

## BIOMEDICAL SCIENCES MAJOR KIRTLAND CC TRANSFER GUIDE

**BIOLOGICAL SCIENCES COURSES** - A minimum of 34 credit hours; all courses **MUST** have the appropriate prerequisites met **BEFORE** enrollment; ***you MUST have a "C" or better in ALL BIOS classes***, both to use as a prerequisite and to count for the major.

<b>Required Core</b>	<b>Approved Substitute</b>	<b>Where taken other than WMU</b>	<b>Credit Hours</b>	<b>Grade Rec'd</b>	<b>Semester Taken or Comments</b>
BIOS 1500			4		
BIOS 1510			4		
BIOS 2110			4		
BIOS 2300			3		
BIOS 2500			3		
BIOS 3120			5		
BIOS 3500*			5		

**BIOS Electives:** A ***MINIMUM of 6 credit hours*** at the 4000/5000 level taken from the following (only 3 hr. may be 4980 or 4990; ***AND*** 3 credits ***MUST*** come from the pre-approved list of Capstone courses, listed in **bold**): 4270, 4300, 4390, 4400, 4410, 4420, 4430, 4560, **4980, 4990, 5240, 5250, 5260, 5265, 5270, 5340**, 5360, **5440, 5445, 5450, 5455, 5460**, 5470, 5490, 5530, **5535**, 5570, 5590, **5593, 5595**, 5600, 5610, **5700, 5740, 5970**.

BIOS					
BIOS					
BIOS					
<b>TOTAL</b>			<u>34 or more</u>		

\* Baccalaureate Writing Requirement course: BIOS 3500 or approved substitute

**REQUIRED COGNATES:** Students COULD receive a minor in CHEM with 20 CHEM credits...see CHEM Advisor for details.

**CHEMISTRY** - A minimum of 20 credit hours, including a course in organic chemistry and biochem. with lab.

CHEM 1100 & 1110	CHE 10101 & 10102	Kirtland CC	3, 1		
CHEM 1120 & 1130	CHE 10201 & 10202	Kirtland CC	3, 1		
CHEM 3750 & 3760			3, 1		
CHEM 3770 & 3780			3, 1		
CHEM 3550 & 3560			3, 1		
<b>TOTAL</b>			<u>20</u>		

**PHYSICS** - Two courses in general physics with laboratories.

PHYS 1130 & 1140	PHY 20101 & 20102	Kirtland CC	4, 1		
PHYS 1150 & 1160	PHY 20201 & 20202	Kirtland CC	4, 1		
<b>TOTAL</b>			<u>10</u>		

**MATHEMATICS** - A minimum of 8 credit hours starting at calculus level or above and a course in Statistics.

MATH 1220 or 2000	MTH 22002	Kirtland CC	4		
STAT 2600 or 3660	MTH 20600	Kirtland CC	4		
<b>TOTAL</b>			<u>8</u>		

**NOTE: STUDENTS *MUST* SEE A CURRICULUM ADVISOR  
 IN THE ARTS AND SCIENCES ADVISING OFFICE IN 2318 FRIEDMAN HALL  
 TO DISCUSS GENERAL EDUCATION REQUIREMENTS;  
 YOU *MUST ALSO* SEE THE BIOLOGICAL SCIENCES UNDERGRADUATE  
 ADVISOR IN 3447 WOOD HALL TO SET UP AN OFFICIAL MAJOR SLIP.**