

TransferVA – Biology 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
UCGS	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 Art or Humanities
		3	Any UCGS Art, Humanities, or Literature (must be from a different category than previous selection)
	Social & Behavioral Sciences (6 credits with 1 HIS and 1 non-HIS)	3	Any UCGS Social & Behavioral Science (not History)
		3	Any UCGS History
	Lab Science	4	BIO 101
	Math	3-4	MTH 261 Applied Calc I or MTH 263 Calc I or MTH 245 Stats
	General Education	4	BIO 102
	General Education	4	CHM 111
	Major Specific	4	CHM 112
	Major Specific	4	Select 1 course (4 credits) from this list: BIO 205 General Microbiology BIO 206 Cell Biology BIO 256 Genetics
	Major Requirement -- specializations and tracks	4-5	Select 1 course (4 - 5 credits) from this list. BIO 110 General Botany BIO 120 General Zoology BIO 270 Ecology CHM 241 Organic Chem I + CHM 245 Lab

Pre-major and major requirements	<p>Additional Major Options</p> <p>If schedule allows and all other major and college requirements have been completed, students can select additional courses from this list. Consult 4-year college transfer guides for recommendations on accepted major and elective courses.</p>	3-8	<p>Select additional courses as schedule allows:</p> <p>Courses from previous major requirement rows BIO 141 & BIO 142 Anatomy & Physiology BIO 220 Immunology BIO 285 Biological Problems in Contemporary Society CHM242 Organic Chem II + CHM 246 Lab II CHM 260 & CHM 261 Intro Biochemistry CSC 221 Intro to Problem Solving & Programming GOL 105 Physical Geology GOL 106 Historical Geology MTH 245 Statistics PHY 201 & PHYS 202 or PHY 241 & PHYS 242</p> <p>Students should consult 4-year college transfer guide for recommendations on major and elective courses and specific college requirements</p>
	Prerequisites, additional associate degree requirements, and other courses	Up to 12	<p>Prerequisite Biology or Math courses (MTH 161-162 or 167); additional community college-specific transfer courses required for completion of associate degree (eg World Languages, ITE, CST). If students have room in schedule, additional Biology or transfer electives can be taken.</p>
	Total Credits	60-62	