

TransferVA – Chemistry Two-Year Curriculum Final Spring 2024  
Current Master Course File: <https://courses.vccs.edu>

	Associate Degree Requirements	credits	VCCS Courses
	Student Development	1-2	SDV 100 or 101
UCGS	Written Communication	3	ENG 111
		3	ENG 112 or 113
	Humanities, Art, and Literature	3	Any UCGS Art or Humanities course
		3	Any UCGS Art, Humanities, or Literature course (must be from different category than previous course)
	Social & Behavioral Sciences	3	Any UCGS Social & Behavioral Science course
		3	Any UCGS History course
	Math	4	MTH 263 Calculus I
	Lab Science	4	CHM 111 Chemistry I
	Gen Ed	4	CHM 112 Chemistry II
	Gen Ed	4	MTH 264 Calculus II
Major Requirements	Major Requirement	8	PHY 241 - 242 Univ Physics 1 & 2 OR PHY 201 - 202 College Physics 1 & 2
	Major Requirement	5	CHM 241 (Organic Chem I) and CHM 245 (Organic Chem Lab I)
	Major Requirement	5	CHM 242 (Organic Chem II) and CHM 246 (Organic Chem Lab II)
	Additional Major Options	Up to 9	<p><b>If students have completed all prerequisites and other college requirements, they can select up to 9 credits from:</b></p> <p>BIO 101 General Biology I BIO 102 General Biology II BIO 206 Cell Biology MTH 245 Statistics Additional transfer courses</p> <p><i>Students should consult 4-year college transfer guide for guidance on course selection</i></p>

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Prerequisites, additional associate degree requirements, and other courses	Prerequisites, additional associate degree requirements, and other courses	Up to 9	Students who have completed all prerequisites (MTH 161-162 or 167) and community college requirements should take additional courses from the rows above or transfer elective courses to fulfill the 60-62 credit requirement.  <i>Consult transfer guides on <a href="http://www.transfervirginia.org">www.transfervirginia.org</a>, and community college advisor for additional guidance.</i>
	Total Hours	60 - 62	