

COURSE REQUIREMENTS

Complete at VCCS				Complete at UVA		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	CC Course	Notes	Course	Credits	Notes
No credit	1-2	SDV 100 College Success Skills or 101 Orientation		STAT 2020 OR 2120	4	Math and Statistics Requirement If MTH 246 not taken at VCCS
				Physics Requirement (8 credits; if not fulfilled at VCCS)		
ENWR 1505	3	ENG 111 College Comp I	Earning a B or better after high school will satisfy First Writing Requirement (FWR)	PHYS 2010 + 2030 OR PHYS 1420 or 1425 + 1429	4	If PHY 201 not taken at VCCS
ENWR 1506	3	ENG 112 College Comp II	Earning a B or better after high school will satisfy FWR	PHYS 2020 + 2040 OR PHYS 2410 or 2415 + 2419	4	If PHY 202 not taken at VCCS
	3	Any UCGS Art or Humanities	These two courses must come from two different disciplines.	Core Course Requirements (9 credits; must be fulfilled at UVA; no more than one core advised per semester)		
	3	Any UCGS Art, Humanities, or Literature		BIOL 3010	3	Genetics
	3	Any UCGS Social & Behavioral Science		BIOL 3000	3	Cell Biology, not recommended during first semester at UVA
	3	Any UCGS History		BIOL 3020	3	Evolution
MATH 1210, MATH 1310	3-4	MTH 261 Applied Calculus I OR MTH 263 Calculus I	Either course contributes to Biology BA Math requirement. Students anticipating enrollment in select courses in mathematics or physical sciences are advised to take MTH 263.	Biology Elective Requirements (must total at least 15 credits; must be fulfilled at UVA)		
BIOL 2100	4	BIO 101 General Biology I	Required for Biology BA; lab must be in person to transfer	BIOL 3000- or 4000-level lab, including MLBS field labs, or 2 semesters of BIOL 4910 or 4920	3-4	One approved lab course, or an MLBS summer field BIOL course, or two semesters of independent research with the same faculty mentor. Lab or field course recommended

BIOL 2200	4	BIO 102 General Biology II	Required for Biology BA; lab must be in person to transfer	BIOL 3030, 3040, 3050, 3090, 3180, 3240, 3250, 3270, 3450	3-4	One specific 3000-level elective. These typically require BIOL 2100 and/or 2200 as prerequisites. BIOL 3030 requires either CHEM 2410 or 1820 (Organic Chemistry I).
CHEM 1410 + 1411	4	CHM 111 General Chemistry I	Required for Biology BA; lab must be in person to transfer	Any BIOL 3000-level or higher (not including BIOL 3000, 3010, or 3020)	7-9	Open electives, enough to reach 15 elective credits. Taking three 3-credit courses at the 3000- or 4000-level is recommended. Speak to your advisor about restrictions/alternative options. Students are strongly advised to take BIOL 3559 for elective credit in their first semester at UVA.
CHEM 1420 + 1421	4	CHM 112 General Chemistry II	Required for Biology BA; lab must be in person to transfer	General education requirements and electives		
BIOL 1006T	4	BIO 205 General Microbiology, BIO 206 Cell Biology, or BIO 256 Genetics	BIO courses will not transfer as major credit for the Biology BA. Biology majors will be required to take Cell Biology and Genetics at UVA.		Up to 36	Reference UVA General Transfer Guide for the College of Arts and Sciences for more information. Students must have 120 credits to graduate. 60 of these credits must be taken at UVA. Second writing requirement must be satisfied at UVA
BIO 110= BIOL 1006T; BIO 207 = BIOL 2000T, BIO 270 = EVSC 2000T, CHM 241 + 245 = CHEM 2410 + 2411	4-5	BIO 110 Gen Botany, BIO 207 Gen Zoology, BIO 270 Ecology, or CHM 241 Organic Chem I + CHM 245 Lab	These BIO courses will not transfer as major credit for the Biology BA. CHM courses will transfer as CHEM 2410 + 2411. Organic Chemistry I is not required for the Biology BA, but is a prerequisite for BIOL 3030 (Biochemistry). CHM 245 Lab must be in person to transfer.			
PHY 201 = PHYS 2010 + 2030; PHY 202 = PHYS 2020 + 2040	3-8	Courses from prior rows, PHY 201 & PHY 202 College Physics I & II , BIO 141 & BIO 142 Anatomy & Physiology, BIO 220 Immunology, CHM 242 Organic Chem II + CHM 246 Lab II, CHM 260 & CHM 261 Intro Biochemistry, CSC 221 Intro to Problem Solving & Programming,	PHY 201 and 202 are strongly recommended as these will satisfy the Biology BA Physics requirement; labs must be in person to transfer. No other courses will transfer as major credit for the Biology BA.			

		ENV 285 Environmental Policy, GOL 105 Phys Geology, GOL 106 Hist Geology, MTH 245 Statistics				
	Up to 12	Math prerequisites (MTH 161 PreCalculus I / MTH 162 PreCalculus II, MTH 167 PreCalculus with Trigonometry), World Languages, other college requirements, or additional transfer electives.	Students are advised to focus on fulfilling the World Language Literacy requirement, as additional Biology electives will not count toward the Biology BA at UVA. If students have room in schedule, additional Biology or transfer electives can be taken.			
CREDITS PRE-TRANSFER: 60-62				CREDITS POST-TRANSFER: 60		

TRANSFER GUIDANCE

Guaranteed Admission Agreement: UVA College of Arts & Sciences

By meeting the following criteria, you are guaranteed admission to the University's College of Arts & Sciences.

This agreement does not guarantee your enrollment in any specific major.

- Be at least one year removed from completion of a secondary-level curriculum.
- Earn a transfer-oriented associate degree in Associate of Arts (AA), Associate of Science (AS), or Associate of Arts & Sciences (AA&S) as identified by the State Council of Higher Education for Virginia (SCHEV). A minimum of 24 transferable credits must be completed at the degree-granting institution. AP or IB test credit will not count toward the minimum credits completed at the associate degree institution.
- Earn a minimum of 45 or more transferable postsecondary credits from the VCCS after completion of a secondary-level curriculum.
- Achieve a cumulative VCCS grade point average of 3.4 or better on a 4.0 scale.
- Earn a grade of C or better in all attempts of each VCCS course taken.
- Submit transfer application for fall entry along with all required transcripts. Coursework must be completed by the end of the spring term in which application is made to the University.
- All students admitted through the GAA will complete the remaining upper-division Literacies general education courses at UVA.

Please visit the TransferVirginia.org portal to find requirements for different majors (Transfer Tools) and **Transfer Guides** that outline course requirements for specific majors. (Resource Center).

See the [VCCS Transfer Programs](#) page for more details in our **Guaranteed Admission Agreement**.

This transfer guide shows an optimal path to a bachelor's degree in the College of Arts & Sciences at the University of Virginia. Completing the coursework above will position you to transfer with junior standing and the potential to graduate in two years. If you complete the associate degree but haven't taken all the recommended courses, you may apply and gain admission to UVA College of Arts & Sciences, but your time to graduation may be impacted.

IMPORTANT LINKS & DATES:

- **Admission application:** By March 1 <https://admission.virginia.edu/admission/transfer>
- **Financial Aid:** <https://sfs.virginia.edu/>
- **FAFSA - Free Application for Federal Student Aid:** <https://studentaid.gov/h/apply-for-aid/fafsa> and **CSS Profile - College Board:** <https://cssprofile.collegeboard.org/>
- **Biology Department Transfer site:** <https://bio.as.virginia.edu/transfer-students>

WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- For a list of transferable VCCS courses, see <https://asc8.eservices.virginia.edu/asequiva>
 - Non-transferable courses reflected as No Credit on the chart
- Once at UVA, a typical workload is 2 BIOL courses per semester. We strongly advise against taking more than one core course (BIOL 3000, 3010, 3020) per semester, and in your first semester we advise taking no more than 2 science courses.
- Students pursuing a career in healthcare sometimes choose to major in Biology at UVA. These pre-health tracks can include pre-medical, pre-dental, pre-optometry, pre-physician assistant, and pre-veterinary tracks. To understand the requirements of your pre-health track, we encourage students to review the requirements of schools they may wish to attend for their graduate degree and consult with our pre-health advisors (<https://career.virginia.edu/Students/Connect/PreHealth>). Some professional and graduate schools prefer that you take certain courses at a 4-year university rather than at your community college (e.g., Organic Chemistry). Taking Physics 201/202 at your community college can give you more time to complete these pre-health requirements while at UVA.
- 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 within your first year. College Connect available in your account at www.TransferVirginia.org

IS THIS DEGREE RIGHT FOR ME?

- Our undergraduate degree programs will help you develop an enduring and knowledgeable appreciation for the science of living systems and a deep conceptual and technical understanding of contemporary biology.
- The undergraduate curriculum in Biology consists of rigorous core courses in genetics, molecular biology, cell biology, ecology and evolution, together with a diverse offering of specialized/advanced elective courses.
- The curriculum also provides a broad grounding in scientific knowledge and quantitative reasoning through foundational courses in math, statistics, physics, and chemistry.
- These courses prepare our graduates for a variety of careers in the biological sciences, including teaching, healthcare and research.
- The B.A. is the major typically taken by pre-health students wishing to major in Biology. The Biology BA is not, however, designed as a pre-health major, and thus pre-health students should consult with pre-health advisors and review requirements of their schools of interest to identify additional courses and preparation that may be needed while at VCCS and UVA.
- Our B.S. degree is designed for students interested in pursuing a career in life sciences research in an academic, industry, or government setting. Students must initially declare the B.A. before considering the B.S. Students considering the B.S. should consult the requirements (<https://bio.as.virginia.edu/requirements-bachelor-science-bs-biology>) as these differ from the B.A. and may require additional preparation while at VCCS.

- Courses in the Biology Department range in enrollment from 200-450 for core courses to 15-100 in upper-level electives.

WHAT IS THE IMPACT ON MY DEGREE OF WORK I HAVE ALREADY COMPLETED?

- **Associate Transfer Degree Completion:** Successful completion of all VCCS coursework with grades of C or better in all attempts of all courses taken for an AA, AS or AA&S from a VCCS college shall satisfy the lower-division general education Discipline requirements of UVA College of Arts & Sciences. Students will be responsible for completing the upper-division (Literacies) coursework described on page 1 of the UVA Arts & Sciences General Transfer Guide.
- **Dual Enrollment – Completion of Associate Degree in HS:** Students earning an Associate Degree concurrently with a high school diploma (or equivalent) are ineligible for guaranteed admission and are encouraged to apply to the University as part of the regular first-time first year admission process.
- **Credit for Prior Learning:** See https://records.ureg.virginia.edu/content.php?catoid=52&navoid=4102#Advanced_Placement_Program for test credit types, scoring thresholds, and equivalent UVA credit.
- **Catalog Year:** UVA will honor the general education requirements of the UVA Catalog in effect at the time of the student's first post-high school enrollment into an appropriate associate degree at the two-year institution. Students who maintain continuous enrollment at the two-year institution have a maximum of four years from their first enrollment at the institution for this catalog designation.

IS THIS COLLEGE RIGHT FOR ME?

The University of Virginia welcomes talented students from across Virginia and around the world to our community. We seek students who are excited to grow, to make each other better, and to lead lives of purpose, impact, and service. At UVA, you will find a commitment to financial aid that puts college within reach, as well as talented and caring faculty and staff who are ready to support you once you arrive in Charlottesville.

A student who satisfies the requirements specified in this Agreement receives a maximum of 60 transfer and/or test credits toward the UVA Arts and Sciences degree and will enter the College of Arts and Sciences as a third-year student. To earn a degree from UVA College of Arts and Sciences, a student must complete the following steps.

- Earn a total of 120 credits, of which a minimum of 60 must be earned at UVA with a cumulative GPA of 2.00 or better.
 - Declare or defer a major no later than the second week of residency at the University.
- Although external credit may fulfill most general education requirements, there are limitations to satisfying major requirements with external credit.
- Complete any remaining Literacy requirements.

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 UVA.

WHAT CAN I DO WITH THIS DEGREE?

- Explore possible careers, salaries, and job outlook at www.TransferVirginia.org

- See careers listed on our website: <https://bio.as.virginia.edu/careers-life-sciences>
- We encourage students to connect with our Career Center <https://career.virginia.edu/>
- Many pre-health students earn the Biology BA degree. We encourage students to connect with our pre-health advisors: <https://career.virginia.edu/Students/Connect/PreHealth>

PROGRAM SUCCESSES & HIGHLIGHTS

- The department has 40 faculty who are actively engaged in teaching and research. Our active and diverse research programs earn competitive funding from NIH, NSF and other major funding agencies, and our research is supported by a large community of undergraduate, graduate, and postdoctoral researchers.
- Our program offers students many ways to engage in biology, including hands-on lab classes, departmental seminars, independent research, and stays at our remote field station in southwestern Virginia.
- Our major completion rate exceeds 90% on average.

WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

If you apply through general application instead of through the GAA, you will be considered for admission with all other transfer applicants.

DO MORE WITH YOUR DEGREE!

- We offer a specialization in Environmental and Biological Conservation in collaboration with the Department of Environmental Sciences
- Students specifically interested in a career in life sciences research might consider the B.S. degree
- Mountain Lake Biological Station is a residential field station in the southern Appalachians of southwest Virginia. Field lab courses are offered at the station over the summer, and these meet elective requirements for the BA.
- Transfer students can get involved with our Biology Transfer Mentoring program and serve as mentors for incoming transfer students.
- Many of our students are involved in independent research: <https://bio.as.virginia.edu/undergraduate-research>
- UVA students engage in many biology-related clubs and organizations, including the Biology Society, Phi Delta Epsilon Medical Fraternity, the American Medical Student Association, the Bioethics Society, and Eco-Leaders. Some Biology students participate in an international synthetic biology competition known as iGEM: <https://engineering.virginia.edu/offices-programs/igem>.

OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- There are no other program requirements for the BA.