

COURSE REQUIREMENTS

Complete at VCCS					Complete at University of Virginia		
BACHELOR'S DEGREE REQUIREMENT		SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		SUMMER + 4 SEMESTERS TO BSChE
Course*	Credits	Gen ED**	CC Course	Notes	Course	Credits	Notes
Does not transfer	1-2		SDV 100 or 101		CHE 2215	3	Summer prior to first semester
HSS Elective 1	3	PUA	ENG 111		CHE 2216	4	Summer prior to first semester
STS 1500 OR ENGR 1020	3	UA	ENG 112 OR ENG 113	Prefer ENG 113	CHEM 2411	3	Semester 1
Unrestricted Elective 1	3	PUA	Any UCGS Humanities or Fine Arts		CHE 3316	4	Semester 1
Unrestricted Elective 2	3	UA	Any UCGS Humanities, Fine Arts, or Lit	This course must come from a different group than prior requirement.	CHEM 3610	3	Semester 1
HSS Elective 2	3	PUA	Any UCGS History		STS 2xxx	3	Semester 1/J-term
HSS Elective 3	3	PUA	Any UCGS Social/Behav Science	This course may not be a history course.	CHE 3321	3	Semester 1
Unrestricted Elective 3	3	PUA	MTH 263	MTH 263 prerequisites are not included in this transfer guide, but should be discussed with community college advisor if applicable.	Math/Science Course	1	Approved Math/Science course by department to fulfill 4 <sup>th</sup> credit of APMA 2130
APMA 1110	4		MTH 264		CHE 2202	3	Semester 2
APMA 2120	4	UA	MTH 265		CHE 3318	3	Semester 2
APMA 2130	3	UA	MTH 267	Need additional 1 credit of ENGR electives to fully satisfy APMA 2130	CHE 3322	4	Semester 2
APMA 3110	3		MTH 283		CHE 3398	3	Semester 2
PHYS 1425/1429	4	PUA	PHY 241		Engineering Elective	3	Semester 2
PHYS 2415/2419	4	A	PHY 242		CHE Elective I	3	Semester 3
CHEM 1410/1411	4	A	CHM 111		CHE 4474	2	Semester 3
CHEM 1420/1421	4		CHM 112		CHE 4475	1	Semester 3

ENGR 1624 OR ENGR 1010	2		EGR 121	Both EGR 121 & 122 to satisfy ENGR 1624 OR ENGR 1010	CHE 4491	3	Semester 3
ENGR 1624 OR ENGR 1010	3		EGR 122	Only 2 credits will be applied to ENGR 1624 OR ENGR 1010	STS 4500	3	Semester 3
CS 1110	3		CSC 221		CHE 4476	3	Semester 4
CHEM 2410	3		CHM 241		CHE Elective II	3	Semester 4
CHEM 2411	3		CHM 242		Technical Elective	3	Semester 4
					STS 4600	3	Semester 4
CREDITS PRE-TRANSFER: 66-67					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.

## TRANSFER GUIDANCE

### Guaranteed Admission Agreement

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

- For full details, please refer to our [GAA](https://admission.virginia.edu/sites/admission/files/2020-09/VCCS%20UVA%20Transfer%20Agreement%20Engineering.pdf):  
<https://admission.virginia.edu/sites/admission/files/2020-09/VCCS%20UVA%20Transfer%20Agreement%20Engineering.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 higher at your current institution, and have 60-64 transferable credits.

### 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>
- FAFSA - Free Application for Federal Student Aid and CSS Profile:** 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](http://www.TransferVirginia.org)
- Connect with an advisor at your community college and in Chemical Engineering at the University of Virginia within your first year.

### IS THIS DEGREE RIGHT FOR ME?

- Chemical engineers use their training in mathematics and the natural and physical sciences to work on and solve pressing engineering challenges including those related to energy, sustainability, health, etc.
- [Why Chemical Engineering?](#)
- [UVA ChE students talk about the program](#)
- [UVA ChE undergraduate research](#)
- [ChE @ UVA News](#)

### 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 most first and second year degree requirements being met. Students apply and enroll as first years for orientation and engagement purposes.
- Credit for Prior Learning:** Consult the [Undergraduate Record](#) under Admission and Advanced Examination and Military-Related Experience to learn more about how to earn course credit.
- 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 200 female graduates per year. Learn more at <https://ira.virginia.edu/university-stats-facts/degrees-awarded>.

- 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 post-high school satisfies most 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 careers of UVA Engineering graduates through the [First Destination Reports](#).
- Explore possible careers, salaries, and job outlook at [www.TransferVirginia.org](http://www.TransferVirginia.org)

#### PROGRAM SUCCESSES & HIGHLIGHTS

- The relatively small class size of UVA Chemical Engineering (about 45 grads per year) helps create a close community between students and faculty
- [UVA ChE alum led the development of Pfizer's COVID vaccine](#)
- [UVA ChE students succeed at national competitions](#)
- [UVA ChE mentorship program](#)

#### WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

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

#### DO MORE WITH YOUR DEGREE!

- Chemical engineering undergraduate students often participate in the American Institute of Chemical Engineers (AIChE) Student Chapter at UVA.
- Many students are active participants in the Women in Chemical Engineering (WICHe) organization, Wahoo Wizards service organization or other [professional/service groups](#).
- The majority of UVA chemical engineering majors complete at least one paid internship or research experience (typically during the summer).

#### 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. These experiences are integrated into required courses during the fourth year.