

Marymount University - Bachelor of Science in Biology

Associate Transfer Degree Plan in Biology

COURSE REQUIREMENTS

Complete at VCCS				Complete at Marymount University		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	CC Course	Notes	Course	Credits	Notes
No credit awarded.	1-2	SDV 100 College Success Skills or 101 Orientation		BIO 323	1	BIO 123 and BIO 223SL are waived for students entering as juniors.
EN 101	3	ENG 111 College Comp I		BIO 300	3	
EN 102	3	ENG 112 College Comp II		BIO 368	3	
Art Course recommended	3	Any UCGS Art or Humanities	These two courses must come from two different disciplines.	BIO 400	3	
Literature Course recommended	3	Any UCGS Art, Humanities, or Literature		BIO 423	3	
	3	Any UCGS Social & Behavioral Science		BIO 260 & BIO 260L	4	Will need to complete if BIO 205 is not completed at VCCS school.
BIO 151 & BIO 151L	4	BIO 101 General Biology I		BIO 262 & BIO 262L	4	Will need to complete if BIO 256 is not completed at VCCS school.
MA 181	3-4	MTH 263 Calculus I	MA 181 is required for the Biology major.	BIO 363	3	Will need to complete if BIO 206 is not completed at VCCS school.

	3	Any UCGS History		CHM 221	3	Will need to complete if CHM 241 is not completed at VCCS school.
BIO 152 & BIO 152L	4	BIO 102 General Biology II		CHM 221L	1	Will need to complete if CHM 245 is not completed at VCCS school.
CHM 151 & CHM 151L	4	CHM 111 General Chemistry I		CHM 222	3	Will need to complete if CHM 242 is not completed at VCCS school.
CHM 152 & CHM 152L	4	CHM 112 General Chemistry II		CHM 222L	1	Will need to complete if CHM 246 is not completed at VCCS school.
BIO 205 = BIO 260 & BIO 260L; BIO 206 = BIO 363 & BIO 900; BIO 256 = BIO 262 & BIO 262L	4	BIO 205 General Microbio, BIO 206 Cell Biology, or BIO 256 Genetics	All are required for the BS in Biology at MU, so students can complete any of the three options.	PHYS 271 & PHYS 271L	4	Will need to complete if PHY 241 is not completed at VCCS school.
BIO 110 = BIO 250 & BIO 250L (counts toward Biology major elective requirements) CHM 241 = CHM 221 (required for Biology major) CHM 245 = CHM 221L & CHM 900 (required for Biology major)	4-5	BIO 110 Gen Botany, BIO 120 Gen Zoology, BIO 270 Ecology, or CHM 241 Organic Chem I + CHM 245 Lab	CHM 241 & CHM 245 strongly recommended as those are required for the major. BIO 110 will count as an elective for the major (BIO 250 & BIO 250L). MU Equivalencies: BIO 110 = BIO 250 & BIO 250L (Biology major elective requirement); BIO 120 = BIO 901 & 901L (general elective); BIO 270 = BIO 110 & 110L (general elective); CHM 241 = CHM 221 (required for BIO major); CHM 245 = CHM 221L & CHM 900 (required for BIO major).	PHYS 272 & PHYS 272L	4	Will need to complete if PHY 242 is not completed at VCCS school.
BIO 205 = BIO 260 & BIO 260L BIO 206 = BIO 363 & BIO 900 BIO 256 = BIO 262 & BIO 262L BIO 220 = BIO 444 (counts toward Biology major elective requirements)	3-8	Courses from prior rows, 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	Students are encouraged to complete two courses from BIO 205, BIO 206, and BIO 256 as all of those courses are required for the Biology major. Additional recommended course options from this list are: CHM 241 and CHM 245 (required for Biology major); CHM 242 and CHM 246	MA 181	4	Will need to complete if MTH 263 is not completed at VCCS school.

<p>CHM 242 = CHM 222 (required for Biology major)</p> <p>CHM 246 = CHM 222L & CHM 900 (required for Biology major)</p> <p>PHY 241 = PHYS 271, PHYS 271L, & PHYS 900 (required for BIO major)</p> <p>PHY 242 = PHYS 272, PHYS 272L, & PHYS 900 (required for BIO major)</p>		<p>221 Intro to Problem Solving & Programming, ENV 285 Environmental Policy, GOL 105 Phys Geology, GOL 106 Hist Geology, MTH 245 Statistics, PHY 201 & PHYS 202 College Physics I & II, or PHY 241 & PHY 242 Univ Physics I & II</p>	<p>(required for Biology major); PHY 241 (required for Biology major); PHY 242 (required for Biology major); BIO 220 (Biology major elective requirement) MU Equivalencies: BIO 141 = BIO 161 & BIO 161L (general elective); BIO 142 = BIO 161 & BIO 162L (general elective); BIO 220 = BIO 444 (Biology major elective requirement); CHM 242 = CHM 222 (required for Biology major); CHM 246 = CHM 222L & CHM 900 (required for Biology major); CHM 260 = CHM 125 (general elective); CHM 261 = CHM 125L (general elective); CSC 221 = IT 900 (general elective); ENV 285 = OPN 999 (general elective); GOL 105 = GEOL 102 & GEOL 102L (general elective); GOL 106 = PSC 901 & PSC 901L (general elective); MTH 245 = MA 132 (general elective); PHY 201 = PHYS 161 & PHYS 161L (general elective); PHY 202 = PHYS 162 & PHYS 162L (general elective); PHY 241 = PHYS 271, PHYS 271L, & PHYS 900 (required for Biology major); PHY 242 = PHYS 272, PHYS 272L, & PHYS 900 (required for Biology major).</p>			
<p>Math prerequisite courses will just count toward the 120 credits required for graduation. They will not complete specific major requirements.</p>	<p>Up to 12</p>	<p>Math prerequisites (MTH 161 PreCalculus I / MTH 162 PreCalculus II, MTH 167 PreCalculus with Trigonometry), World Languages, other college requirements, or</p>	<p>If students have room in schedule, additional Biology or transfer electives can be taken.</p>	<p>Biology Major Electives</p>	<p>10</p>	<p>Credits will vary based on required major coursework completed at VCCS school.</p>

		additional transfer electives.				
				TRS 100	3	required LAC course
				General Electives	6	Credits will vary based on required major coursework completed at VCCS school.
CREDITS PRE-TRANSFER: 60-62				CREDITS POST-TRANSFER: 63		

TRANSFER GUIDANCE

Guaranteed Admission Agreement

By meeting the following criteria, you are guaranteed admission to Marymount University:

- Virginia Community College (VCCS) students graduating from transfer-oriented degree programs with a cumulative GPA of 2.5 or higher on a four-point scale are guaranteed admission.
- This policy applies to undergraduate majors.
- Students must have upheld standards of student conduct. VCCS students who do not meet these terms may still apply and be considered for admission, although admissions are not guaranteed. Marymount University reserves the right to deny admission or enrollment to students who have been academically dismissed or suspended or to those convicted because of a felony.

Students with 2.2-2.5 GPAs are encouraged to apply. We always review individual cases.

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

- Please create an account through the www.TransferVirginia.org portal and click College Connect to indicate your intent to use this guarantee for admission to Marymount University.
- This transfer guide shows an optimal path to a bachelor's degree in Biology at Marymount University. Completing the coursework above will position you to transfer to Marymount University in Biology with junior standing and the potential to graduate in two years.

IMPORTANT LINKS & DATES:

- **University Transfer Center:** [Transfer Marymount](#)
- **Register Intent to Transfer:** Through College Connect at www.TransferVirginia.org
- **Admission Application:** [Application Link](#)
- **Financial Aid:** More information can be found [here](#).
- **FAFSA - Free Application for Federal Student Aid:** 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, and complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center www.TransferVirginia.org

- Connect with an advisor at your community college and Marymount University within your first year. College Connect is available in your account at www.TransferVirginia.org

IS THIS DEGREE RIGHT FOR ME?

- Students should work with their academic advisors to determine their best path to completing their desired bachelor's degree.
- Once deposited, students will receive a custom evaluation and pathway recommendations from the registrar's office.

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

- **Associate Transfer Degree Completion:** The completion of the transfer-oriented degree program will satisfy the Core Curriculum (lower division/general education) requirements except for a required Inquiry into Theology course. Students will need to complete all other University, college, and departmental requirements in order to obtain the baccalaureate degree from MU.
- Transfer students have the option of choosing to live on-campus or off-campus within the local area.
- Over 69% of students receive some form of financial aid.
- 22 Division III intercollegiate varsity programs - Men's and Women's teams and 30+ student organizations.

Learn more about our university at www.TransferVirginia.org.

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 Marymount University?

WHAT CAN I DO WITH THIS DEGREE?

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

PROGRAM SUCCESSES & HIGHLIGHTS

- Strong faculty commitment to providing undergraduate research opportunities

- **Dual Enrollment** – Completion of Associate Degree in HS: Dual Enrollment students seeking admission to MU with credits from DE will be reviewed for degree pathways by assigned academic advisor once they have deposited.
- **Credit for Prior Learning:** Credits are reviewed and a decision is granted from the Registrar.
- **Catalog Year:** Students will be subject to the catalog in effect at the time of enrollment at MU unless otherwise requested.

IS THIS COLLEGE RIGHT FOR ME?

- Located in the city of Arlington, Marymount University's campus community is well-known for strong faculty/student bonds, vibrant student life and a commitment to student support.
- Situated in the stunning landscape of Northern Virginia, there are plenty of nearby opportunities to explore the outdoors and Washington, D.C. is our backyard! just six miles from the nation's capital.
- The University offers its nearly 4,000 students a wide array of bachelor's, master's, and doctoral degrees through its Colleges of Business, Innovation, Leadership, and Technology; Health and Education; and Sciences and Humanities.
 - Exciting and relevant internship sites available, including the National Science Foundation, National Institutes of Health, Smithsonian, AstraZeneca, Virginia Hospital Center, Inova Fairfax, and the Arlington Free Clinic

WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- We accept 80% of our transfer applicants
- Learn more about applying at www.TransferVirginia.org.

DO MORE WITH YOUR DEGREE!

- Research scientist
- Environmental Conservationist
- Nurse, Physician, Dentist, Veterinarian, Teacher, Roles focused on Science Policy (with further education)

OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. All students also must fulfill Liberal Arts Core and University requirements, and some of these courses also satisfy those requirements. Some coursework also fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.