

# Virginia's Community Colleges & West Virginia University

Associate of Arts and Science in Mathematics A.S. leading to  
Bachelor of Science in Mathematics B.S.  
Suggested Plan of Study



Virginia's Community Colleges	Hours	WVU Equivalent	Hours
Year One, 1 <sup>st</sup> Semester			
SDV 100 or SDV 101	1-2	WVU 191	1-2
ENG 111	3	ENGL 101 (Required)	3
*MTH 263 (Math Course)	4	MATH 155 (Required)	4
PHY 201 or PHY 241 (Natural Science)	4	PHYS 101 & PHYS 101L or PHYS 111 & PHYS 111L (Pick One; Required; Science Pair 1)	4
Any UCGS Art, Humanities, or Literature Course	3	Elective	3
<b>TOTAL</b>	15-16	<b>TOTAL</b>	15-16
Year One, 2 <sup>nd</sup> Semester			
ENG 112	3	ENGL 102 (Required)	3
*MTH 264 (Major Requirement)	4	MATH 156 (Required)	4
PHY 202 or PHY 242 (Major Requirement)	4	PHYS 102 & PHYS 102L or PHYS 112 & PHYS 112L (Pick One; Required; Science Pair 1)	4
HIS 111 or HIS 112 or HIS 121 or HIS 122 (History Course)	3	HIST 179 or HIST 180 or HIST 152 or HIST 153	3
<b>TOTAL</b>	14	<b>TOTAL</b>	14
Year Two, 1 <sup>st</sup> Semester			
MTH 265 (Major Requirement)	4	MATH 251 (Required)	4
MTH 267 (Major Requirement)	3	MATH 261 (Required)	3
*Transfer Elective	3	Elective	3
*Transfer Elective	3	Elective	3
<b>TOTAL</b>	15	<b>TOTAL</b>	15
Year Two, 2 <sup>nd</sup> Semester			
MTH 266 (Major Requirement; Pick One)	3	MATH 343 (Required)	3
MTH 288 (Major Requirement)	3	MATH 303 (Required)	3
Social Science Elective	3	Elective	3
Any UCGS Art, Humanities, or Literature course (must be from different category than previous course)	3	Elective	3
*Transfer Elective	3	Elective	3
<b>TOTAL</b>	15		15
*Students who need to complete the required prerequisite for MTH 263 should use the "Transfer Elective" slot to complete their math sequence.			

## West Virginia University

Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
MATH 341	3	MATH 322	3
STAT 215	3	Math Elective <sup>(1)</sup>	3
EDG 1: Data and Society	3	Math Elective <sup>(2)</sup>	3
EDG 2: Effective and Civil Communication	3	EDG 4: Global and Regional Perspectives	3
EDG 3: Ethics and Civil Responsibility	3	General Elective	3
<b>TOTAL</b>	15	<b>TOTAL</b>	15
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
MATH 480 or STAT 480 <sup>(EDG 6)</sup>	1	MATH 481 or STAT 481 <sup>(EDG 6)</sup>	2
MATH 451	3	Math Elective <sup>(5)</sup>	3
Math Elective <sup>(3)</sup>	3	General Elective	3
Math Elective <sup>(4)</sup>	3	General Elective	3
EDG 5: Practicing Arts & Sciences	3	General Elective	4
General Elective	2		
<b>TOTAL</b>	15	<b>TOTAL</b>	15

Students must have successfully passed MTH 263 and 264 with a C- or better to be admitted into the Mathematics program upon arrival to West Virginia University. This requirement is also necessary to complete other graduation requirements in a 4-year timeline

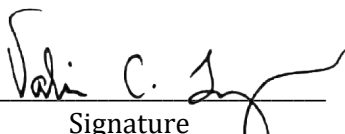
Students who have questions about GEF requirements or any other issue relating to academics at West Virginia University should contact the Office of Undergraduate Education at WVU.

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

Valérie Lastinger

Print Name

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



Signature

12/5/25

Date