

# MATHEMATICS TRANSFER GUIDE 2024-25

Eastern Mennonite University Bachelor of Science in Mathematics  
Associate Transfer Degree Plan in Mathematics



## COURSE REQUIREMENTS

Complete at VCCS					Complete at EMU		
BACHELOR'S DEGREE REQUIREMENT		SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	Gen Ed*	CC Course	Notes	Course	Credits	Notes
Non-transferable	1-2		SDV 100 College Success Skills or 101 Orientation		Core: ABP 260 Questions of Faith and Ethics	3	
Core: WRIT 125	3	PUA	ENG 111 College Comp I		CORE 300 Power, Systems, and Justice	3	
Core: WRIT 135	3	UA	ENG 112 College Comp II		CORE 301 Transfer Portfolio	1	
Core: Creative Arts	3	PUA	Any UCGS Art or Humanities		CORE 402 Senior Portfolio	1	
Core: Literature	3	UA	Any UCGS Literature	This course must come from a different group than prior requirement	Math 170 Discrete Math	4	Even though this is a 100-level course, it covers many of the fundamentals essential to the math major at EMU and should be taken at EMU in the first Fall semester after transfer
Core: History	3	PUA	Any UCGS History		Math 350 Linear Algebra	3	
Core: Natural Science	4	PUA	Any UCGS Natural Sciences		Math 460 Abstract Algebra	3	
Core: Technology Intensive	3	PUA	MTH 245 Statistics I	Will also meet the STAT 220 course requirement for CS major	Math 330-335 Topics	2-4	Need 14 credit hours of upper-level math above STAT 220 or MATH 284 (not counting Abstract Algebra and Linear Algebra)
Core: Communication Skills course	3	UA	CST 100 Public Speaking, or CST 110 Intro to Communication		Math 364 Geometry	2	Need 14 credit hours of upper-level math above STAT 220 or MATH 284 (not counting Abstract Algebra and Linear Algebra)
Core: Language Learning	3		Any foreign language course		Math 470 Probability	3	Need 14 credit hours of upper-level math above STAT 220 or MATH 284 (not counting Abstract Algebra and Linear Algebra)

Complete at VCCS (cont'd)					Complete at EMU (cont'd)		
BACHELOR'S DEGREE REQUIREMENT		SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	Gen Ed*	CC Course	Notes	Course	Credits	Notes
CORE 202 Living Well	2-6		PED 107 Exercise and Nutrition I, PED 108 Exercise and Nutrition II, PED 116 Lifetime Fitness and Wellness	Must have a total of at least 2 credits across the three courses to fulfill the Living Well requirement			
MATH 185	4		MTH 263 Calculus I				
MATH 195	4		MTH 264 Calculus II				
MATH 284 and MATH 286	4		MTH 265 Calculus III	Note that only MATH 284 is required for the math major, but MATH 286 counts as an upper-level math elective, which does meet a requirement			
STAT 220	2		MTH 245 Statistics I	Will also meet the Quantitative Reasoning requirement			
STAT 230	2		MTH 246 Statistics II	Need 14 credit hours of upper-level math above STAT 220 or MATH 284 (not counting Abstract Algebra and Linear Algebra)			
MATH 310	3		MTH 267 Differential Equations	Need 14 credit hours of upper-level math above STAT 220 or MATH 284 (not counting Abstract Algebra and Linear Algebra)			
Computer Science courses	6		Any CSC courses	6 credits are required. Python is recommended for at least some of these credits, as it is occasionally used throughout our math curriculum			
PHYS 252/253	4		PHY 241 University Physics I or PHY 242 University Physics II	Can take either Physics I or Physics II			
Can take electives to reach a total of 60 credits, as needed							

\* **A** = Completion of the Associate Degree satisfies this General Education requirement. **U** = This course satisfies a Uniform Certificate of General Studies requirement. **P** = This course satisfies a Passport requirement.

# TRANSFER GUIDANCE

## Guaranteed Admission Agreement

Students who complete the prescribed curriculum and meet the criteria below are guaranteed admission into Eastern Mennonite University. (This agreement does not guarantee your enrollment in any specific major. See available Guaranteed Program Admission Agreements for details about majors.)

- Earn a transferable associate degree
- Earn a minimum of 2.5 or higher cumulative GPA
- Earn a grade of C or higher in each VCCS course applicable to the transfer-oriented associate degree program
- Students should apply to transfer to EMU, which serves as their registration of intent to utilize the GAA
- Upon graduation, submit an official transcript showing completion of associate degree to the EMU Admissions

Please visit the TransferVirginia.org portal to find course requirements for different majors and **Transfer Guides** that outline course requirements for specific majors.

## IMPORTANT LINKS & DATES:

- **University transfer center:** <https://emu.edu/transfer>
- **Admission Application (rolling admissions):** <https://emu.edu/apply>
- **Financial aid:** <https://emu.edu/financial-aid/transfer>
- **FAFSA - Free Application for Federal Student Aid:** <https://studentaid.gov/>

## WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Create a schedule for all required courses, pay attention to prerequisites and when courses are offered, and complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center at [www.TransferVirginia.org](http://www.TransferVirginia.org).
- Connect with an advisor at your community college and EMU in your first year. College Connect is available in your account at [www.TransferVirginia.org](http://www.TransferVirginia.org).

## WHICH MAJORS WILL BE AVAILABLE TO ME THROUGH THIS GAA?

Acceptance is required into competitive programs in addition to acceptance to EMU. To participate in this admission agreement, please follow all special program application procedures, deadlines, and grade point average requirements.

## IS THIS COLLEGE RIGHT FOR ME?

- **EMU at a glance:** EMU is a smaller private liberal arts university located in Harrisonburg, VA, NCAA Division III.
- **Cost and value:** EMU averages financial aid based on family income. Learn more at <https://emu.edu/financial-aid/prospective/>.
- **Stellar outcomes:** View alumni outcomes and student demographic statistics at <https://emu.edu/about/facts/>.
- **You matter:** When you choose to join the EMU story, you become a part of an inclusive and equitable community of learners who are connected, accepted, valued and respected. EMU will prepare you for a career and develop, mentor, support and challenge you to make the world a better place.
- **Learn more:** [www.TransferVirginia.org](http://www.TransferVirginia.org)

## WHAT RESOURCES ARE AVAILABLE TO HELP ME SELECT A MAJOR?

- Explore EMU's majors and minors: <https://emu.edu/academics/degree-programs>
- Reach out to your EMU admissions counselor: <https://emu.edu/admissions/counselors/>
- Learn more about career pathways: [www.TransferVirginia.org](http://www.TransferVirginia.org)

## OTHER THINGS TO CONSIDER:

- Completing your associate transfer degree after high school satisfies all lower division general education requirements and increases the chance of completing your bachelor's degree.
- Exceeding three years or 90 credits at your community college means you may have exhausted your financial aid at that college and have limited your future financial aid at EMU.

## WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

If you apply through the general application instead of through the GAA, you will be considered for admission with all other transfer applicants.

EMU evaluates transfer applicants based on satisfactory academic progress criteria. We encourage all students to apply to receive a personalized holistic application review process.

