

MEDICAL LABORATORY SCIENCE | Clinical Laboratory Science Concentration | 2016-2017

FIRST YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
CHEM 031 Outline of General Chemistry	4	CHEM 032 General Chemistry 2	4
ENGS 001 Written Expression	3	MLRS 034 Human Cell Biology	4
HLTH 003 Medical Terminology	2	Elective/Diversity Courses	6
MATH 019 Fundamentals of Calculus I (or higher)	3		
NH 050 Applications to Health	1		
Elective/Diversity Course	3		
<i>Total Credits:</i>	<i>16</i>	<i>Total Credits:</i>	<i>14</i>

SECOND YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
ANPS 019 Ugr Human Anatomy & Physiology	4	ANPS 020 Ugr Human Anatomy & Physiology	4
STAT 111 Elements of Statistics or STAT 141 Basic Statistical Methods	3	CHEM 042 Intro Organic Chemistry	4
MMG 101 Microbiology & Infectious Disease	4	MMG 222 Clinical Microbiology I ¹ (offered every other year) or elective	3 or 4
NH 120 Health Care Ethics	3	Elective(s)	4
<i>Total Credits:</i>	<i>14</i>	<i>Total Credits:</i>	<i>15-16</i>

THIRD YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
PBIO 185 Survey of Biochemistry	3	MMG 222 Clinical Microbiology I ¹ (offered every other year) or elective	3 or 4
MLRS 297 Leadership & Mgmt. in Healthcare ¹	3	MLRS 242 Immunology ¹ or	3
PATH 101 Intro to Human Disease	3	MMG 223 Immunology ¹	
MLRS 281 Applied Molecular Biology ¹	3	MLRS 244 Immunology lab ¹	1
MLRS 282 Applied Molecular Biology Lab ¹	1	MLS 221 Clinical Chemistry I ¹	4
Elective	3	MLRS 110 Phlebotomy	1
		Elective	3
<i>Total Credits:</i>	<i>16</i>	<i>Total Credits:</i>	<i>15-16</i>

FOURTH YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MLS 222 Clinical Chemistry II ¹	3	MLS 292 Topics in Med Lab Science ¹	3
MLS 231 Hematology ¹	4	MLS 220 Clinical Practicum: Chemistry ¹	3
MLS 255 Clinical Microbiology II ¹	3	MLS 230 Clinical Practicum: Hematology ¹	3
MLS 262 Immunohematology ¹	4	MLS 250 Clinical Practicum: Microbiology ¹	3
Elective	3	MLS 260 Clinical Practicum: Immunohematology ¹	3
<i>Total Credits:</i>	<i>17</i>	<i>Total Credits:</i>	<i>15</i>

- This model curriculum is designed to meet all course requirements. Changes should be reviewed with a student's academic advisor.
- A minimum of 121 semester credit hours, minimum GPA per program requirement, and University sustainability and diversity fulfillment are required for graduation.
- ¹Professional course