

Biomedical Sciences: Biomedical Science Submajor



Minimum credits required for graduation: 120

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

SENIOR YEAR

Fall Semester	Credits
BIOMEDICAL SCI 523 Lectures in Adv Hematology	1
BIOMEDICAL SCI 547 Clinical Lab Diagnosis	5
BIOMEDICAL SCI 555 Toxicology & TDM	1
BIOMEDICAL SCI 599 Adv Independent Study	3
Elective	6
Total	16

Spring Semester	Credits
BIOMEDICAL SCI 531 Adv Lectures in CLS	1
BIOMEDICAL SCI 549 Professional Development in CLS	3
BIOMEDICAL SCI 599 Adv Independent Study	3
Elective	5
Total	12

Notes

- *BMS 101 and 205 are recommended for students but not required for graduation.
- 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.