



A.S. in Public Health Sciences



B.S.H.S. in Medical Laboratory Sciences  
2024-25 Catalog Year

CREDIT S	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
<b>60</b>	<b>TOTAL CREDITS TRANSFERRED</b>	

**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 4141: Immunology and Serology	3
MLS 4158: 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 4151: Molecular Diagnostics	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, 4164, 4162, 4165, 4166; Completed during final semester)	16
MLS 4159: Capstone Seminar (Completed during final semester)	1
<b>TOTAL CREDITS REMAINING AT GEORGE WASHINGTON UNIVERSITY</b>	<b>60</b>

**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 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.

Admission/Eligibility requirements:

- To be eligible for transfer, courses must be completed with a grade of C or higher; C- will not transfer.
- Coursework meeting the minimum grade requirement not applied toward specific General Education requirements will be applied toward the 19 credit Advanced Standing requirement.
- Graduated with a cumulative GPA in the applicable associate degree of 2.75 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 2.7.
- 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>