

BIOMEDICAL SCIENCES MAJOR JACKSON 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.

Required Core	Approved Substitute	Where taken other than WMU	Credit Hours	Grade Rec'd	Semester Taken or Comments
BIOS 1500	BIO 131	Jackson CC	4		
BIOS 1510			4		
BIOS 2110	BIO 155	Jackson CC	4		
BIOS 2500			3		
BIOS 3120			5		
BIOS 3500*			5		

BIOS Electives: A minimum of 6 credit hours from the following: 4300, 4980, 4990, 5240, 5250, 5260, 5340, 5360, 5590, 5600, 5610, 5700, 5740, 5970; **only 3 hr. may be 4980 or 4990.**

BIOS			3		
BIOS			3		
BIOS					
Capstone Experience	BIOS 5970 or 4990		3		
TOTAL			<u>34</u>		

* Baccalaureate Writing Requirement course: BIOS 3500 or approved substitute

REQUIRED COGNATES:

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

CHEM 1100 & 1110	CEM 141	Jackson CC	3, 1		
CHEM 1120 & 1130	CEM 142	Jackson CC	3, 1		
CHEM 3750 & 3760			3, 1		
CHEM 3770 & 3780			3, 1		
CHEM 3550 & 3560			3, 1		
TOTAL			<u>20</u>		

PHYSICS - Two courses in general physics with laboratories.

PHYS 1130 & 1140	PHY 231	Jackson CC	4, 1		
PHYS 1150 & 1160	PHY 232	Jackson CC	4, 1		
TOTAL			<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 151	Jackson CC	4		
STAT 2600 or 3660	MTH 133	Jackson CC	4		
TOTAL			<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.**