



**A.S. in Science – Biological Science
Area of Concentration**



**B.S.H.S. in Medical Laboratory Sciences
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 165 or MATH 170 or MATH 181 (MATF)	Qualifies towards 3 credits in College Mathematics
4	CHEM 131 Principles of Chemistry I (NSLD)	Qualifies towards 4 of 8 credits of Chemistry with lab*
3	Behavioral and Social Sciences Distribution (BSSD)**	Qualifies towards 3 of 6 credits of Social Sciences
3	English Foundation (ENGF)*** ENGL102 or ENGL103	Qualifies towards 3 of 6 credits in English Composition
4	BIOL 150 - Principles of Biology I (NSLD)	Qualifies towards 4 of 8 credits of Biology with lab*
4	CHEM 132 - Principles of Chemistry II	Qualifies towards 4 of 8 credits of Chemistry with lab*
4	MATH 170 or MATH 181 or Program Elective †	Qualifies towards 3 credits of College Mathematics if not previously satisfied
3	Humanities Distribution (HUMD)	Qualifies towards 3 credits in Humanities
4	BIOL 151 - Principles of Biology II (NSLD)	Qualifies towards 4 of 8 credits of Biology with lab*
3	COMM 108 or COMM 112 (GEEL)	Advanced Standing
3	Arts Distribution (ARTD)	Advanced Standing
4	Program Elective †	Advanced Standing
4	BIOL 222 - Principles of Genetics	Advanced Standing
3	Behavioral and Social Sciences Distribution (BSSD)**	Qualifies towards 3 of 6 credits of Social Sciences
4	Program Elective † (BIOL 210)	Required: 4 credits of Microbiology with lab (e.g. intro to microbiology or general microbiology)*
3	Program Elective †	Advanced Standing
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 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, 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

