

Biomedical Sciences: Public Health Microbiology 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
CHEMISTRY 102 General Chemistry	5
HEALTH SCI 101 Intro to Health & Disease	2
HEALTH SCI 222 Language of Medicine	3
Total	14

Spring Semester	Credits
BIOLOGICAL SCI 203 Anatomy & Physiology II	4
CHEMISTRY 104 Gen Chemistry & Qualitative Analysis	5
HEALTH SCI 224 Computational Tools for HC Pros	3
GER Elective-Arts	3
Total	15

SOPHOMORE YEAR

Fall Semester	Credits
BIOLOGICAL SCI 150 Foundations of Biological Sci I	4
BIOMEDICAL SCI 205 Intro Diagnostic Medicine	3
BIOMEDICAL SCI 301 & 302 & 303 Pathophysiology	3
CHEMISTRY 341 Organic Chemistry Lecture	3
CHEMISTRY 342 Organic Chemistry Lab	2
Total	15

Spring Semester	Credits
BIOLOGICAL SCI 325 Genetics	4
BIOMEDICAL SCI 201 Sexually Transmitted Diseases	3
BIOMEDICAL SCI 245 Client Diversity in HS (SS/CD)	3
BIOMEDICAL SCI 304 & 305 Pathophysiology	2
KIN 270 Statistics in Health Sciences (QLB)	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
HEALTH CARE ADMIN 212 Drugs Used & Abused (SS)	3
Total	14

Spring Semester	Credits
BIOMEDICAL SCI 534 & 535 Med Microbiology/Lab	5
BIOMEDICAL SCI 560 Molecular & Genetic Diagnostics	2
BIOMEDICAL SCI 561 Molecular Diagnostics Lab	1
HEALTH CARE ADMIN 307 Epidemiology for HS	3
HEALTH SCI 311 Law for Health Care Consumers	3
HEALTHCARE ADMIN 249 Writing for Pro Dev (OWCB)	3
Total	17

Summer Semester	Credits
BIOMEDICAL SCI 536 Applied Clinical Microbiology	2
BIOMEDICAL SCI 537 Med Parasitology & Mycology	2
Electives	4
Total	8

SENIOR YEAR

Fall Semester	Credits
BIOMEDICAL SCI 539 Public Health Microbiology	2
BIOMEDICAL SCI 540 Public Health Microbiology Lab	2
BIOMEDICAL SCI 555 Toxicology & TDM	1
BIOMEDICAL SCI 599 Independent Study (See Note)	2
GER Elective-Humanities	3
Electives	3
Total	13

Spring Semester	Credits
BIOMEDICAL SCI 531 Advanced Lectures in CLS	2
BIOMEDICAL SCI 538 Advanced Clinical Microbiology Prac.	3
BIOMEDICAL SCI 548 Clinical Lab Practice	4
BIOMEDICAL SCI 549 Professional Development in BMS	1
GER Elective-Humanities	3
Total	13

Notes

<i>BMS 599 in final fall: enroll in single credit sections taught by Cindy Brown and Brad Depons</i>
<i>Planner assumes student tested out of the following: CHEM 100, ENGLISH 102 (OWCA), and MATH SCIENCE 105 (QLA).</i>
<i>Application for advancement to major (Apply for Advancement) happens in fall semester only.</i>
<i>Student's Science GPA comprised of classes in bold print.</i>
<i>For advancement to major, students must earn a C or better in BIO SCI 383, BMS 427 & 428, and CHEM 501.</i>
<i>A Background Check and Drug Screen will be required on all PHM students prior to starting the clinical training.</i>