TRANSFER GUIDE
Catalog Years:

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**		
Course*	**Credits**	**Gen ED****	**CC Course**	**Notes**	**Course**	**Credits**	**Notes**
			SDV 100 or 101		CS 3140	3	Semester 1
HSS Elective (1 of 5)	3	PUA	ENG 111		APMA 3100	3	Semester 1
STS 1500 or ENGR 1020	3	UA	ENG 112 or 113	Prefer ENG 113	STS 2xxx	3	Semester 1
Unrestricted Elective (1 of 5)	3	PUA	Any Humanities or Fine Arts (PHI 220 may be required)		CS Elective (1 of 5)	3	Semester 1, Any CS 3xxx/4xxx not otherwise required
Unrestricted Elective (2 of 5)	3	UA	Any Humanities, Fine Arts, or Lit	This course must come from a different group than prior requirement.	HSS Elective (4 of 5)	3	Semester 1
HSS Elective (2 of 5)	3	PUA	Any History		CS 3100	3	Semester 2
HSS Elective (3 of 5)	3	PUA	Any Social/Behav Science	This course may not be a history course.	CS 3240	3	Semester 2
CHEM 1410/1411	4	PUA	CHM 111		CS Elective (2 of 5)	3	Semester 2***
Unrestricted Elective (3 of 5)	3	PUA	MTH 263		HSS Elective (5 of 5)	3	Semester 2
APMA 1110	4	UA	MTH 264		Unrestricted Elective (4 of 5)	3	Semester 2, Any graded class
PHYS 1425/1429	4		PHY 241		APMA Elective 1	3	Semester 2. Choose from: 1) APMA 2130; 2) APMA 3080; 3) either APMA 3120 or APMA 3150
PHYS 2415/2419	4	UA	PHY 242		CS 3120	3	Semester 3
APMA 2120	4		MTH 265		CS 3130	4	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	APMA Elective 2	3	Semester 3, Choose from: 1) APMA 2130; 2) APMA 3080; 3) either APMA 3120 or APMA 3150)
Math/Sci Elective	4		CSC 222		STS 4500	3	Semester 3
CS 2100	4		CSC 223		CS Elective (3 of 5)	3	Semester 3***
CS 2120	3		CSC 208 or MTH 288		CS Elective (4 of 5)	3	Semester 4***
CS 2130	3		CSC 215		CS Elective (5 of 5)	3	Semester 4***
ENGR 1624 or ENGR 1010 (1 of 2)	2		EGR 121		CS Capstone Thesis	3	Semester 4, Choose between CS 4980 OR CS 3xxx/4xxx AND CS 4991
ENGR 1624 or ENGR 1010 (2 of 2)	2		EGR 122		Unrestricted Elective (5 of 5)	3	Semester 4, Any graded class
					STS 4600	3	Semester 4
CREDITS PRE-TRANSFER: 62					**CREDITS POST-TRANSFER: 64**		

* HSS = Humanities and Social Science (content primarily on studying cultures, society and people)

** A = Completion of the Associate Degree satisfies this General Education Requirement. U = This course satisfies a Uniform Certificate of General Studies requirement. P = This course satisfies a Passport requirement.
***Any CS 3xxx/4xxx not otherwise required

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 BS in Computer Science Major.

- For full details, please refer to our GAA: https://admission.virginia.edu/sites/admission/files/2020-09/VCCS%20UVA%20Transfer%20Agreement%20Enginering.pdf
- 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.

IMPORTANT LINKS & DATES:

- **University Transfer Center:** https://admission.virginia.edu/admission/transfer
- **Register Intent to Transfer:** By end of first semester through College Connect at www.TransferVirginia.org
- **Admission Application:** By March 1 at https://admission.virginia.edu/
- **Financial Aid:** https://sfs.virginia.edu/, https://sfs.virginia.edu/financial-aid-new-applicants/how-apply-aid-undergrad-programs/how-apply-financial-aid-transfer
- **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. College Connect available in your account of www.TransferVirginia.org

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.

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 course work towards your degree and most general education courses satisfied. Students enroll as a freshman for orientation and engagement purposes.
- **Credit for Prior Learning:** Consult the Undergraduate Record for AP test score needed to earn course credit: http://records.ureg.virginia.edu/content.php?catoid=52&navoid=4102#adva_exam
- **Catalog Year:** Catalog year determined by first semester of attendance at the community college post high-school graduation.

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 75 graduates per year.
- 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.

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 the University of Virginia?

WHAT CAN I DO WITH THIS DEGREE?

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

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
- Students who complete an Associate's degree in Engineering or Science from VCCS with a GPA of 3.4 are guaranteed admissions, but many who do not automatically qualify are also accepted. Learn more about applying at www.TransferVirginia.org

DO MORE WITH YOUR DEGREE!

- UVA CS has many student-initiated and student-run clubs and organizations, including 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, but these experiences are integrated into required courses during the senior year.