

# George Washington University Bachelor of Science in Health Sciences in Medical Genetics and Molecular Biology (Hybrid) 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 3000 Clinical Laboratory Mathematics	3	
English Composition 1	3	PUA	ENG 111 College Comp I	AP not accepted for English Requirement	MLS 3001W Professional Ethics in MLS	3	
English Composition 2	3	UA	ENG 112 College Comp II or 113 Tech-Prof Writing	AP not accepted for English Requirement	MLS 4141 Immunology and Serology	3	Required Writing in the Discipline (WID)
General Humanities Education	3	PUA	Any UCGS Art or Humanities course	These two courses must come from two different disciplines.  AP 4 or higher accepted	MLS 4151 Molecular Diagnostics	3	
General Education Elective	3	UA	Any UCGS Art, Humanities, or Literature course		MLS 4158 Laboratory Management	3	
General Education Elective credit	3	PUA	Any UCGS History course	AP 4 or higher accepted	MLS 4170 Molecular Biology	3	
General Social Sciences Education	3	PUA	Any UCGS Social or Behavioral Science course	Cannot be a History course.	MLS 4171 Human Genetics	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 4172 Molecular Capstone	3	
Math	3	PUA	MTH 155 Statistical Reasoning or higher	College Algebra, Statistics, or Higher (excluding MTH 154) AP 4 or higher accepted	MLS 4217 Molecular Techniques	3	Completed in final semester

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 4242 Applications of Molecular Diagnostics	3	
General Microbiology	4	UA	Recommend BIO 150 Microbiology for Health Science	Must include in-person lab, May be completed at GW	MLS 4251 Molecular Diagnostics Laboratory	1	
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 4252 Application of Molecular Diagnostics Laboratory	2	
Elective Credit Requirement	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 Credit Requirements	3		Additional transfer electives	A 3 credit Biotechnology is also recommended but this course can be taken at GW if needed.	CERT 3005 Current Topics	3	
Organic or Biochemistry Requirement	3		CHM 241 Organic Chemistry 1 or CHM 260 Introductory Biochemistry	Either course may be transferred in or completed at GW	Writing in the Discipline	3	Required Writing in the Discipline (WID) can be completed with HSCI 2112W, HSCI 4112W, or MLS 2007W
Elective Transfer Credits			Additional transfer electives, if needed to meet 60 credits		Electives	15	Students that opt to do a Clinical Microbiology or Assisted Reproductive Technology concentration will need to take specific electives

**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 MDS Program.

#### IMPORTANT LINKS & DATES:

- **Biomedical Laboratory Sciences department:** <https://bls.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](http://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?

- Flexible and asynchronous online lecture 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](https://bulletin.gwu.edu/undergraduate-admissions/#advancedplacementequivalentstext) 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](https://www.msche.edu/) (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...

- 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
- This program can be completed in 7 semesters
- 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

- This program offers two concentration options: 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 within a 25-mile radius from the DC metro area will be placed in a local clinical site