Frederick Community College & West Virginia University

Mathematics Area of Concentration within STEM A.S. (Transfer) leading to
Bachelor of Science in Mathematics B.S.
Suggested Plan of Study

Frederick Community College	Hours	WVU Equivalents	Hours
Year One, 1st Semester			
ENGL 101	3	ENGL 101	3
MATH 185	4	MATH 155 (B.S. Area 1-1)	4
Humanities Elective (Gen Ed)	3	Elective	3
Physical Education, Health, or Nutrition Requirement	1	Elective	1
CMIS 106	3	CS 1TC	3
TOTAL	14		14
Year One, 2nd Semester			
MATH 195	4	MATH 156 (B.S. Area 1-2)	4
PHYS 151 (Biological & Physical Sciences Elective w/ lab Gen Ed)	4	PHYS 111 & PHYS 111L (B.S. Area 2-1)	4
ANTH 101 or PSYC 101 or SOCY 101 (or another Social & Behavioral Sciences Elective Gen Ed)	3	ANTH 105 or PSYC 101 or SOC 101	3
MATH 220	1	MATH 2TC	1
MATH 170 or CMIS 201	3-4	MATH 1TC or CS 1TC	3-4
TOTAL	15-16		15-16
Year Two, 1st Semester			
MATH 285	4	MATH 251	4
ENGL 102 (Communication Elective Gen Ed)	3	ENGL 102 (Required)	3
MATH 265	4	MATH 343	4
PHYS 252 (Biological & Physical Sciences Elective Gen Ed)	4	PHYS 112 & PHYS 112L (B.S. Area 2-2)	4
CHEM 101 (consultation with an advisor)	4	CHEM 115 & CHEM 115L (B.S. Area 3-1/Required)	4
TOTAL	19		19
Year Two, 2nd Semester			
MATH 275	3	MATH 261	3
CHEM 102 (consultation with an advisor)	4	CHEM 116 & CHEM 116L (B.S. Area 3-2/Required)	4
Social & Behavioral Sciences Elective (Gen Ed)	3	Elective	3
Arts Elective (Gen Ed)	3	Elective	3
TOTAL	13		13

West Virginia University			
Year Three, 1st Semester		Year Three, 2nd Semester	
MATH 303	3	MATH 322 or MATH 420	3
STAT 215	3	AoE MATH Course [2]	3
AoE MATH Course [1]	3	MATH 495	1
General Elective or Minor Course [1]	3	General Elective or Minor Course [2]	3
General Elective	3	General Elective	3
		General Elective	2
TOTAL	15	TOTAL	15
Year Four, 1st Semester		Year Four, 2nd Semester	
MATH 495	2	MATH 495	1
AoE MATH Course [3]	3	AoE MATH Course [5]	3
AoE MATH Course [4]	3	AoE MATH Course [6]	3
General Elective or Minor Course [3]	3	General Elective or Minor Course [5]	3
General Elective or Minor Course [4]	3	General Elective	3
		General Elective	3
TOTAL	14	TOTAL	16

Students must a have a C- or higher in MATH 155 to be admitted into the Mathematics program upon transferring to West Virginia University.

WVU offers over 100 minors that complement major fields of study, build on students' unique interests, expand perspectives, and broaden skills. See http://catalog.wvu.edu/undergraduate/minors/#minorsofferedtext for a list of available minors. Frederick Community College students may begin completion of certain minors at WVUP by taking courses equivalent to the minor's introductory requirements at WVU.
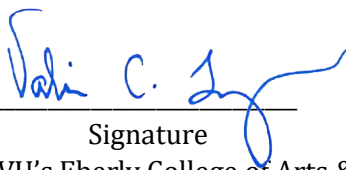
Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

Students who have questions about admission into their intended program, GEF requirements, or any other issue relating to academics at West Virginia University should contact the Office of Undergraduate Education at WVU.

The above transfer articulation of credit between West Virginia University and Frederick Community College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger _____

_____   11/27/2023 _____

Print Name   Signature   Date

Valerie Lastinger Ph.D. Associate Dean for WVU's Eberly College of Arts & Sciences