

# Radford University Bachelor of Science in Medical Laboratory Science

## Associate Transfer Degree Plan in Biology

**TRANSFER GUIDE**  
**Catalog Years: 2026-2027**

### COURSE REQUIREMENTS

Complete at VCCS				Complete at Radford University		
BACHELOR'S DEGREE REQUIREMENT		SATISFIED BY		BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	CC Course	Notes	Course	Credits	Notes
UNIV 100 or BIOL 160	1-2	SDV 100 or 101		BIOL 111	4	Only needed if BIOL 101 not transferred
ENGL 111	3	ENG 111 English Comp I	Satisfies foundational writing credits	BIOL 112 Integrative Biology II	4	Prerequisite BIOL 111 or BIO 102 Only needed if BIO 102 not transferred
ENGL 112	3	ENG 112 English Comp II or 113 Technical Wrtg	Satisfies a writing intensive requirement	BIOL 222 Evolution or BIOL 231 Genetics, Evolution and Development	3	Can choose either course
Fulfills Gen Ed	3	Any UCGS Art or Humanities			3	Prerequisite 4-credits BIOL or CHEM; required course and pre-req. for advanced BIOL courses
Fulfills Gen Ed	3	Any UCGS Art, Humanities, or Literature	This course must come from a different discipline than required course above.	BIOL 412	3	Only needed if BIOL 220 not transferred
Fulfills Gen Ed	3	Any UCGS Social & Behavioral Science	PSY 200 (RU transfer PSYC 121) or SOC 200 (RU transfer SOCY 110) recommended	Science Electives	Up to 9	An additional 6-9 credits of science elective coursework is required, chosen based on student interests, with at least 3 credits at the 300- or 400-level. Recommend Anatomy & Physiology I/II, Pathophysiology, Parasitology, Biochemistry I/II, General Physics I/II
BIOL 111	4	BIO 101 General Biology	Fulfills major requirement			
STAT 200	3	MTH 261 Applied Calculus 1, MTH 263 Calculus 1, or MTH 245 Statistics	Recommend MTH 245			

BIOL 112	4	BIO 102 General Biology II	Fulfills major requirement	MLAB 401	14	Course only offered at Roanoke location, must complete all prerequisites and degree requirements prior to enrolling. Co-requisite MLAB 421C.
Fulfills Gen Ed	3	Any UCGS History		MLAB 421C	4	Course only offered at Roanoke location, must complete all prerequisites and degree requirements prior to enrolling. Co-requisite MLAB 401.
CHEM 111	4	CHM 111 General Chemistry I	Fulfills major requirement	MLAB 411	14	Course only offered at Roanoke location, must complete all prerequisites and degree requirements prior to enrolling. Co-requisite MLAB 431C.
CHEM 112	4	CHM 112 General Chemistry II	Fulfills major requirement.	MLAB 431C	4	Course only offered at Roanoke location, must complete all prerequisites and degree requirements prior to enrolling. Co-requisite MLAB 411.
BIOL 334	4	BIO 205 General Microbiology, BIO 206 Cell Biology, or BIO 256 Genetics	Recommend BIO 205 to fulfill major requirement.	Additional coursework at RU or VCCS to reach 120 credit hours		Any hours taken through the VCCS to count toward the 120 credit hour requirement for a BS degree must be a transfer class with at least a C earned.
CHEM 301	4-5	BIO 110 Gen Botany, BIO 120 Gen Zoology, BIO 270 Ecology, or CHM 241 Organic Chem 1 + CHM 245 Lab	Recommend CHM 241 + CHM 245 to fulfill major requirement.			
BIOL 412	4	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 221 Intro to Problem Solving &	Recommend BIO 220 to fulfill major requirement.			

		Programming, EVN 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				
MATH 125	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.	Recommend MTH 161 transfers as MATH 125 and meets foundational math requirement and any other courses not completed from previous recommendations.			
<b>CREDITS PRE-TRANSFER: 60-62</b>				<b>CREDITS POST-TRANSFER: 58-60</b>		

## TRANSFER GUIDANCE

### Guaranteed Admission Agreement

By meeting the following criteria, students who complete the prescribed curriculum and meet the criteria are guaranteed admission into Radford University.

- Earn a transfer associate degree
- Earn a minimum of 2.8 GPA for the associate degree
- Good academic standing a current institution

Please visit the [TransferVirginia.org](https://www.transfervirginia.org) portal to explore different majors (Transfer Tools) and Transfer Guides that outline course requirements for specific majors.

- **FAFSA - Free Application for Federal Student Aid:** Priority deadline is March 1; apply online at <https://studentaid.gov/>

### WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Select courses that allow room in your schedule for Biology-specific electives at Radford University
- 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](https://www.TransferVirginia.org)
- Connect with an advisor at your community college and Radford University within your first year. College Connect available in your account at [www.TransferVirginia.org](https://www.TransferVirginia.org)

### IMPORTANT LINKS & DATES:

- **University Transfer Center:** <https://admissions.radford.edu>
- **Admission Application:** By March 1 for Priority Fall Admission and November 1 for Priority Spring Admission at <https://www.radford.edu/admissions/apply/index.html>
- **Financial Aid:** <https://www.radford.edu/fin-aid>

### IS THIS DEGREE RIGHT FOR ME? YES, IF YOU ARE INTERESTED IN...

- Developing marketable skills for any job opportunity (e.g., analytical skills, collaboration).
- Being successful in graduate school (MS, PhD) or professional school (DO, MD, DDS, PA).
- Conducting authentic research in the classroom or with a faculty member.
- Developing a science identity as you practice being a scientist.

### 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 REAL Curriculum (lower division/general education) requirements. Students will need to complete all other University, college, and departmental requirements in order to obtain the baccalaureate degree from RU.
- **Dual Enrollment – Completion of Associate Degree in HS:** Students completing the associate degree in high school should apply using the freshman application. If admitted, the student will receive the benefits associated with the transferable associate degree (as noted prior).
- **Credit for Prior Learning:** AP, IB, and CLEP will be evaluated for transfer credits (based on receipt and evaluation of scores). See <https://catalog.radford.edu/content.php?catoid=55&navoid=2617>.
- **Catalog Year:** Students will be subject to the catalog in effect at the time of enrollment at RU unless otherwise requested.

### IS THIS COLLEGE RIGHT FOR ME? YES, IF YOU ARE LOOKING FOR...

- Modern technology, instrumentation, field equipment, and human/non-human models that allow you to collect your own data or learn using authentic examples.
- Advising on careers and progress through the major by a faculty member in your area of interest.
- Located in the Blue Ridge Mountain region with Radford and Roanoke, Virginia sites, Radford 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 southwest Virginia, there are plenty of nearby opportunities to explore the outdoors.
- With 70+ bachelor's degree programs across a variety of disciplines, the classes at Radford are hands-on in state-of-the-art facilities or offered in an engaging online environment. Programs are designed to help you prepare for your chosen career path.
- Transfer students have the option of choosing to live on-campus or off-campus within the local area.
- Over 80% of students receive some form of financial aid.
- 16 Division 1 teams and 200+ student organizations.

Learn more about our university at [www.TransferVirginia.org](http://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 Radford University.

### WHAT CAN I DO WITH THIS DEGREE?

Explore possible careers, salaries, and job outlook at [www.TransferVirginia.org](http://www.TransferVirginia.org)

### PROGRAM SUCCESSES & HIGHLIGHTS

- 18 full-time faculty for 250-280 students in Biology Department majors.
- 90% of our students present their work at a symposium or conference where networking with other scientists is important.
- 50% of our majors join a faculty's members research program.
- 20% of our undergraduate students are authors on a publication or successful grant that funds their research.

### WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- The Department of Biology does not have an application of entry into our majors.
- 100% of transfer students are accepted into our program, if admitted to the university. Learn more about applying at [www.TransferVirginia.org](http://www.TransferVirginia.org).

### OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

Although there are no other program requirements, students have an opportunity to:

- Engage with many student-led clubs and organizations.
- Gain authentic experiences that prepare them for their future post-Radford.