**REQUIRED MAJOR COURSES (C- OR BETTER)**

**LOWER DIVISION BIOLOGY COURSES—ALL REQUIRED**
- BIO 260—Cell and Molecular Biology (4) - autumn, summer
- BIO 272—Genetics and Evolution (4) - spring

**MEDICAL LABORATORY SCIENCE MAJOR COURSES—ALL REQUIRED**
- BCH 380—Biochemistry (4) - autumn, spring [or BCH 480 & 482—Advanced Biochemistry I & II]
- BIO 410—Immunology (3) - autumn
- BIOH 365—Human Anatomy & Physiology I for Health Professions (4) - autumn
- BIOH 405—Hematology (3) - autumn
- BIOM 360/361—General Microbiology/Lab (5) - autumn
- BIOM 402/403—Medical Bacteriology and Mycology/Lab (5) - spring
- BIOM 427/428—Parasitology/Lab (4) - autumn
- BIOM 435—Virology (3) - spring

*DBS ADVANCED COLLEGE WRITING COURSE—RECOMMENDED COURSES*
- BCH 482—Advanced Biochemistry II (3) - spring
- BCH 486—Biochem Research Lab (3) - spring
- BIO 411—Immunology Lab (2) - autumn
- BIO 425—Adv Cell Biology (3) - spring
- BIOM 410/411—Microbial Genetics/Lab (4) - spring
- BIOM 499—Senior Thesis (3)

**CLINICAL PRACTICUM AT AFFILIATED PROGRAM—ALL REQUIRED (MUST APPLY AUTUMN PRIOR)**
- BIOH 470—Summer Clinical Internship (12) - summer
- BIOH 471—Professional Training I (13) - autumn
- BIOH 472—Professional Training II (12) - spring

**REQUIRED COURSES OUTSIDE OF THE MAJOR (C- OR BETTER)**

**MATHEMATICS—ALL REQUIRED**
- M 162—Applied Calculus (4) - autumn, spring [or M 171—Calculus I]
- STAT 216—Intro to Statistics (4) - autumn, spring, summer

**CHEMISTRY—ALL REQUIRED**
- CHMY 141N—College Chemistry I (5) - autumn, spring
- CHMY 143N—College Chemistry II (5) - spring, summer
- CHMY 221/222—Organic Chemistry I/Lab (5) - autumn

In order to be certified by the Board of Registry, MLS students must be admitted to and complete a clinical practicum/internship of 12 consecutive months in a school endorsed by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and American Society of Clinical Pathology (ASCP). This practicum is required for MLS 3+1 track. For more information about the clinical laboratory profession: http://hs.umt.edu/medtech/. Dr. Mike Minnick (mike.minnick@mso.umt.edu) is the MLS practicum advisor.

MLS 3+1 track requires 130 credits to graduate. To be competitive for admittance into the required clinical practicum, MLS 3+1 students must be in good academic standing, with a GPA >3.0. Experience in a hospital/clinic laboratory is also recommended.