

B.S. IN MEDICAL LABORATORY SCIENCE, 3+1 TRACK

LOWER DIVISION BIOLOGY COURSES—ALL REQUIRED

_____ BIOB 260—Cell and Molecular Biology (4) - autumn, summer

_____ BIOB 272—Genetics and Evolution (4) - spring

MEDICAL LABORATORY SCIENCE MAJOR COURSES—ALL REQUIRED

_____ BCH 380—Biochemistry (4) - autumn, spring

_____ BIOB 410—Immunology (3) - autumn

_____ BIOH 365/366—Human Anatomy & Physiology I for Health Professions & Lab (3/1) - autumn

_____ BIOH 405—Hematology (3) - autumn

_____ BIOM 360/361—General Microbiology/Lab (3/2) - autumn

_____ BIOM 402/403—Pathogenic Microbes/Lab (3/2) - spring

_____ BIOM 427/428—General Parasitology/Lab (2/2) - autumn

_____ BIOM 435—Virology (3) - spring

*CLINICAL PRACTICUM AT AFFILIATED PROGRAM—ALL REQUIRED (**MUST APPLY PRIOR AUTUMN**)

_____ 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)

CALCULUS—CHOOSE ONE OF THE FOLLOWING

_____ M162—Applied Calculus (4) - autumn, spring, summer

_____ M171—Calculus I (4) - autumn, spring

STATISTICS—REQUIRED

_____ STAT 216—Intro to Statistics (4) - autumn, spring, summer

CHEMISTRY—ALL REQUIRED

_____ CHMY 141N/142N—College Chemistry I/Lab (4/1) - autumn, spring

_____ CHMY 143N/144N—College Chemistry II/Lab (4/1) - spring, summer

_____ CHMY 221/222—Organic Chemistry I/Lab (3/2) - 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). A practicum at one of our affiliated programs is required for the 3+1 Bachelor's degree. 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 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 highly recommended.