

TRANSFER GUIDE
Catalog Years

Shenandoah University Bachelor of Science in Mathematics
Associate Transfer Degree Plan in Mathematics

COURSE REQUIREMENTS

Complete at VCCS				Complete at Shenandoah		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	CC Course	Notes	Course	Credits	Notes
STSK 101	1-2	SDV 100 College Success Skills or 101 Orientation		Math Electives (if not already completed)	6	Any MATH courses at 200+ level, or CSC 121 and 122
ShenEd	3	ENG 111 College Comp I		MATH 351 Differential Equations	3	
ShenEd	3	ENG 112 College Comp II		MATH 370 Numerical Analysis	3	
ShenEd	3	Any UCGS Art or Humanities	These two courses must come from two different disciplines.	MATH 403 Introduction to Modern Algebra	3	
ShenEd	3	Any UCGS Art, Humanities, or Literature		MATH 432 Real Analysis	3	
ShenEd	3	Any UCGS Social & Behavioral Science (not History)		MATH 442 Functions of a Complex Variable	3	
ShenEd	3	Any UCGS History		MATH 475 Research Seminar I	2	
ShenEd	4	Any UCGS Natural Sciences		MATH 476 Research Seminar II	2	
MATH 201	4	MTH 263 Calc I		Additional Coursework for Minor, remaining secondary language requirements, Electives	30-32	A minor or second major is required for BS Mathematics degree

	6-8	Any UCGS course	Recommended: - Math prerequisites, - CST 100 or CST 110 (recommended, but not required for students that complete Associate's Degree) - Secondary Languages (202 level required for BS Math degree)	
MATH 202	4	MTH 264 Calc II		
MATH 302	4	MTH 265 Calc III		
MATH 209	3	MTH 288 Discrete Math		
MATH 303	3	MTH 266 Linear Alg		
Additional Electives	6-8	Students may choose from: CSC 221 Intro to Problem Solving & Programming, MTH 245 Statistics, MTH 283 Probability & Statistics, PHY 201 General College Physics I, PHY 202 General College Physics II, PHY 241 University Physics I, PHY 242 University Physics II		
Remaining coursework to reach 60 credits	4-9	Math prerequisites (MTH 161 PreCalculus I / MTH 162 PreCalculus II, MTH 167 PreCalculus with Trigonometry),		

World Languages, or
other college
requirements.

CREDITS PRE-TRANSFER: 60-62

CREDITS POST-TRANSFER: 60

TRANSFER GUIDANCE

VCCS and Shenandoah University Guaranteed Admissions Agreement

By meeting the following criteria, you are guaranteed admission to SU undergraduate programs (*acceptance to Shenandoah Conservatory and School of Nursing is competitive; additional application requirements will be necessary*)

- Completion of Applicable Associates Degrees: AA, AS, AA&S
- Meet minimum GPA requirement: 2.5 or higher
- Earn grades of "C-" or higher in all community college courses
- Applicants will need to submit an official transcript showing they have met the above requirements to the SU Office of Admissions

IMPORTANT LINKS & DATES:

- **Transfer Admissions & Services** <https://www.su.edu/admissions/transfer-students/>
- Shenandoah University practices Early Action and then rolling admissions for most undergraduate programs
- **Register Intent to Transfer:** through College Connect at www.TransferVirginia.org
- **Admission Application:** <https://www.su.edu/admissions/transfer-students/application-information/>
- **Financial Aid:** <https://www.su.edu/financial-aid/>
- **FAFSA - Free Application for Federal Student Aid:** <https://studentaid.gov/h/apply-for-aid/fafsa>

WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Create a schedule for all required courses, pay attention to prerequisites and when courses are offered, complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center at www.TransferVirginia.org
- Connect with an advisor at your community college and Shenandoah University. College Connect available in your account at www.TransferVirginia.org
- Your first semester courses at Shenandoah University will be chosen with the help of the [Office of Academic Advising, Transitions, and Progression](#)

IS THIS DEGREE RIGHT FOR ME?

- Career possibilities for the Mathematics degree include: Software Engineering, Data Analysis, Financial Analysis, and Software Development

WHAT IS THE IMPACT ON MY DEGREE OF WORK I HAVE ALREADY COMPLETED?

- **Associate Transfer Degree Completion:** Completion of AA, AS, or AA&S degree waives the ShenEd requirement
- **Dual Enrollment** – All Dual Enrollment coursework at the 100 level or higher will be considered for credit. The completion of an Associate Degree concurrent with high school results in course work towards your degree and all general education courses satisfied.
- **Credit for Prior Learning:** You can earn credit for your results on AP, IB, and CLEP exams
- **Catalog Year:** Catalog year determined by first semester of attendance at Shenandoah University
- **Joint Service Transcripts:** Shenandoah is a military friendly institution. SU awards credit based on ACE recommendations for students with a military background. Military personnel must provide their official transcript from their particular branch of the service by using the Joint Services Transcript request system to earn credit

IS THIS COLLEGE RIGHT FOR ME?

- **Family Atmosphere:** Students often mention the close-knit community that makes SU feel like a second home.
- **Hands-On Learning:** Engage in collaborative projects, capstone projects, and internships that provide real-world experience
- **Extracurricular Activities:** With 22 athletics teams and over 90 clubs, you'll find an active social life and make lasting friendships
- **Professional Readiness:** SU's curriculum is designed to prepare you for the professional world, with a focus on entrepreneurship, leadership, and innovation.

Learn more about our college at www.TransferVirginia.org or su.edu

DID YOU KNOW THAT...

- Completing your associate transfer degree post-high school satisfies all lower division general education requirements and increases the chance of completing your bachelor's degree?

WHAT CAN I DO WITH THIS DEGREE?

Explore possible careers, salaries, and job outlook at www.TransferVirginia.org

PROGRAM SUCCESSES & HIGHLIGHTS

- Most of the Shenandoah Math faculty are MAA Project NExT Fellows and Section NExT fellows. These national and regional programs train math professors in becoming innovative teachers and researchers in the field of mathematics.

- The faculty are involved in educational research and investigating not only best practices in teaching, but also coming up with new methods of instruction and assessment that are innovative and better for our students.
- Faculty are very active in the use of the iMLearning iPads and MacBooks, incorporating note-taking applications and math applications to help students succeed in math and visually challenging math problems.

DO MORE WITH YOUR DEGREE!

- Minors in Data Science, Cybersecurity, and Artificial Intelligence compliment the Mathematics program