

BIOLOGICAL SCIENCES DEPARTMENT
COLLEGE OF ARTS AND SCIENCES **WESTERN MICHIGAN UNIVERSITY**

BIOLOGY MAJOR – WASHTENAW 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.

<u>Required Core</u>	<u>Approved Substitute</u>	<u>Where taken other than WMU</u>	<u>Credit Hours</u>	<u>Grade Rec'd</u>	<u>Semester Taken or Comments</u>
BIOS 1500	BIO 103	Washtenaw CC	4		
BIOS 1510	BIO 227	Washtenaw CC	4		
BIOS 2500	BIO 208	Washtenaw CC	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 111	Washtenaw CC	3, 1		
CHEM 1120 & 1130	CEM 122	Washtenaw CC	3, 1		
CHEM 3700 & 3710			3, 1		
CHEM					
CHEM 3550 & 3560			3, 1		
TOTAL			<u> </u>		

PHYSICS - Two courses in general physics with laboratories.

PHYS 1130 & 1140	PHY 235	Washtenaw CC	4, 1		
PHYS 1150 & 1160	PHY 245	Washtenaw 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 191 or 182	Washtenaw CC	4		
STAT 2600 or 3660	MTH 160	Washtenaw 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.**

1/2008