

FIRST YEAR

Fall Semester	Credits
CHEM 031 General Chemistry 1	4
ENGS 001 FW: Written Expression	3
HLTH 003 Medical Terminology	2
BHSC 034 Human Cell Biology	4
NH 050 App to Hlth: From Pers to Syst	1
<b>Total Credits</b>	<b>14</b>

Spring Semester	Credits
BHSC 098 Intro to Scientific Writing (Take a second English)	3
CHEM 032 General Chemistry 2	4
Math 019 QR: Fundamentals of Calculus I	3
Elective/Diversity/Sustainability Courses	6
<b>Total Credits</b>	<b>16</b>

SECOND YEAR

Fall Semester	Credits
ANPS 019 Ugr Hum Anatomy & Physiology	4
STAT 111 QR: Elements of Statistics or STAT 141 QR: Basic Statistical Methods I	3
MMG 101 Microbiol & Infectious Disease	4
NH 120 Health Care Ethics	3
Elective/Diversity/Sustainability Course	3
<b>Total Credits</b>	<b>17</b>

Spring Semester	Credits
ANPS 020 Ugr Hum Anatomy & Physiology	4
CHEM 042 Intro Organic Chemistry	4
Elective/Diversity/Sustainability Course	6
<b>Total Credits</b>	<b>14</b>

THIRD YEAR

Fall Semester	Credits
BHSC 297 Leadership & Mgt in Hlth Care <sup>1</sup>	3
BIOC 201 Fundamentals of Biochemistry	3
PATH 101 Intro to Human Disease	3
STAT 200 QR: Med Biostat & Epidemiology	3
Choose one of the following: HSCI 080 Epi, Public Health & Inf Disease HLTH 105 D2: Cultural Health Care	3
<b>Total Credits</b>	<b>15</b>

Spring Semester	Credits
MMG 222 Adv Medical Microbiology <sup>1,2</sup>	4
Choose one of the following: BHSC 242 Immunology <sup>1</sup> MMG 223 Immunology <sup>1</sup>	3
BHSC 244 Immunology Lab <sup>1</sup>	1
BCOR 101 Genetics	3
Elective Course <sup>3</sup>	3
<b>Total Credits</b>	<b>14</b>

FOURTH YEAR

Fall Semester	Credits
BHSC 281 Applied Molecular Biology <sup>1</sup>	3
BHSC 282 Applied Molecular Biology Lab <sup>1</sup>	1
NFS 203 Food Microbiology	3
MLS 255 Clinical Microbiology II <sup>1</sup>	3
Elective Course <sup>3</sup>	6
<b>Total Credits</b>	<b>16</b>

Spring Semester	Credits
Choose one of the following: MLS 250 Clin Practicum: Microbiology <sup>1,2</sup> Or Elective Course <sup>3</sup>	3
MLS 282 Public Health Clinical Practicum	12
<b>Total Credits</b>	<b>15</b>

NOTES: <sup>1</sup>Professional course. <sup>2</sup>MLS 250 Clinical Practicum: Microbiology must be approved by the MLS program director. <sup>3</sup>For the public health science concentration, students must take 6 credits of department-approved electives in the area of Public Health. Students must obtain a list of approved elective courses for each respective academic year from their academic advisor. This plan of study is designed to meet the requirements for the Medical Laboratory Science major's public health laboratory science concentration. 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.

