

**Bachelor of Science – Medical Laboratory Science – 2019-2020**

GENERAL EDUCATION	37	COMP	GRD	MAJOR PROGRAM COURSES	47	COMP	GRD
<i>Level I</i>				BIO 110/111 Gen Biology/Lab	4		
ENG 101 Composition or ENG 102 Advanced Composition (completed in 1 <sup>st</sup> two semesters)	3			BIO 300/301 General Micro/Lab	4		
<i>Completed or initiated in first three semesters</i>				BIO 310/311 Adv A&P/Lab	5		
FYS First Year Seminar (any number) (1 <sup>st</sup> semester)	1			BIO 312/313 Adv A&P II/Lab	5		
Communications (COM 101, 200, 202, 212, or 225)	3			BIO 250/251 Zoology/Lab	4		
Quantitative Reasoning (MTH 114 or above, PHL 105, BIS 140)	0			BIO 266/267 Botany/Lab	4		
<i>Level II</i>				BIO 330/331 Genetics/Lab	4		
English 102 Advanced Comp	3			BIO 340/341 Biochem/Lab	5	optional	
Global & Cultural Diversity	3			BIO 390/391 Mole. Bio/Lab	4		
Fine Arts (any Art, Dance, Music or Theatre)	3			BIO 192 Scientific Methods	1		
Science (any Biology, Chemistry or Phy Sci) must include Lab	0			BIO 473 Capstone Project	3		
Math (MTH 242 or 162, or > MTH 114) or Natural Science	0			BIO 392 Scientific Literacy	1		
History (any history class)	3			<del>BIO 492 Scientific Comm</del>	1		
Social Science (ECO 150 or any Sociology or Psychology)	3			CHM 110 General Chemistry	4		
Theology (any class)	6			CHM 111 General Chemistry Lab	1		
PHL 200 Moral Reasoning	3			CHM 112 General Chemistry	4		
Philosophy (any Philosophy course)	3			CHM 113 General Chemistry Lab	1		
General Education Elective (any Liberal Arts Course)	3			CHM 230 Organic Chemistry I	4		
				CHM 231 Organic Chem Lab I	1		
				CHM 232 Organic Chemistry II	4		
SUMMARY				CHM 233 Organic Chem Lab II	1		
GENERAL EDUCATION	37			SUPPORTING COURSES	12		
MAJOR	47			BIO 464 Immunology/Hematology	3		
PROFESSIONAL STUDY	36			MTH 114 College Algebra	3		
SUPPORTING COURSES	12			MTH 115 College Trig	3		
ELECTIVES							
6-9 for biology electives				MTH 242 Statistics	3		
TOTAL	132			PHY 202/203 Gen Physics I/Lab	4		
				PHY 204/205 Gen Physics II/Lab	4		
PROFESSIONAL YEAR OF STUDY	36						
HOSPITAL:				A biology degree can be granted by taking the courses highlighted in gray, plus 7 electives, if the student decides to not pursue the professional year to complete the MLS.	36		
CITY: STATE:							
ENROLLED:							
EDUCATIONAL COORDINATOR:							

*Admission requirements: To begin the Human Biology program students must meet the Prerequisites for MTH 114, ENG 101, BIO 110, and CHM 110 (by placement or past Coursework).*

Acceptable courses for Global & Cultural Diversity will have (GCD) after the title.

Some courses may be counted in more than one category. Courses cannot be cross counted within general education. The student must still complete the specific total hours for graduation by taking additional electives.

**Developmental courses cannot be counted toward graduation requirements.**

Student may be required to complete prerequisite courses.