



ADVISING WORKSHEET
BACHELOR OF SCIENCE DEGREE MAJOR IN BIOLOGY
MEDICAL LABORATORY SCIENCE OPTION
General Bulletin 2017-2018

TRANSFER INSTITUTION(S):

Montana State University Billings
 Advising & Career Services
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Student ID # _____

GENERAL EDUCATION REQUIREMENTS – SEE ATTACHED PAGE FOR SPECIFIC COURSES

General Education Category	Course #	Credits	Grade	Semester	Equivalent
Category I: Global Academic Skills (9 credits) A. Mathematics (3 credits) <i>STAT 216 – major requirement</i> B. English (3 credits) C. Communication & Information Literacy (3 credits)					
Category II: Natural Sciences (7 credits) 2 lectures (6 credits) & 1 lab (1 credit) (1 life science & 1 physical science & 1 lab) <i>BIOB 160/161 & CHMY 141 are major requirements</i>					
Category III: Social Sciences and History (6 credits) A. Social Science (3 credits) B. History (3 credits)					
Category IV: Cultural Diversity (3 credits)					

GENERAL EDUCATION REQUIREMENTS

CATEGORY I: GLOBAL ACADEMIC SKILLS **9 credits**

Students are required to take one course from each subcategory

Subcategory A - Mathematics **3 credits**

M	105	Contemporary Mathematics	3
M	114	Extended Technical Mathematics	3
M	121	College Algebra	3
M	122	College Trigonometry	3
M	130	Mathematics for Elementary Teachers I	3
M	143	Finite Mathematics	4
M	161	Survey of Calculus	3
M	171	Calculus I	4
STAT	M		3 M

3 M

Course		Credits	Grade	Semester	Equivalent
<i>A minimum grade of C- or better is required in all major coursework</i>					
Biology Requirements					
*BIOB	160	Principles of Living Systems	3		
* BIOB	161	Principles of Living Systems Lab	1		
BIOB	250	Microbiology for Health Sciences	3		
BIOB	251	Microbiology for Health Sciences Lab	1		
BIOB	260	Cellular and Molecular Biology	3		
BIOB	261	Cellular and Molecular Biology Lab	1		
BIOH	301	Human Anatomy and Physiology I	3		
BIOH	302	Human Anatomy and Physiology I Lab	1		
BIOH	311	Human Anatomy and Physiology II	3		
BIOH	312	Human Anatomy and Physiology II Lab	1		
BIOB	375	General Genetics	3		
BIOB	376	General Genetics Lab	1		
BIOB	400	Medical Microbiology	3		
BIOB	401	Medical Microbiology Lab	1		
BIOH	405	Hematology	3		
BIOH	406	Hematology Lab	1		
BIOB	410	Immunology	3		

Physics Requirement (choose one Physics course with lab)

*PHSX	205	College Physics I	3			
* PHSX	206	College Physics I Lab	1			
or						
PHSX	220	Physics I	3			
PHSX	221	Physics I Lab	1			

Physics Total 4

Upper Division Science electives (6 credits)

^CHMY	311	Analytical Chemistry – Quantitative Analysis	3			
^CHMY	312	Analytical Chemistry Laboratory – Quantitative Analysis	1			