

# Division of Biological Sciences

## GRADUATION PLAN For Students Entering College Before Fall 2011

# Bachelor of Arts (BA)

\_\_\_\_\_  
Name in Full

\_\_\_\_\_  
Local Address, including zip code

\_\_\_\_\_  
E-mail Address

### Biological Sciences

Select at least 29 total hours in *biology*, including:

- at least 16 hours at 3000-level or higher
- at least one 3000-level or higher course with a formal lab or field experience
- at least 12 hours at 2000-level or higher *at MU*

	Course Number	Grade/ Transfer	Hours
Introductory Biology	1500	_____	_____
General Genetics	2200	_____	_____
Cell Biology	2300	_____	_____
Population Biology	_____	_____	_____
Biological Diversity	_____	_____	_____
Capstone	_____	_____	_____
<u>Electives</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Bio Hrs \_\_\_\_\_ Bio Hrs at 3000+ \_\_\_\_\_

You must receive a *grade of C- or higher* in all the biology courses you use to fulfill these requirements, and you must also maintain an *overall GPA of 2.0 or higher* in all those courses. Satisfactory/Unsatisfactory grading option is not available.

You may not use independent reading, internship, problems courses, Bio 2060 or 2100 to meet the 29-hour requirement.

You may use Biochemistry 4270 and 4272 to meet the 29-hour requirement.

rev. 05-24-13

\_\_\_\_\_  
Student Number

\_\_\_\_\_  
Local Phone Number

#### Population Biology (select *one* course)

- Bio 3650 General Ecology, 5 hrs, lab, f
- Bio 4600 Evolution, 3 hrs, f & s
- Bio 4640 Behavioral Biology, 3 hrs lec/4 hrs, lab, f
- Bio 4660 Plant Population Biology, 4 hrs, lab, f

#### Biological Diversity (select *one* course)

- Bio 2600 Ornithology, 4 hrs, lab, s
- Bio 2700 Ichthyology, 4 hrs, lab, s
- M 3200 Medical Microbiology, 4 hrs, f & s
- Bio 3210 Plant Systematics, 4 hrs, lab, s
- Bio 3260 Invertebrate Zoology, 4 hrs, lab, s
- Bio 3510 Biology of Fungi, 3 hrs, lab, s
- Bio 3660 Mammalogy, 4 hrs, lab, s
- Bio 3710 & 3715 Entomology/Insect Diversity, 5 hrs, lab, f (both required)

NOTE: The following courses will fulfill *both* the Population *and* Diversity requirements: 2600, 2700, 3260, 3660, 4660.

#### Capstone (select *one* course; complete in last 45 hours)

- Bio 4950/4952 Undergrad Research, 3 hrs, f, s & sum
- Bio 4976 Molecular Biology, 3 hrs, f & s
- Bio 4978 Cancer Biology, 3 hrs, f
- Bio 4982 Human Inherited Diseases, 3 hrs, even f
- Bio 4983 Molecular Ecology, 4 hrs, lab, odd s
- Bio 4984 Mammalian Reproductive Bio, 3 hrs, f
- Bio 4986 Neurology of Motor Systems, 3 hrs, odd f
- Bio 4988 Nerve Cells and Behavior, 3 hrs, odd s
- Bio 4990 Vertebrate Histology/Microscopic Anatomy, 5 hrs, lab, f
- Bio 4994 Senior Seminar, 3 hrs, f & s

f (fall), s (spring), sum (summer)

\_\_\_\_\_  
Expected Graduation Date

### Related Science Fields

Grade/  
Transfer Hours

#### Chemistry (all courses required)

Chem 1320 General Chemistry I	_____	_____
Chem 1330 General Chemistry II	_____	_____
Chem 2100 Organic Chemistry I	_____	_____
Chem 2110 Organic Chemistry II	_____	_____

#### Physical Sciences (select *one* course)

Phys 1210 College Physics I, 4 hrs	_____	_____
Phys 2750 Univ. Physics I, 5 hrs	_____	_____
Geol 1100 Prin. of Geology, 4 hrs	_____	_____
Geol 1200 Environ Geol., 4 hr	_____	_____
Astr 1010 Astronomy, 4 hrs	_____	_____

#### Mathematical Sciences (select *one* course)

Math 1400 Calculus for Soc/Nat Sciences I, 3 hrs	_____	_____
Math 1500 Anal. Geom. & Calculus I, 5 hrs	_____	_____
Stat 1400 Elem Stat for Life Sciences, 3 hrs	_____	_____
CS 1040 Intro. to Problem Solving & Programming, 3 hrs	_____	_____

You must receive a *grade of C- or higher* in all the courses in related science fields that you use to fulfill these requirements, and you must also maintain an *overall GPA of 2.0 or higher* in all MU courses.

_____ Student	_____ Date
_____ Advisor	_____ Date
_____ Director of Undergraduate Studies	_____ Date
_____ Dean	_____ Date