TRANSFER GUIDE
Catalog Years: 2024-2026

University of Virginia BS Degree in Computer Science
Associate Transfer Degree Plan in Computer Science

COURSE REQUIREMENTS

Complete at VCCS				Complete at UVA		
BACHELOR'S DEGREE REQUIREMENT		**SATISFIED BY**		**BACHELOR'S DEGREE REQUIREMENT**		**4 SEMESTERS TO BSCS**
Course*	**Credits**	**CC Course**	**Notes**	**Course**	**Credits**	**Notes**
Does not transfer	1-2	SDV 100 or 101		CS 2130	3	Semester 1
HSS Elective (1 of 5)	3	ENG 111		CS 3100	3	Semester 1
ENGR 1020	3	ENG 112 or 113	Prefer ENG 113	CS 3140	3	Semester 1
Unrestricted Elective (1 of 5)	3	Any UCGS Art or Humanities	HSS Elective if course content meets criteria*	STS 2600	3	Semester 1
Unrestricted Elective (2 of 5)	3	Any UCGS Art, Humanities, or Lit	This course must come from a different group than prior requirement. HSS Elective if course content meets criteria*	Math and Science Elective	3	Semester 1
HSS Elective (2 of 5)	3	Any UCGS History		HSS Elective (4 of 5)	3	Semester 1
HSS Elective (3 of 5)	3	Any UCGS Social/Behav Science	This course may not be a history course.	CS Elective (1 of 5)	3	Semester 2
CHEM 1410/1411	4	CHM 111		CS Elective (2 of 5)	3	Semester 2
Unrestricted Elective (3 of 5)	4	MTH 263	MTH 263 prerequisites not in this transfer guide. Discuss with community college advisor if applicable.	CS 3240	3	Semester 2
APMA 1110	4	MTH 264		HSS Elective (5 of 5)	3	Semester 2
PHYS 1425/1429	4	PHY 241		APMA 3100	3	Semester 2
PHYS 2415/2419	4	PHY 242		APMA Elective 1	3	Semester 2. Choose from: 1) APMA 2130; 2) APMA 3080; 3) either APMA 3120 or APMA 3150
APMA 2120	4	MTH 265		CS 3120	3	Semester 3
CS 1110	3	CSC 221	Students will learn two languages over the course of the CSC 221-222-223 Sequence. Languages: C++, Java, Python	CS 3130	4	Semester 3

Unrestricted Elective (4 of 5)	4	CSC 222	3 credits for unrestricted elective 1 credit for CS 2130	APMA Elective 2	3-4	Semester 3, Choose from: 1) APMA 2130; 2) APMA 3080; 3) either APMA 3120 or APMA 3150)
CS 2100	4	CSC 223		STS 4500	3	Semester 3
CS 2120	3	CSC 208 or MTH 288		CS Elective (3 of 5)	3	Semester 3
CS 2130	3	CSC 215	Recommend also taking CSC 205 at VCCS OR take CS 2130 at UVA before taking CS 3130	CS Elective (4 of 5)	3	Semester 4
ENGR 1010 (1 of 2)	2	EGR 121	Both EGR 121 & 122 to satisfy ENGR 1010	CS Elective (5 of 5)	3	Semester 4
ENGR 1010 (2 of 2)	3	EGR 122		CS Capstone Thesis	3	Semester 4, Choose between CS 4980 OR CS 3xxx/4xxx AND CS 4991
				Unrestricted Elective (5 of 5)	3	Semester 4, Any graded class
				STS 4600	3	Semester 4
CREDITS PRE-TRANSFER: 65-66				**CREDITS POST-TRANSFER: 67-68**		
* HSS = Humanities and Social Science (content primarily on studying cultures, society and people)						

TRANSFER GUIDANCE

Guaranteed Admission Agreement (GAA)

Students who complete the prescribed curriculum and meet the GAA criteria are guaranteed admission into UVA Engineering and directly into the Computer Science Engineering Major.

- To be competitive for admission outside the GAA, students should meet all or nearly all of the program's general education requirements, earn a minimum GPA of 3.0 or better at your current institution, and have 60-63 transferable credits.

This transfer guide shows an optimal path to a bachelor's degree in Computer Science at the University of Virginia. Completing the coursework above will position you to transfer to the University of Virginia in Computer Science with junior standing and the potential to graduate in two years. If you complete the associate degree but haven't taken all of the recommended courses, you may still be able to pursue a Computer Science degree at the University of Virginia, but your time to graduation may be impacted.

IMPORTANT LINKS & DATES:

- **University Transfer Admissions:** https://admission.virginia.edu/admission/transfer
- **Admission Application:** By March 1 at https://www.commonapp.org/
- **Financial Aid:** https://sfs.virginia.edu/, https://sfs.virginia.edu/financial-aid-new-applicants/how-apply-aid-undergrad-programs/how-apply-financial-aid-transfer, https://sfs.virginia.edu/guide-css-profile
- **FAFSA - Free Application for Federal Student Aid:** April 1 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 www.TransferVirginia.org
- Connect with an advisor at your community college and UVA Computer Science within your first year.

IS THIS DEGREE RIGHT FOR ME?

- Computer Scientists learn to write and analyze software: building apps, resolving security flaws, and analyzing which problems can be solved by computers and how efficiently.
- Most CS majors go on to be professional software developers, working in teams to design and build programs, from small apps to large software systems, to be run on phones, computers, and inside specialized hardware like cars, thermostats, cameras, and so on.
- Computer Science is one of many computing fields. If you are interested in computer hardware, drones, or smaller portable smart devices you should consider Computer Engineering. If you are interested in managing servers and networks for large corporations, Information Technology is a better fit. Information Systems focuses on using software others have developed to optimize business outcomes, while Data Science focuses on using software others have developed to extract meaning from large pools of information.
- UVA offers two computer science undergraduate degrees. Both degrees offer unique advantages, so you can choose based on your interests and career goals. For more detailed information, you can visit the UVA Computer Science Undergraduate Programs page. Depending on what VCCS classes you take and get UVA credit for, the Bachelor of Science (BS) in Computer Science in the School of Engineering and Applied Science typically has more post-transfer credits to complete than the Bachelor of Arts (BA) in Computer Science in the College of Arts and Sciences.

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 most first and second year degree requirements being met when you transfer to UVA Engineering.
- **Dual Enrollment – Completion of Associate Degree in HS:** The completion of an Associate Degree concurrent with high school results in 60 credits of coursework towards your UVA Engineering degree and most Engineering general education courses satisfied. Students who earn their Associate Degree while in high school are not eligible for guaranteed admission under the terms of the GAA. Students apply as and enroll as a freshman for orientation and engagement purposes.
- **Credit for Prior Learning:** Consult the Undergraduate Record for Advanced Placement test score (i.e. AP, IB, Military Experience) needed to earn course credit: http://records.ureg.virginia.edu/content.php?catoid=52&navoid=4102#adva_exam
- **Catalog Year:** UVA Engineering honors the general education catalog in effect at the time of the student's first post-high school enrollment into the approved VCCS associate degree. Major requirements will be determined based on the catalog in effect at the time of the student's matriculation to UVA Engineering.

IS THIS COLLEGE RIGHT FOR ME?

- UVA Engineering has the highest four-year graduation rate for all undergrads and for Hispanic, Asian, and African-American students compared to all public engineering schools in the country.
- UVA Engineering has the highest percentage of women students for all engineering schools with at least 200 female graduates per year. Learn more at Degrees Awarded | Institutional Research & Analytics (virginia.edu).
- AccessUVA guarantees 100% of demonstrated need for undergraduates, who are admitted on a need-blind basis.
- UVA engineering emphasizes the integral role of engineering in society, and our grads are widely recognized for their leadership and communication skills.

DID YOU KNOW THAT…

- Completing your Associate transfer degree satisfies lower division general education requirements except Science, Technology and Society requirement 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 the University of Virginia.

WHAT CAN I DO WITH THIS DEGREE?

- Explore careers of UVA Engineering graduates through the First Destination Reports.
- Explore possible careers, salaries, and job outlook at www.TransferVirginia.org.

PROGRAM SUCCESSES & HIGHLIGHTS

- CS graduates have a very high job placement rate in companies large and small and live in almost every state in the nation and most counties in Virginia.
- UVA CS alumni are ranked among the top in the nation: https://codesignal.com/university-ranking-report/2022/

WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- Any transfer student accepted to the UVA School of Engineering and Applied Sciences may major in Computer Science. There is no additional major application process. We look forward to you joining our program.
- Most enrolling applicants are admitted without having met all the guaranteed admission criteria.

DO MORE WITH YOUR DEGREE!

- UVA CS has many student-initiated and student-run clubs and organizations, including the student chapter of international organizations like International Association for Computational Machinery and many local initiatives like the Women in Computer Science group, the student game developers club, and many more.

OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- All UVA engineers complete a senior thesis portfolio, with a Science, Technology & Society research paper and a technical report, and these experiences are integrated into required courses during the senior year.