

William & Mary Bachelor of Science in Mathematics

Associate Transfer Degree Plan in Mathematics

TRANSFER GUIDE
Catalog Years: 2024-2026

COURSE REQUIREMENTS

Complete at VCCS				Complete at W&M		
BACHELOR'S DEGREE REQUIREMENT		SATISFIED BY		BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	CC Course	Notes	Course	Credits	Notes
	1-2	SDV 100 or 101	No Credit	COLL 150	4	Must be fulfilled at W&M
WRIT 101	3	ENG 111		COLL 200	3	Must be fulfilled at W&M
ENGL 210	3	ENG 112 or 113		COLL 300	3	Must be fulfilled at W&M
	3	Any UCGS Art or Humanities	These two courses must come from two different disciplines.	COLL 350	3	Must be fulfilled at W&M
	3	Any UCGS Art, Humanities, or Literature		MATH 214	3	
	3	Any UCGS Social & Behavioral Science		Math Major Writing Requirement	3-6	
	3	Any UCGS History		Concentration Courses	14	Please refer to the Transfer Guidance page for additional information
	4	Any UCGS Natural Sciences		Electives	22-25	Students must have 120 credits to graduate. 60 of those credits must be taken at W&M.
MATH 111	4	MTH 263 Calc I	Students who need the prerequisite(s) to MTH 263 will need to take either MTH 161-162 (6 credits) or MTH 167 (5 credits)	Arts Proficiency	2	May be fulfilled through test or transfer credit or in residence at W&M
	6-8	Any UCGS courses				
MATH 112	4	MTH 264 Calc II				
MATH 212	4	MTH 265 Calc III				
MATH 211	3	MTH 266 Linear Alg				
Foreign Language Proficiency	Up to 12	World Languages	Please refer to the Transfer Guidance page for additional information			

TRANSFER GUIDANCE

By meeting the following criteria, you are guaranteed admission to W&M:

- Earn a transfer-oriented associate degree at a VCCS institution.
- Earn a minimum GPA of 3.4 at a VCCS institution. W&M will follow VCCS's course repeat policy.

IMPORTANT LINKS & DATES:

- **University Transfer Center:** www.wm.edu/transfer.
- **Register Intent to Transfer:** Submit Letter of Intent by Feb. 1 for Fall, or Sept. 1 for Spring admission through College Connect at www.TransferVirginia.org.
- **Admission Application:** Common Application for Transfer by March 1 for Fall or October 1 for Spring.
- **Financial Aid:** www.wm.edu/admission/financialaid/index.php.
- **FAFSA - Free Application for Federal Student Aid:** October 1 for Fall at www.studentaid.gov <https://www.wm.edu/admission/financialaid/announcements/fafsacss-profile-deadlines.php>

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 William & Mary within your first year. College Connect available in your account of www.TransferVirginia.org

CONCENTRATIONS

- **Applied Mathematics Concentration:** designed for students who want to pursue applications of mathematics or a double major in mathematics and another discipline.
- **Pre-College Mathematics Teaching Concentration:** designed for students seeking certification as pre-college mathematics teachers.
- **Standard Mathematics Concentration:** is the most flexible of the three concentrations, allowing the widest choice of electives. Students who are considering graduate study often pursue this concentration, as do some students aiming for pre-college teaching, but the flexible requirements of the concentration are also appropriate for students with other goals.

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

- **Associate Transfer Degree Completion:** An Associate Degree results in lower-division gen ed and proficiency requirements being met except the Foreign Language proficiency.
- **Dual Enrollment – Completion of Associate Degree in HS:** W&M does not guarantee admissions to high school students earning a transferable associate degree through dual enrollment.
- **Credit for Prior Learning:** Credits applied toward the associate degree but not earned at the VCCS institution will be reviewed in accordance with W&M academic policy as outlined in the Undergraduate Catalog. Other types of credit, such as military training, ACE recommendations, and CLEP, will be assessed in accordance with W&M policy at the time of student matriculation.
- **Catalog Year:** Catalog year is determined by your first post high school enrollment at a VCCS school.

IS THIS COLLEGE RIGHT FOR ME?

- W&M is a top research university grounded in the liberal arts and sciences.
 - W&M offers 54 undergraduate majors and 62 minors.
- Learn more about our college at www.TransferVirginia.org

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?
- Exceeding 3 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 William & Mary?

WHAT CAN I DO WITH THIS DEGREE?

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

PROGRAM SUCCESSES & HIGHLIGHTS

- The mathematics program at William and Mary allows students to design a major based on their own interests and career goals and prepares students for post-baccalaureate employment and for further study of mathematical sciences and related disciplines.
- Study options include applied and pure mathematics, operations research, statistics, and teaching at the elementary or secondary level. Students can also design elective programs needed for careers in actuarial science and industrial mathematics, for interdisciplinary work in fields such as economics, business, and social sciences, or for graduate studies.

WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- Of students who applied in fall of 2021 for transfer admissions, 53% were admitted.
- Any transfer student accepted at W&M may major in Mathematics. No additional application is necessary.

Learn more about applying at www.TransferVirginia.org

FOREIGN LANGUAGE PROFICIENCY REQUIREMENT

All undergraduate students must demonstrate proficiency in a foreign language at the 202/203 level at W&M. Students may satisfy this requirement by:

- Taking the 4th level of one foreign language in high school
- Receive AP, IB or transfer credit for the 202 level or higher
- Receive a score of 600 or better on the SAT II achievement test in a modern foreign language (650 or better in Latin)
- Complete a college-level course at the 202 level or above

ARTS PROFICIENCY

This requirement will be satisfied by two credits with an Arts Proficiency attribute in the same creative or performing art. The purpose of this proficiency is to understand the artistic process. Accordingly, by actively involving students in exercises that require artistic choices, these courses aim for an experience-based understanding of how the artist communicates. A course that satisfies this proficiency requires a student to begin to understand an art at the foundation level through artistic activities involving each of the following: developing their artistic skills; and applying the principles of the art through projects and/or exercises.