Bachelor of Science in Computer Science
Associate Transfer Degree Plan in Computer Science

TRANSFER GUIDE
Catalog Years: 2024-2025

COURSE REQUIREMENTS

Complete at VCCS				Complete at Virginia Tech					
BACHELOR'S DEGREE REQUIREMENT		**SATISFIED BY**		**BACHELOR'S DEGREE REQUIREMENT**		1st sem (fall)	2nd sem (spring)	3rd sem (fall)	4th sem (spring)
Course	**Credits**	**CC Course**	**Notes**	**Course**	**Credits**	**Notes**			
VT 1XXX	1-2	SDV 100 or 101		MATH 2114	3				
ENGL 1105	3	ENG 111		CS 1944	1				
ENGL 1106	3	ENG 112		CS 2104	3				
Pathways Concept 2	3	Any UCGS Art or Humanities		Communications Elective	3				
Pathways Concept 2	3	Any UCGS Art, Humanities, or Lit	This course must come from a different group than prior requirement.	MATH 3134	3				
Pathways Concept 3	3	Any UCGS History		CS 2506	3				
Pathways Concept 3	3	Any UCGS Social/Behav Science	This course may not be a history course.	CS 3114	3				
Pathways Concept 4	4	BIO 101 Gen Bio I, CHM 111 Gen Chem I, PHY 241 Univ Phys I		Prof. Writing Elective	3				
MATH 1225	4	MTH 263		Statistics Elective	3				
MATH 1226	4	MTH 264		CS 3214	3				
CS 1064 (free elective)	3	CSC 221		CS 3604	3				
CS 1114	4	CSC 222		CS 3/4/5XXX elective x 2	6	Two different courses			
CS 2114	4	CSC 223		CS 3304	3				
MATH 2534	3	CSC 208 or MTH 288		CS Theory Elective	3				
CS 2505	3	CSC 215		CS 4944	1				
Advanced Natural Science Elective	4	BIO 102 Gen Bio II, CHM 112 Gen Chem II, PHY 242 Univ Phys II	Second semester of the previously selected Natural Science course	CS Capstone (4xxx)	3				
MATH 2204	4	MTH 265		CS 4/5XXX elective	3				

ENGE 1215	2	EGR 121		CS Technical Elective	3	
ENGE 1216	3	EGR 122		Natural Science Elect	4	
				Free Electives	10	
CREDITS PRE-TRANSFER: 61 - 62				**CREDITS POST-TRANSFER: 67 (for degree total of 123 hours)**		

TRANSFER GUIDANCE

Guaranteed Admission Agreement

Students who complete the prescribed curriculum and meet the criteria below are guaranteed admission into Virginia Tech and directly into the Computer Science Major:

- Earn a transfer associate degree AS in Computer Science (or AS/AA&S in Engineering with Computer Science specialization)
- Earn a minimum of 3.2 GPA for the associate degree.
- Applicants for this major can be guaranteed for the Spring, Summer, or Fall entry terms.
- Register your intent in the Transfer Virginia Portal to use this guarantee after the completion of 15 credit hours and prior to the completion of 30 hours.
- Complete all steps of the formal admissions application process by the appropriate deadlines for the intended term of entry. Most applicants pursuing guaranteed admission will apply as they are finishing their associate degree.

IMPORTANT LINKS & DATES:

- **Transfer Initiatives Office:** https://advising.vt.edu/transfer-student-advising.html
- **Register Intent to Transfer:** By completion of 30 hours at www.TransferVirginia.org
- **Admission Application:** Find full application instructions and applicable deadlines at: https://vt.edu/admissions/transfer/checklist.html
- **Financial Aid:** https://www.finaid.vt.edu
- **FAFSA** - Free Application for Federal Student Aid: March 1 for fall semester at 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, complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center at https://www.TransferVirginia.org
- Connect with an advisor at your community college and Virginia Tech within your first year. College Connect available in your account of https://www.TransferVirginia.org

IS THIS DEGREE RIGHT FOR ME?

- The Bachelor of Science degree in Computer Science is accredited by the Computing Accreditation Commission of ABET.

- Computer Science is currently the largest major in the College of Engineering, graduating roughly 350 students a year.
- Students can choose among three majors: Computer Science, Secure Computing, or Data-Centric Computing. More details at https://cs.vt.edu/Undergraduate.html
- Students are encouraged to participate in undergraduate research with faculty at Virginia Tech

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

- **Associate Transfer Degree Completion:** The completion of an Associate Degree results in all lower-division general education requirements being met when you transfer to Virginia Tech.
- **Credit for Prior Learning:** AP, IB, and CLEP are evaluated for credits https://www.registrar.vt.edu/Advanced-Standing-Transferable-Credit.html
- **Catalog Year:** Catalog year determined by first semester of attendance at Virginia Tech.
- **Dual Enrollment – Completion of Associate Degree in HS:** The completion of an Associate Degree concurrent with high school results in up to half the required credits (123) towards a CS degree, with all general education courses satisfied. Students will be enrolled as a freshman for orientation and engagement purposes.

IS THIS COLLEGE RIGHT FOR ME?

- Located in rural area, with 2600 acre campus, 37,000 on and off campus students, and a 14:1 student-faculty ratio
- Transfer students have both on-campus and off-campus housing options, including a living community on campus just for transfer students (all majors). https://llp.vt.edu/llc/transfer.html
- Virginia Tech is a diverse campus with students from over 40 states and 115 countries.
- Students can attend full-time or part-time.
- Classes are most typically offered Monday – Friday, 8am – 5pm

Learn more about our university at https://vt.edu/about/facts-about-virginia-tech.html

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 Virginia Tech

WHAT CAN I DO WITH THIS DEGREE?

- Undergraduate courses in computer science help students master the theoretical and practical foundations of computer science. Computer science students apply these skills in areas including bioinformatics, data mining & analytics, high performance computing, human computer interaction, mobile computing, security and software engineering.
- Explore possible careers, salaries, and job outlook at https://www.TransferVirginia.org and https://eng.vt.edu/academics/undergraduate-students/explore-engineering.html

PROGRAM SUCCESSES & HIGHLIGHTS

- More than 90% of undergraduate computer science students have a job before they graduate.

- The median starting salary of 22/23 CS graduates was $90,000 (with a median bonus of $10,000)

WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

Each year around 400-450 VCCS transfer students apply for admission to a program in the Virginia Tech College of Engineering. Between 60-70% are typically offered admission. The average GPA of transfer students enrolling is 3.5. Learn more about applying at https://vt.edu/admissions/transfer.html

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DO MORE WITH YOUR DEGREE!

- Students may complete an accelerated Master's degree in one additional year of enrollment