



A.S. in Public Health Sciences



B.S.H.S. in Medical Laboratory Sciences and
M.S.H.S. in Molecular Diagnostic Sciences
(Dual Degree)
2025-26 Catalog Year

CREDITS	MONTGOMERY COLLEGE Requirements for Associate's Degree	GEORGE WASHINGTON UNIVERSITY Requirements for Bachelor's Degree
3	ENGL 101 - Introduction to College Writing*	Qualifies towards 3 of 6 credits in English Composition
4	MATH 150 – Elementary Applied Calculus I (MATF)	Qualifies towards 3 credits in College Mathematics
4	BIOL 150 – Principles of Biology I (NSLD)	Advanced Standing
3	HLTH 160 – The Science and Theory of Health	Advanced Standing
3	English Foundation (ENGF)*** ENGL102 or ENGL103	Qualifies towards 3 of 6 credits in English Composition
4	BIOL 212 - Human Anatomy and Physiology I (NSLD)	Qualifies towards 4 of 8 credits of Biology with lab*
4	CHEM 131 - Principles of Chemistry I	Qualifies towards 4 of 8 credits of Chemistry with lab*#
3	PSYC 100 - General Psychology (BSSD)	Qualifies towards 3 of 6 credits of Social Sciences
3	Arts Distribution (ARTD)	Advanced Standing
4	BIOL 213 – Human Anatomy and Physiology II	Qualifies towards 4 of 8 credits of Biology with lab*
4	CHEM 150 - Essentials of Organic and Biochemistry	Qualifies towards 3 credits of Organic Chemistry/Biochemistry+
3	COMM 108 or COMM 112 (GEEL)	Advanced Standing
3	HLTH 225 - Introduction to Health Behaviors	Advanced Standing
3	SOCY 100 - Introduction to Sociology (BSSD)	Qualifies towards 3 of 6 credits of Social Sciences
4	BIOL 210 - Microbiology	Qualifies towards 4 credits of Microbiology with lab*
4	BIOL 222 - Principles of Genetics	Advanced Standing
1	HLTH 299 - Capstone in Public Health Sciences	Advanced Standing
3	Humanities Distribution (HUMD)	Qualifies towards 3 credits in Humanities
60	TOTAL CREDITS TRANSFERRED	
REMAINING GEORGE WASHINGTON UNIV DEGREE REQUIREMENTS RECOMMENDED SEQUENCE UPON TRANSFER WITH ASSOCIATE'S DEGREE		
	MLS 2007W: Microbes & Society	3
	MLS 3001W: Professional Ethics in MLS	3
	MLS 6141: Advanced Immunology and Serology	3
	MLS 6158: Advanced Lab Management and Operations	3
	MLS 4116: Clinical Bacteriology I	3
	MLS 4117: Clinical Bacteriology II	2
	MLS 4119: Parasitology, Mycology and Virology	2
	MLS 4216: Clinical Bacteriology Laboratory (in person)	1
	MLS 4219: Parasitology, Mycology and Virology Laboratory (in person)	1
	MLS 4145: Biochemistry I	3
	MLS 4146: Biochemistry II	3
	MLS 6217: Medical Biotechnology	3
	MLS 4246 Biochemistry Laboratory (in person)	1
	MLS 4251: Molecular Diagnostics Laboratory (in person)	1
	MLS 4130: Hematology I	3
	MLS 4131: Hematology II	3
	MLS 4150: Immunohematology	3
	MLS 4230: Hematology Laboratory (in person)	1
	MLS 4250: Immunohematology Laboratory (in person)	1
	Practicum Courses (MLS 4160, 4161, 4162, 4164, 4165, 4166; Completed during final semester)	16
	MLS 4159: Capstone Seminar (Completed during final semester)	1
TOTAL CREDITS REMAINING AT GEORGE WASHINGTON UNIVERSITY		60

MONTGOMERY COLLEGE NOTES

*ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103 or HLTH elective.

GEORGE WASHINGTON UNIVERSITY NOTES

Admission requirements:

- 6 credits English Composition
- 3 credits College Mathematics
- 3 credits Critical Thinking in the Humanities
- 6 credits Critical Thinking in the Social Sciences
- 8 credits of Biology with lab*
- 8 credits of Chemistry with lab*#
- 4 credits of Microbiology with lab*

*Must include in-person lab

This program does not meet the GW admission requirement of 8 credits of Chemistry with lab. Students must complete a second General Chemistry with lab course, or equivalent, to meet the 8 credit requirement.

+ Organic Chemistry/Biochemistry is not required for admission, but is required to graduate. Students are recommended to take this course, when possible, before attending GW and transfer the credits.

Dual degree students must graduate from the BSHS program with a 3.0 or higher to remain eligible to enter the graduate version of the program. During the BSHS portion of the program, students take 3 graduate MLS courses in lieu of 3 undergraduate MLS courses. Upon successful completion of the BSHS, students transition into the MSHS degree. The 3 graduate courses taken during the BSHS portion of the program are applied toward the MSHS degree. The MSHS is 36 credit hours. Students complete 9 credits as an undergraduate student and the remaining 27 as a graduate student.

Admission/Eligibility requirements:

- To be eligible for transfer, courses must be completed with a grade of C or higher; C- will not transfer.
- Coursework/credits meeting the minimum grade requirement that are not applied toward General Education requirements will count toward the 19 credits of additional coursework required to transfer, also called Advanced Standing.
- Graduated with a cumulative GPA in the applicable associate degree of 3.0 or greater and science GPA of 2.5 in prerequisite science courses.
- If additional transcripts exist, a cumulative GPA that includes all institutions must be a minimum of 3.0.
- If a science prerequisite is repeated, all grades will be factored into the GPA.
- AP/IB scores may be accepted for credit toward General Education or Advanced Standing credits. Refer to <https://undergraduate.admissions.gwu.edu/bringing-credits-gw> for details. GW does not accept AP credit for English Composition.
- Learn more about the program: <https://smhs.gwu.edu/academics/health-sciences/academics/guaranteed-admission-agreements>