

# William & Mary Bachelor of Science in Computer Science

## Associate Transfer Degree Plan in Computer Science

### COURSE REQUIREMENTS

Complete at VCCS			Complete at W&M			
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY		BACHELOR'S DEGREE REQUIREMENT	Course	Credits	Notes
Course	Credits	CC Course	Notes	Course	Credits	Notes
	1-2	SDV 100 College Success Skills or 101 Orientation	Non-transferrable	CSCI 241	3	Recommend for 1 <sup>st</sup> semester
WRIT 101	3	ENG 111 College Comp I		CSCI 304	3	Recommend for 1 <sup>st</sup> Semester
ENGL 210	3	ENG 112 College Comp		CSCI 301	3	
	3	Any UCGS Art or Humanities course	These two courses must come from two different disciplines. Recommend CST 130 to satisfy Arts Proficiency.	CSCI 303	3	
	3	Any UCGS Art, Humanities, or Literature course		CSCI 312	3	
	3	Any UCGS Social & Behavioral Science course		CSCI 423	3	
	3	Any UCGS History course		MATH 211	3	
BIO 101 = BIOL 203/203L CHM 111 = CHEM 103/103L PHY 241 = PHYS 101P/101L GOL 105 = GEOL 101/160 GOL 110 = GEOL 110/160	4	BIO 101 Gen Bio I, CHM 111 Gen Chem I, PHY 201 Gen Coll Phys I, PHY 241 Univ Phys I, GOL 105 Physical Geology, or GOL 110 Earth Systems	Concentration Requirement	12	Options include: General, AI/Machine Learning, and Cybersecurity	
MATH 111	4	MTH 263 Calculus I		COLL 150	4	
MATH 112	4	MTH 264 Calculus II		COLL 200		
CST 100 = SPCH 201 CST 110 = SPCH 102	3	CST 100 Public Speaking, CST 110 Human Communication	Can satisfy Arts Proficiency.	COLL 300		
CSCI ELT	3	CSC 221 Intro to Problem Solving and Programming	Students will learn two languages over the course of	COLL 350		

			the CSC 221-222-223 Sequence. Languages: C++, JAVA, Python			
CSCI 141	4	CSC 222 Object-Oriented Programming		Foreign Language Proficiency	Up to 12	Please refer to the Transfer Guidance section for more information.
CSCI ELT	4	CSC 223 Data Structures		Arts Proficiency	2-3	If not completed at the VCCS. Please refer to the Transfer Guidance section for more information.
CSCI 243	3	CSC 208 Discrete Structures or MTH 288 Discrete Mathematics		Electives		Students must have 120 credits to graduate and 60 of those must be taken at W&M.
MATH 212	4	MTH 265 Calc III				
Foreign Language Proficiency	Up to 12	World Languages	Please refer to the Transfer Guidance page for additional information			

CREDITS PRE-TRANSFER: 60-63

CREDITS POST-TRANSFER: At least 60

# 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

## IMPORTANT LINKS & DATES:

- **University Transfer Center:** [wm.edu/transfer](http://wm.edu/transfer)
- **Register Intent to Transfer:** Submit Letter of Intent by February 1 for Fall, or September 1 for Spring admission through [W&M](http://W&M).
- **Admission Application:** Common Application for Transfer by March 1 for Fall or October 1 for Spring.
- **Financial Aid:** [wm.edu/admission/financialaid/index.php](http://wm.edu/admission/financialaid/index.php)
- **FAFSA - Free Application for Federal Student Aid:** October 1 for Fall at [studentaid.gov](http://studentaid.gov) (recommend adding CSS Profile)

## 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](http://www.TransferVirginia.org)
- Connect with an advisor at your community college and William & Mary within your first year. College Connect available in your account at [www.TransferVirginia.org](http://www.TransferVirginia.org)
- Refer to [https://www.wm.edu/offices/registrar/documents/transfer/vccs\\_transfer\\_guide\\_table.pdf](https://www.wm.edu/offices/registrar/documents/transfer/vccs_transfer_guide_table.pdf) for additional transfer equivalencies

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

- **Associate Transfer Degree Completion:** An Associate Degree results in lower-division general and proficiency requirements being met except the Foreign Language proficiency. Please refer to <https://www.wm.edu/as/undergraduate/coll/bor-transfer-students/> for more information.
- **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. Applicants who have earned an associate degree while in high school will apply as freshmen.
- **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.

## 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](http://www.TransferVirginia.org)

## WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- In Fall 2024, the transfer acceptance rate was 45%
- In Fall 2025, the transfer acceptance rate was 50%

Learn more about applying at [www.TransferVirginia.org](http://www.TransferVirginia.org)

## FOREIGN LANGUAGE PROFICIENCY

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 4<sup>th</sup> level of one foreign language in high school
- Receive AP, IB or transfer credit for the 202 level or higher
- Complete a college-level course at the 202 level or higher

## ARTS PROFICIENCY

This requirement will be satisfied by two credits with an Arts Proficiency attribute in the same creative or performing art. Examples include dance, creative writing, art, and speech. 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.