

BIOMEDICAL SCIENCES: BIOMEDICAL SCIENCE SUBMAJOR
MINIMUM DEGREE CREDITS: 120

FRESHMAN YEAR

BIOLOGICAL SCI 202 Anatomy & Physiology I	4	BIOLOGICAL SCI 203 Anatomy & Physiology II	4
BIOMEDICAL SCI 101 Intro Clinical Lab Science	(2)	CHEMISTRY 104 General Chemistry & Qualitative Analysis	5
BIOMEDICAL SCI 205 Intro Diagnostic Med	(3)	HEALTH SCI 224 Computational Tools for HC Professionals	3
CHEMISTRY 102 General Chemistry	5	GER Elective-Humanities	3
GER Elective-Arts	3		15
(Note: BMS 101 & 205 highly recommended, not required)	12(17)		

SOPHOMORE YEAR

BIOLOGICAL SCI 150 Foundations of Biological Science I	4	BIOLOGICAL SCI 325 Genetics	4
BIOMEDICAL SCI 301 & 302 & 303 Pathophysiology	3	BIOMEDICAL SCI 304 & 305 Pathophysiology	2
CHEMISTRY 341 Organic Chemistry Lecture	3	KIN 270 Statistics in Health Sciences (QLB)	3
CHEMISTRY 342 Organic Chemistry Lab	2	GER Elective-Social Science	3
ENGLISH 207 Health Science Writing (OWCB)	3	GER Elective-Social Science	3
(ENG 207 required for students w/out any credit prior to Fall '13)	15		15

JUNIOR YEAR- Minimum grade of C required in BIO SCI 383, CHEM 501, BMS 427 & 428

BIOLOGICAL SCI 383 Gen Microbiology	4	BIOMEDICAL SCI 420 Intro Hematology	3
BIOMEDICAL SCI 427 Clinical Immunology	3	BIOMEDICAL SCI 421 Intro Hematology Lab	1
BIOMEDICAL SCI 428 Clinical Immunology Lab	1	BIOMEDICAL SCI 431 Clinical Chemistry	3
CHEMISTRY 501 Biochemistry	3	BIOMEDICAL SCI 432 Clinical Chemistry Lab	1
GER Elective-Humanities	3	BIOMEDICAL SCI 534 Med Microbiology	3
	14	BIOMEDICAL SCI 535 Med Microbiology Lab	2
Students apply in fall to enter BMS professional study.		BIOMEDICAL SCI 560 Molecular & Genetic Diagnostics	2
MINIMUM GPA requirements to apply:		BIOMEDICAL SCI 561 Molecular Diagnostics Lab	1
2.5 Science GPA; 2.5 UWM Cumulative GPA			16

SENIOR YEAR

<u>Biomedical Science-Fall Semester Senior Year</u>		<u>Biomedical Science-Spring Semester Senior Year (Finish)</u>	
BIOMEDICAL SCI 523 Lectures in Adv Hematology	1	BIOMEDICAL SCI 531 Adv Lectures in CLS	1
BIOMEDICAL SCI 547 Clinical Lab Diagnosis	5	BIOMEDICAL SCI 549 Professional Development in CLS	3
BIOMEDICAL SCI 555 Toxicology & TDM	1	BIOMEDICAL SCI 599 Adv Independent Study	3
BIOMEDICAL SCI 599 Adv Independent Study	3	Electives	10
Electives	6		17
	16		

Notes:

Students must earn a minimum, UWM GPA of 2.5 to be eligible to graduate from Biomedical Sciences and must earn minimum grades of C within professional major coursework to remain eligible.

Classes in bold print count toward a student's Science GPA.

Electives posted in final year only necessary to complete credit requirement for graduation.