

# George Washington University Bachelor of Science in Health Sciences in Medical Genetics and Molecular Biology (MLT Fully Online) based on Associate of Science in Health Sciences degree

**TRANSFER GUIDE**  
Catalog Years: 2024-2025

## COURSE REQUIREMENTS

Complete at VCCS					Complete at George Washington University		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY				BACHELOR'S DEGREE REQUIREMENT		
Course	Credits	Gen ED*	CC Course	Notes	Course	Credits	Notes
VCCS requirement - not eligible for transfer	1-2		SDV 100 College Success Skills or 101 Orientation		MLS 2007W Microbes & Society	3	Required Writing in the Discipline
English Composition 1	3	PUA	ENG 111 College Comp I	AP not accepted for English requirement	MLS 3000 Clinical Laboratory Mathematics	3	
English Composition 2	3	UA	ENG 112 College Comp II or 113 Tech-Prof Writing	AP not accepted for English requirement	MLS 3001W Professional Ethics in MLS	3	Required Writing in the Discipline
General Humanities Education	3	PUA	Any UCGS Art or Humanities course	These two courses must come from two different disciplines.	MLS 3005 Current Topics in Biomedical Science	3	
General Education Elective	3	UA	Any UCGS Art, Humanities, or Literature course	AP 4 or higher accepted	MLS 4141 Immunology and Serology	3	
General Education Elective credit	3	PUA	Any UCGS History course	AP 4 or higher accepted	MLS 4151 Molecular Diagnostics	3	
General Social Sciences Education	3	PUA	Any UCGS Social or Behavioral Science course	Cannot be a History course.	MLS 4158 Laboratory Management	3	
General Biology Education	8	PUA	BIO 101 General Biology I, BIO 102 General Biology II	Must include in-person lab, AP 4 or higher accepted.	MLS 4170 Molecular Biology	3	
Math	3	PUA	MTH 155 Statistical Reasoning or higher	College Algebra, Statistics, or Higher (excluding MTH 154) AP 4 or higher accepted	MLS 4171 Human Genetics	3	

General Social Sciences Education	3	UA	CST 100 Principles of Public Speaking or CST 110 Introduction to Human Communication	This will satisfy the second social science requirement for GW.	MLS 4172 Molecular Capstone	3	Completed in final semester
General Microbiology	4	UA	Recommend BIO 150 Microbiology for Health Science	Must include in-person lab, May be completed at GW	MLS 4217 Molecular Techniques	3	
General Chemistry Education	8	PUA	CHM 111 General Chemistry I and CHM 112 General Chemistry II	Must include in-person lab, AP 4 or higher accepted	MLS 4242 Applications of Molecular Diagnostics	3	
Elective Credits	6		Health transfer electives	HLT courses that are academic in nature. This excludes courses such as CPR, first aid, or orientation-type classes.	MLS 4266 Molecular Practicum	6	An in person, 6 week, full time clinical laboratory rotation; Students with documented molecular laboratory experience may be waived out
Elective Credits	3		Additional transfer electives	A 3 credit Biotechnology is also recommended but this course can be taken at GW if needed	Electives	18	Students that opt to do a Clinical Microbiology or Assisted Reproductive Technology concentration will need to take specific electives.
Organic or Biochemistry Requirement	3		CHM 241 Organic Chemistry 1 or CHM 260 Introductory Biochemistry or higher	Either course may be transferred in or completed at GW			
Elective Transfer Credits			Additional transfer electives, if needed to meet 60 credits				

CREDITS PRE-TRANSFER: 60 - 62

CREDITS POST-TRANSFER: 60

\* **A** = Completion of the Associate Degree satisfies this General Education Requirement. **U** = This course satisfies a Uniform Certificate of General Studies requirement.  
**P** = This course satisfies a Passport requirement.

## TRANSFER GUIDANCE

### Guaranteed Admission Agreement: GW GAA

**By meeting the following criteria, you are guaranteed admission to the GW MDS Program.**

- Earn a transfer associate degree or Uniform Certificate of General Studies.
- Earn a minimum cumulative GPA of 2.75 and science GPA 2.5 for your associate degree.
- Earn minimum grades of "C" in all transferable courses in order for the credits to transfer.

- Application fee and Letter of Recommendation waived.
- Earn grades of "C" or higher in all community college courses.

Please create an account through the [www.TransferVirginia.org](http://www.TransferVirginia.org) portal to indicate your intent to use this guarantee for admission to GW MS Program.

## IMPORTANT LINKS & DATES:

- **Biomedical Laboratory Sciences department:** <https://bbs.smhs.gwu.edu/>
- **Molecular Diagnostic Sciences program:** <https://healthsciencesprograms.gwu.edu/programs/bshs-molecular-diagnostic-sciences>
- **Admission Application:** View deadlines at <https://healthsciencesprograms.gwu.edu/programs/bshs-medical-genetics-and-molecular-biology> and apply at [https://gw.my.site.com/gwapp/TX\\_SiteLogin?startURL=%2Fgwapp%2FTargetX\\_Base\\_Portal](https://gw.my.site.com/gwapp/TX_SiteLogin?startURL=%2Fgwapp%2FTargetX_Base_Portal)  
Applications are accepted three times a year in Spring, Summer, and Fall. Please refer to our website for specific application deadlines.
- **Request information from GW BLS admission:** <https://healthsciencesprograms.gwu.edu/programs/bshs-molecular-diagnostic-sciences>
- **View the AP credit transfer table:** <https://bulletin.gwu.edu/undergraduate-admissions/#advancedplacementequivalentstext>
- **Financial Aid:** <https://financialaid.gwu.edu/>
- **FAFSA - Free Application for Federal Student Aid:** [studentaid.gov](https://studentaid.gov)

## WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Students will work with a dedicated GW advisor regarding course selections
- 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](http://www.TransferVirginia.org)
- Connect with an advisor at your community college and GW within your first year. College Connect available in your account at [www.TransferVirginia.org](http://www.TransferVirginia.org)

## IS THIS DEGREE RIGHT FOR ME?

- Available for those certified as Medical Laboratory Technicians (MLTs) through ASCP, AMT or AAB or if you have completed an accredited MLT program within the last 6 months
- Flexible and asynchronous courses with 100% online coursework
- Program includes a 6-week practicum in your local area
- Eligible to become certified as an MB upon successful completion of the program and ASCP Board of Certification exam

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

- Students are eligible to transfer in up to 60 credits of transferable coursework from their Associate degree
- Transfer credit may include dual enrollment coursework. It may also be considered from Advanced Placement (AP), International Baccalaureate Credit (IB) credit as well as the College Level Examination Program (CLEP exams)
- Please refer to GW [Undergraduate Admissions](#) for information on maximum credits, minimum scores, and GW course equivalents for AP and IB credits

## IS THIS COLLEGE RIGHT FOR ME?

- Easily transfer current college credits, including DE, AP and IB credits
- Personalized and high-touch advising
- Pre-Health Science Professions Advising available
- Discounted tuition rates for the health sciences programs
- Scholarship applications available
- Fully accredited by the [Middle States Commission on Higher Education](#) (MSCHE). Listed as #62 Best National University, #15 Best Online Bachelor's Programs, #8 for Best Online Programs for Veterans by U.S. News & World Report's 2022 Rankings

## DID YOU KNOW THAT...

- Available fully online for MLT-certified professionals
- Applicants with clinical laboratory experience may be eligible to waive individual clinical practicum requirements
- Molecular diagnostic scientists earn between \$69,618 and \$88,718 a year, based on experience, location and certification
- 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 GW

## WHAT CAN I DO WITH THIS DEGREE?

- Students can explore roles in laboratory and non-laboratory professions such as clinical or research labs, diagnostic molecular labs, medical sales, law enforcement, and regulatory agencies
- Other examples of career opportunities include biotech and pharmaceutical, technical service, veterinary labs, health departments, public health labs, crime labs, and reference labs

## PROGRAM SUCCESSES & HIGHLIGHTS

- Flexible and asynchronous courses with 100% online coursework
- This program offers two concentrations: Assisted Reproductive Technology and Microbiology
- The Microbiology concentration requires an additional in-person clinical rotation which can be completed in your local area
- The Assisted Reproductive Technology concentration requires additional in-person laboratory courses on our Virginia Science & Technology Campus

## WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- Students that meet the admission requirements have a high chance of being accepted

#### DO MORE WITH YOUR DEGREE!

- Students can pursue higher degrees such as medicine, physical assistant, nursing, or PhD programs

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

- Students outside of a 25-mile radius from the DC metro area are required to secure their own clinical site as part of the admissions process
- Students are required to complete a 6-weeks clinical rotation in their local area