

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 |
| Total Credits | 14 |

| Spring Semester | Credits |
|---|-----------|
| BHSC 098 Intro to Scientific Writing | 3 |
| CHEM 032 General Chemistry 2 | 4 |
| Math 019 QR: Fundamentals of Calculus I | 3 |
| Elective/Diversity/Sustainability Courses | 6 |
| Total Credits | 16 |

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 |
| Total Credits | 17 |

| Spring Semester | Credits |
|---|-----------|
| ANPS 020 Ugr Hum Anatomy & Physiology | 4 |
| CHEM 042 Intro Organic Chemistry | 4 |
| Elective/Diversity/Sustainability Courses | 6 |
| Total Credits | 14 |

THIRD YEAR

| Fall Semester | Credits |
|---|-----------|
| BHSC 297 Leadership & Mgt in Hlth Care ¹ | 3 |
| BIOC 201 Fundamentals of Biochemistry | 3 |
| PATH 101 Intro to Human Disease | 3 |
| MLS 221 Clinical Chemistry I ¹ | 4 |
| Elective Course | 3 |
| Total Credits | 16 |

| Spring Semester | Credits |
|---|-----------|
| MMG 222 Adv Medical Microbiology ¹ | 4 |
| Choose one of the following courses: BHSC 242 Immunology ¹ MMG 223 Immunology ¹ | 3 |
| BHSC 244 Immunology Lab ¹ | 1 |
| MLS 222 Clinical Chemistry II ¹ | 3 |
| Elective Course | 3 |
| Total Credits | 14 |

FOURTH YEAR

| Fall Semester | Credits |
|---|-----------|
| BHSC 281 Applied Molecular Biology ¹ | 3 |
| BHSC 282 Applied Molecular Biology Lab ¹ | 1 |
| MLS 231 Hematology ¹ | 4 |
| MLS 255 Clinical Microbiology II ¹ | 3 |
| MLS 262 Immunohematology ¹ | 4 |
| Total Credits | 15 |

| Spring Semester | Credits |
|---|-----------|
| MLS 292 Topics in Med Lab Science ¹ | 3 |
| MLS 220 Clinical Practicum: Chemistry ¹ | 3 |
| MLS 230 Clinical Practicum: Hematology ¹ | 3 |
| MLS 250 Clin Practicum: Microbiology ¹ | 3 |
| MLS 260 Clin Practicum: Immunohematology ¹ | 3 |
| Total Credits | 15 |

NOTES: ¹Professional course. This plan of study is designed to meet the requirements for the Medical Laboratory Science major's clinical 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.