for a degree.
5. Payment of all outstanding financial obligations to the University.
6. All grades of I and Q must be satisfied before graduation.

Comments: