

SAMPLE COURSE GUIDE FOR MEDICAL LABORATORY SCIENCE

Note: Courses in bold are part of the GENERAL UNIVERSITY COURSE REQUIREMENTS. This is a suggested course guide and may change as needed.

FRESHMAN YEAR FIRST SEMESTER		Credits	SECOND SEMESTER		Credits
ENG 101	English Composition I	3	ENG 102	English Composition II	3
BIOL 110/L	General Biology I + Lab	4	BIOL 111/L	General Biology II + Lab	4
CHEM 110/L	General Chemistry I + Lab	4	CHEM 111/L	General Chemistry II + Lab	4
MATH 140/L	College Algebra + Lab	4	MATH 150/L	Trigonometry + Lab	4
UNIV 101	Foundations for Success	2			
		17			15

SOPHOMORE YEAR FIRST SEMESTER		Credits	SECOND SEMESTER		Credits
BIOL 340/L	Human Anatomy + Lab	4	BIOL 341/L	Human Physiology + Lab	4
CHEM 305/L	Survey of Organic Chemistry + Lab	4	MATH 221/L	Probability and Statistics + Lab	4
BIO 322/L	Microbiology + Lab	4	BIOL 320W/L	Medical Microbiology + L	4
PHIL 210	Logic & Critical Thinking	3	HIS 102W	World Civilization II	3
		15	Technology		3
					18

JUNIOR YEAR FIRST SEMESTER		Credits	SECOND SEMESTER		Credits
BIOL 318W/L	Genetics + Lab	4	BIOL 330/L	Molecular and Cell Biology + Lab	4
PHYS 101/L	General Physics I: Algebra-based + Lab	4	PHYS 102/L	General Physics II: Algebra-based + Lab	4
CHEM 410W/L	Biochemistry I + Lab	4	CHEM 411	Biochemistry II	3
Social Science		3	Fine Arts		3
Humanities		3	Foreign Language		4
		18			18

SENIOR YEAR FIRST SEMESTER		Credits	SECOND SEMESTER		Credits
BIOL 413	Immunology/Serology	2	BIOL 417A	Hematology and Hemostasis	3
BIOL 414	Phlebotomy/MLS Orientation	2	BIOL 418A	Urinalysis and Body Fluids	3
BIOL 416	Mycology/Parasitology	2	BIOL 420	Immunoematology	3
BIOL 421/L	Preclinical Rotation + Lab	6	BIOL 423	Clinical Microbiology	3
		12	BIOL 440	Clinical Lab Leadership I	3
			BIOL 445	Clinical Lab Leadership II	3
			CHEM 425	Clinical Chemistry	3
					21*

TOTAL: 134 CREDITS

*Summer semester will be required in the final year to complete the courses listed in spring of your senior year.