

BIOLOGY MAJOR – JACKSON CC TRANSFER GUIDE

BIOLOGICAL SCIENCES COURSES - A minimum of 32 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 2500			3		
BIOS 2020 or 3120			4 or 5		
BIOS 3010*			5		
BIOS 3190* or 3500*			4 or 5		

BIOS Electives: A minimum of 6 credit hours from the following: 3120, 4270, 4300, 4390, 4410, 4420, 4560, 4980, 4990, 5240, 5250, 5260, 5340, 5360, 5420, 5470, 5490, 5530, 5570, 5590, 5600, 5610, 5700, 5740, 5970; **only 3 hr. may be 4980 or 4990.**

BIOS					
BIOS					
BIOS					
Capstone Experience BIOS 5970 or 4990			3		Sen. Sem. or Ind. Res.
TOTAL			<u>32 or more</u>		

* Baccalaureate Writing Requirement course: BIOS 3010, 3190, 3500 or approved substitute

REQUIRED COGNATES:

CHEMISTRY - A minimum of 16 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 3700 & 3710			3, 1		
CHEM					
CHEM 3550 & 3560			3, 1		
TOTAL			<u>10</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.**