Frederick Community College & West Virginia University

Mathematics Area of Concentration within STEM A.S. (Transfer) leading to
Bachelor of Art in Mathematics B.A.
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	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	4
PHYS 151 (Biological & Physical Sciences Elective w/ lab Gen Ed)	4	PHYS 111 & PHYS 111L	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	4
Elective (consultation with an advisor)	3	Elective	3
TOTAL	18		18
Year Two, 2nd Semester			
MATH 275	3	MATH 261	3
Elective (consultation with an advisor)	3-4	Elective	3-4
Social & Behavioral Sciences Elective (Gen Ed)	3	Elective	3
Arts Elective (Gen Ed)	3	Elective	3
Elective (consultation with an advisor)	2-3	Elective	2-3
TOTAL	14-16		14-16

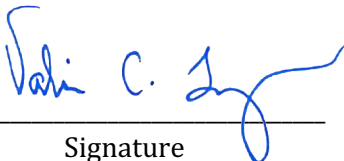| West Virginia University			
Year Three, 1st Semester		Year Three, 2nd Semester	
MATH 303	3	MATH 322	3
STAT 215 or STAT 461	3	MATH 341 or MATH 381 or MATH 451 or MATH 456 (Advanced MATH Courses 1)	3
Elective or Minor Course (1)	3	MATH 495	1
Elective or Minor Course (2)	3	General Elective	3
General Elective	3	General Elective	3
		General Elective	2
TOTAL	15	TOTAL	15
Year Four, 1st Semester		Year Four, 2nd Semester	
MATH 341 or MATH 381 or MATH 451 or MATH 456 (Advanced MATH Courses 2)	3	MATH 495	1
Upper-Division MATH Elective (1)	3	Upper-Division MATH Elective (2)	3
MATH 495	2	Elective or Minor Course (4)	3
Elective or Minor Course (3)	3	Elective or Minor Course (5)	3
General Elective	1	General Elective	3
General Elective	3	General Elective	2
TOTAL	15	TOTAL	15

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 FCC 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 | _____ | 9/11/24
_____ | | _____
Print Name | Signature | Date

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