



Suggested Transfer Pathway

Montgomery College A.S. in Science, Biological Science to George Washington University B.S.H.S. in Medical Laboratory Sciences



Catalog Year: 2018-2019, Total Credits: 60

0 - 30 credits – Montgomery College

	Cr
ENGL101 (or program elective* if ENGL101 is not needed)	3
MATH165/MATH170/MATH181	4
CHEM131 Principles of Chemistry I (NSLD)	4
Behavioral & Social Sci. Distribution (BSSD) **	3
Total Credits	14

Courses may be taken in any order (pending prerequisites)

	Cr
ENGL102 or ENGL103 English Foundation	3
BIOL150 Principles of Biology I (NSLD)	4
CHEM132 Principles of Chemistry II	4
MATH170 or MATH181	4
Humanities Distribution	3
Total Credits	18

31 - 60 credits – Montgomery College

	Cr
BIOL151 Principles of Biology II	4
COMM108 or COMM112 (GEEL)	3
Arts Distribution	3
Program Elective * (CHEM203 Organic Chem I recommended)	5
Total Credits	15

	Cr
BIOL222 Principles of Genetics	4
Behavioral & Social Science Distribution (BSSD)**	3
Program Elective * (BIOL210 Microbiology)	4
Program Elective *	2
Total Credits	13

* **Program electives:** [BIOL 210](#), [BIOL 212](#), [BIOL 213](#), [BIOL 217](#), [BIOL 226](#), [BIOL 228](#), [BIOL 230](#), [BIOL 252](#), [CHEM 203](#), [CHEM 204](#), [CMSC 140](#), [CMSC 203](#), [CMSC 204](#), [MATH 171](#), [MATH 182](#), [MATH 280](#), [MATH 282](#), [PHYS 161](#), [PHYS 203](#), [PHYS 204](#), [PHYS 233](#), [PHYS 234](#), [PHYS 262](#), [PHYS 263](#), [SCIR 297](#) (it is recommended that in a 2-semester chemistry sequence, both courses be taken at the same institution, e.g. [CHEM 203](#) & [CHEM 204](#).)

** BSSD courses must come from different disciplines

Apply to graduate from MC with an [Associate of Science in Science, Biological Science Area of Concentration](#)

Year Three – George Washington University

Fall Semester		Cr
HSCI 2112W: Writing		3
HSCI 4112W Writing		3
Total Credits		6
Summer Semester		Cr
MLS 4216 Bacteriology Laboratory		1
MLS 4116: Bacteriology I		3
MLS 4117: Bacteriology II		2
MLS 4119: Parasitology, Mycology and Virology		2
MLS 4219: Parasitology, Mycology and Virology Laboratory		1
Total Credits		9

Spring Semester		Cr
MLS 4141: Immunology and Serology		3
MLS 4158: Lab Management and Operations		3
Total Credits		6

Year Four – George Washington University

Fall Semester		Cr
MLS 4246 Biochemistry Laboratory		1
MLS 4145: Biochemistry I		3
MLS 4146: Biochemistry II		3
MLS 4151: Molecular Diagnostics		3

Spring Semester		Cr
MLS 4230 Hematology Laboratory		1
MLS 4130: Hematology I		3
MLS 4131: Hematology II		3
MLS 4250 Immunohematology Laboratory		1

MLS 4251: Molecular Diagnostics Laboratory	1	MLS 4150 Immunohematology	3
Total Credits	11	Total Credits	11

Summer Semester	Cr
Practicum Courses (MLS 4160, 4161, 4164, 4162, 4165, 4166)	16
Capstone Seminar	1
Total Credits	17

**MC [A.S. in Science, Biological Science Area of Concentration](#) to
George Washington University [B.S.H.S. in Medical Laboratory Sciences](#)**

Catalog Year: 2018-2019, Total Credits: 60

Name:	Date:	ID#	
Foundation Courses	COURSE	HRS	GRADE
English Foundation, ENGL102 or ENGL103	ENGL	3	
Math Foundation, MATH165/MATH170/MATH181	MATH	4	
Distribution Courses	COURSE	HRS	GRADE
Arts Distribution		3	
Humanities Distribution		3	
Behavioral and Social Sciences Distribution *		3	
Behavioral and Social Sciences Distribution *		3	
Natural Sciences Lab Distribution with Lab, Principles of Biology I	BIOL150	4	
Natural Sciences Lab Distribution with Lab, Principles of Chemistry I	CHEM131	4	
General Education Elective	COURSE	HRS	GRADE
COMM108 or COMM112 (GEEL)	COMM	3	
Area of Concentration Requirements	COURSE	HRS	GRADE
ENGL101 or ENGL101A (if needed for ENGL102/103)		3	
Principles of Biology II	BIOL151	4	
Principles of Genetics	BIOL222	4	
Principles of Chemistry II	CHEM132	4	
MATH170 Calculus for Life Sciences I or MATH181 Calculus	MATH	4	
Program Elective * (CHEM203 Organic Chemistry I recommended)		5	
Program Elective * (BIOL210 Microbiology)	BIOL210	4	
Program Elective *		2	

* **Program electives:** [BIOL 210](#), [BIOL 212](#), [BIOL 213](#), [BIOL 217](#), [BIOL 226](#), [BIOL 228](#), [BIOL 230](#), [BIOL 252](#), [CHEM 203](#), [CHEM 204](#), [CMSC 140](#), [CMSC 203](#), [CMSC 204](#), [MATH 171](#), [MATH 182](#), [MATH 280](#), [MATH 282](#), [PHYS 161](#), [PHYS 203](#), [PHYS 204](#), [PHYS 233](#), [PHYS 234](#), [PHYS 262](#), [PHYS 263](#), [SCIR 297](#) (it is recommended that in a 2-semester chemistry sequence, both courses be taken at the same institution, e.g. [CHEM 203](#) & [CHEM 204](#).)

** BSSD courses must come from different disciplines

smhs.gwu.edu/medical-laboratory-sciences

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