

TransferVA – Mathematics Two-Year Curriculum Final Spring 2023

Current Master Course File: <https://courses.vccs.edu>

	Associate Degree Requirements	CR	VCCS Courses
	Student Development	1-2	SDV 100 or 101
<b>UCGS</b>	Written Communication	3	ENG 111
		3	ENG 112 or ENG 113
	Humanities, Lit, & Fine Arts (6 credits picking from 2 different areas)	3	Any UCGS Arts or Humanities
		3	Any UCGS Arts, Humanities, or Literature
	Social & Behavioral Sciences (6 credits with 1 HIS and 1 non-HIS)	3	Any UCGS History
		3	Any UCGS Social & Behavioral Science (not History)
	Lab Science	4	Any UCGS Natural Science (PHY 201 or 241 required by some 4-year schools)
Math	4	MTH 263 Calc I	
Institutional-Specific General Education	6	CST 100 or 110 OR ITE 152 OR Other courses required by 2- or 4-year (Students will consult Transfer Guide)	
<b>Pre-major and major requirements</b>	Major Specific	4	MTH 264 Calc II
	Major Specific	4	MTH 265 Calc III
	Major Specific	6	Select 2 courses (6 credits) from this list: MTH 266 Linear Alg MTH 267 Diff Equations MTH 288 Discrete Math CSC 208 Intro Discrete Structures I  Students cannot receive credit for both CSC 208 and MTH 288.
	Major Specific	6-8	Select 2 courses (6-8 credits) from this list: CSC 221 Intro to Problem Solving & Programming MTH 245 Statistics (For students on a statistics track, an elective or module in statistical computing may be required after transfer.) MTH 283 Probability & Statistics PHY 201 General College Physics I PHY 202 General College Physics II PHY 241 University Physics I PHY 242 University Physics II Additional Math course from previous block
	Prerequisites, additional associate degree requirements, and other courses	4-9	Math prerequisites (MTH 161 PreCalculus I / MTH 162 PreCalculus II, MTH 167 PreCalculus with Trigonometry), World Languages (if required), or other college requirements.
	<b>Total Credits</b>	<b>60-62</b>	