

BIOMEDICAL SCIENCES MAJOR KELLOGG 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.

| <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 | | | 4 | | |
| BIOS 1510 | | | 4 | | |
| BIOS 2110 | | | 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 | | | 34 | | |

* 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 | 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 | | |

TOTAL 20

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 | | |

TOTAL 10

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 | | |

TOTAL 8

**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.**