

Guided Pathway to The George Washington University School of Medicine and Health Sciences

BSHS Medical Laboratory Sciences Advising Worksheet

Medical Laboratory Sciences (MLS) is a challenging and rewarding health care profession that has a great impact on patient care. Medical laboratory scientists perform laboratory tests utilized in the diagnosis, treatment, and prevention of disease.

For more information, contact:

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Program Delivery: Online & GW Virginia Science & Technology Campus (VSTC)

Program Website: <https://smhs.gwu.edu/medical-laboratory-sciences/programs/bshs/curriculum>

Admission Requirements - Completed Associates Degree (38 General Education + 22 Electives)

- English Composition (3 credits)
- Pre-Calculus I, Statistics, or higher math (3 credits)
- General Biology (8 credits) (with hands-on lab)
- Microbiology (4 credits) (with hands-on lab)
- General Chemistry (8 credits) (with hands-on lab)
- Organic Chemistry or Biochemistry (3 credits)
- Humanities (3 credits)
- Social Sciences (6 credits)
- Electives (22 credits)

Requirements	Credits
General Education + Electives	38 + 22
TOTAL Transferred Credits from Associate's Degree	60
Required Credits for GW Bachelor's Completion	+60
Total Credits - Bachelor's of Science in Health Sciences in Medical Laboratory Sciences	120

Semester Offered = F-Fall, Sp-Spring, S-Summer
Delivery Mode = O-Online, H-Hybrid, F-Face-to-Face

Junior Year – GW Medical Laboratory Sciences						
☑	Course #	Course Title	College	Credits	Semester	Delivery Mode
	HSCI 2112W	Writing in the Health Sciences	SMHS	3	F, Sp, S	O
	MLS 4158	Laboratory Management and Operations	SMHS	3	F, Sp, S	O
	MLS 4141	Immunology and Serology	SMHS	3	F, Sp, S	O
	MLS 4145	Clinical Biochemistry I (lecture)	SMHS	3	F	O
	MLS 4146	Clinical Biochemistry II (lecture)	SMHS	3	F	O
	MLS 4246	Clinical Biochemistry Laboratory	SMHS	1	F	F
	MLS 4151	Molecular Diagnostic (lecture)	SMHS	3	F	O
	MLS 4251	Molecular Diagnostics Laboratory (lab)	SMHS	1	F	F
	MLS 4130	Hematology I (lecture)	SMHS	3	Sp	O
	MLS 4131	Hematology II (lecture)	SMHS	3	Sp	O
	MLS 4230	Hematology Laboratory	SMHS	1	Sp	F
	MLS 4150	Immunoematology (lecture)	SMHS	3	Sp	O
	MLS 4250	Immunoematology Laboratory	SMHS	1	Sp	F
		Total Credits		31		
Senior Year – GW Medical Laboratory Sciences						
	HSCI 4112W	Research and Writing in Health Sciences	SMHS	3	F, Sp, S	O
	MLS 4116	Clinical Bacteriology I (lecture)	SMHS	3	S	O
	MLS 4117	Clinical Bacteriology II (lecture)	SMHS	2	S	O
	MLS 4216	Clinical Bacteriology Laboratory	SMHS	1	S	F
	MLS 4119	Parasitology, Mycology and Virology (lecture)	SMHS	2	S	O
	MLS 4219	Parasitology, Mycology and Virology Laboratory	SMHS	1	S	F
	MLS 4160	Blood Bank Practicum	SMHS	4	F, Sp, S	F
	MLS 4161	Clinical Biochemistry Practicum	SMHS	4	F, Sp, S	F
	MLS 4162	Hematology Practicum	SMHS	2	F, Sp, S	F
	MLS 4164	Microbiology Practicum	SMHS	4	F, Sp, S	F
	MLS 4165	Urinalysis Practicum	SMHS	1	F, Sp, S	F
	MLS 4166	Coagulation Practicum	SMHS	1	F, Sp, S	F
	MLS 4159	Capstone Seminar	SMHS	1	F, Sp, S	O
		Total Credits		29		