

Last update 11 March 2015

FRESHMAN YEAR

CHEM 102 General Chemistry*	5	CHEM 104 Gen Chemistry & Qualitative Analysis*	5
BIO SCI 202 Anatomy & Physiology I*	4	BIO SCI 203 Anatomy & Physiology II*	4
BIOMED SCI 101 Intro Clinical Lab Science	(2)	HLTH SCI 224 Intro to Microcomputers	3
BIOMED SCI 205 Intro Diagnostic Med (Fall only)	(3)	GER Elective-Humanities	3
GER Elective-Arts	3		15
(Note: BMS 101&205 highly recommended , not req'd)	12(17)		

SOPHOMORE YEAR

BIO SCI 150 Foundations of Biological Science I	4	BIO SCI 325 Genetics*	4
BIOMED SCI 301*/302*/303* Pathophysiology	3	KIN 270 Statistics in Health Sciences (QLB)	3
CHEM 341 Organic Lec* (Fall only)	3	BIOMED SCI 304*/305* Pathophysiology	2
CHEM 342 Organic Lab* (Fall only)	2	GER Electives-Social Science	6
ENGLISH 207 Health Science Writing (OWCB)	3		15
(<i>ENG 207 req. for students w/out any credit prior to Fall '13</i>)	15		

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

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

SENIOR YEAR (Summer)

BIOMED SCI 521 Applied Clinical Hematology	2
BIOMED SCI 522 Hemostasis	1
BIOMED SCI 536 Applied Clinical Microbiology	2
BIOMED SCI 537 Med Parasitology & Mycology	2
BIOMED SCI 541 Urinalysis	1
BIOMED SCI 542 Applied Clinical Chemistry	2
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Medical Lab Sci-Fall Semester Senior Year

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

Medical Lab Sci-Spring Semester Senior Year (Finish)

BIOMED SCI 524 Adv Clinical Hematology Practicum	3
BIOMED SCI 531 Adv Lectures in CLS	1
BIOMED SCI 532 Adv Clinical Immunohematology	3
BIOMED SCI 538 Adv Clinical Microbiology Practicum	3
BIOMED SCI 544 Adv Clinical Chemistry Practicum	3
BIOMED SCI 549 Professional Development in CLS	3
	16

OR

Biomedical Science-Fall Semester Senior Year

BIOMED SCI 523 Lectures in Adv Hematology	1
BIOMED SCI 547 Clinical Lab Diagnosis	5
BIOMED SCI 555 Toxicology & TDM	1
BIOMED SCI 599 Adv Independent Study	3
Electives	6
	16

Biomedical Science-Spring Semester Senior Year (Finish)

BIOMED SCI 531 Adv Lectures in CLS	1
BIOMED SCI 549 Professional Development in CLS	3
BIOMED SCI 599 Adv Independent Study	3
Electives	9
	16

OR

Cytotechnology-Fall Semester Senior Year

BIOMED SCI 501 Intro to Cytotechnology	1
BIOMED SCI 575 Cytology of Fem Gen Lec	4
BIOMED SCI 576 Cytology of Fem Gen Lab	4
BIOMED SCI 577 Cytology of Respiratory Tract	3
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Cytotechnology-Spring Semester Senior Year

BIOMED SCI 578 Cytology of the GI & GU Tracts	2
BIOMED SCI 579 Cytology of Effusion & CNS	3
BIOMED SCI 580 Aspiration Cytology	4
BIOMED SCI 581 Special Procedures in Cytology	1
BIOMED SCI 582 Cytology of the Breast	1
BIOMED SCI 586 Cytology Lab Operations and QC	1
	12

Cytotechnology-Summer Senior Year (Finish)

BIOMED SCI 583 Cytology Preparation Techniques	1
BIOMED SCI 587 Research Methods in Cytology	1
BIOMED SCI 588 Diagnostic Microscopy in Cytology	5
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[NOTE: Of the GER Electives listed above, select from Art, Humanities, or Social Science a course to satisfy GER-Cultural Diversity; e.g., Dance 122, African Dance, meets Arts & Cult Div.) For a complete list of GER courses, see the UWM Schedule of Classes.]