

Biomedical Sciences: Medical Lab Science Submajor



Minimum credits required for graduation: 129

Minimum GPA's for graduation: 2.500 UWM and 2.500 Science GPA (see notes)

FRESHMAN YEAR

Fall Semester	Credits
BIOLOGICAL SCI 202 Anatomy & Physiology I	4
BIOMEDICAL SCI 101 Intro Clinical Lab Science*	2
BIOMEDICAL SCI 205 Intro Diagnostic Medicine*	3
CHEMISTRY 102 General Chemistry	5
GER Elective-Arts	3
Total	17

Spring Semester	Credits
BIOLOGICAL SCI 203 Anatomy & Physiology II	4
CHEMISTRY 104 Gen Chemistry & Qualitative Analysis	5
GER Elective-Social Science	3
GER Elective-Humanities	3
Total	15

SOPHOMORE YEAR

Fall Semester	Credits
BIOLOGICAL SCI 150 Foundations of Biological Sci I	4
BIOMEDICAL SCI 301 & 302 & 303 Pathophysiology	3
CHEMISTRY 341 Organic Chemistry Lecture	3
CHEMISTRY 342 Organic Chemistry Lab	2
GER Elective-Humanities	3
Total	15

Spring Semester	Credits
BIOLOGICAL SCI 325 Genetics	4
BIOMEDICAL SCI 304 & 305 Pathophysiology	2
HEALTH SCI 224 Comp Tools for HC Professionals	3
KIN 270 Statistics in Health Sciences (OLB)	3
GER Elective-Social Science & Cultural Diversity	3
Total	15

JUNIOR YEAR

Fall Semester (Apply for Advancement)	Credits
BIOLOGICAL SCI 383 Gen Microbiology	4
BIOMEDICAL SCI 427 Clinical Immunology	3
BIOMEDICAL SCI 428 Clinical Immunology Lab	1
CHEMISTRY 501 Biochemistry	3
HEALTHCARE ADMIN 249 Writing for Pro Dev (OWCB)	3
Total	14

Spring Semester	Credits
BIOMEDICAL SCI 420 & 421 Intro Hematology/Lab	4
BIOMEDICAL SCI 431 & 432 Clinical Chemistry/Lab	4
BIOMEDICAL SCI 534 & 535 Med Microbiology/Lab	5
BIOMEDICAL SCI 560 Molecular & Genetic Diagnostics	2
BIOMEDICAL SCI 561 Molecular Diagnostics Lab	1
Total	16

Summer Semester	Credits
BIOMEDICAL SCI 521 Applied Clinical Hematology	2
BIOMEDICAL SCI 522 Hemostasis	1
BIOMEDICAL SCI 536 Applied Clinical Microbiology	2
BIOMEDICAL SCI 537 Med Parasitology & Mycology	2
BIOMEDICAL SCI 541 Urinalysis	1
BIOMEDICAL SCI 542 Applied Clinical Chemistry	2
Total	10

SENIOR YEAR

Fall Semester	Credits
BIOMEDICAL SCI 523 Lectures in Adv Hematology	1
BIOMEDICAL SCI 529 Intro to Immunohematology	3
BIOMEDICAL SCI 530 Immunohematology/Blood Bank Lab	1
BIOMEDICAL SCI 547 Clinical Lab Diagnosis	5
BIOMEDICAL SCI 548 Clinical Lab Practicum	5
BIOMEDICAL SCI 555 Toxicology & TDM	1
Total	16

Spring Semester	Credits
BIOMEDICAL SCI 524 Adv Clinical Hematology Practicum	3
BIOMEDICAL SCI 531 Adv Lectures in CLS	1
BIOMEDICAL SCI 532 Adv Clinical Immunohematology	3
BIOMEDICAL SCI 538 Adv Clinical Microbiology Practicum	3
BIOMEDICAL SCI 544 Adv Clinical Chemistry Practicum	3
BIOMEDICAL SCI 549 Professional Development in CLS	3
Total	16

Notes

*BMS 101 and 205 are recommended for students but not required for graduation.
Planner assumes student tested out of the following: CHEM 100, ENGLISH 102 (OWCA), and MATH SCIENCE 105 (QLA).
Application for advancement to major (Apply for Advancement) happens in fall semester only.
Student's Science GPA comprised of classes in bold print.
For advancement to major, students must earn a C or better in BIO SCI 383, BMS 427 & 428, and CHEM 501.
A Background Check and Drug Screen will be required on all Medical Lab Science students prior to starting the clinical training.