

## **BIOLOGY SECONDARY EDUCATION MAJOR** **WASHTENAW CC TRANSFER GUIDE**

**BIOLOGICAL SCIENCES COURSES** - A minimum of 36 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><u>Required Core</u></b>	<b><u>Approved Substitute</u></b>	<b><u>Where taken other than WMU</u></b>	<b><u>Credit Hours</u></b>	<b><u>Grade Rec'd</u></b>	<b><u>Semester Taken or Comments</u></b>
BIOS 1500	BIO 103	Washtenaw CC	4		
BIOS 1510	BIO 227	Washtenaw CC	4		
BIOS 2020	BIO 228	Washtenaw CC	4		
BIOS 2300	BIO 215	Washtenaw CC	3		
BIOS 2500	BIO 208	Washtenaw CC	3		
BIOS 3010*			5		
BIOS 2320	BIO 237	Washtenaw CC	4		
BIOS 2400			4		

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

BIOS					
BIOS					
Methods Course: SCI 4040			3		
<b>TOTAL</b>					

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

**REQUIRED COGNATES:** (Students may want to consider electing a SED-Chemistry Minor along with this major)

**MATHEMATICS** - A minimum of 8 credit hours including a calculus course and a statistics course.

MATH 1220 or 2000	MTH 191 or 182	Washtenaw CC	4		
STAT 2600 or 3660	MTH 160	Washtenaw CC	4		
<b>TOTAL</b>			<b>8</b>		

**CHEMISTRY** - A minimum of 12 credit hours, including a course in organic chemistry.

CHEM 1100 & 1110	CEM 111	Washtenaw CC	3, 1		
CHEM 1120 & 1130	CEM 122	Washtenaw CC	3, 1		
CHEM 3700 & 3710			3, 1		
CHEM					
<b>TOTAL</b>			<b>12</b>		

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

PHYS 1130 & 1140	PHY 235	Washtenaw CC			
PHYS 1150 & 1160	PHY 245	Washtenaw CC			
<b>TOTAL</b>					

**NOTE: STUDENTS MUST SEE A CURRICULUM ADVISOR  
IN THE EDUCATION ADVISING OFFICE IN 2304 SANGREN HALL  
TO DISCUSS GENERAL AND COLLEGE OF EDUCATION REQUIREMENTS;  
YOU MUST ALSO SEE THE BIOLOGICAL SCIENCES UNDERGRADUATE  
ADVISOR IN 3447 WOOD HALL TO SET UP AN OFFICIAL MAJOR SLIP.**

1/2008