

# Division of Biological Sciences

# GRADUATION PLAN

For Students Entering College Fall 2017

# 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	_____	_____
Evolutionary 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 2001, 2060, 2100 or 2150 to meet the 29-hr req.

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

rev. 07-17-17

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

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

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

- \*Bio 3400 Evolution and Ecology, 3 hrs, f & s  
Bio 4600 Evolution, 3 hrs, f & s

### 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 3260W 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)  
Bio 3750 General Microbiology, 3 hrs, f  
Bio 3002 General Microbiology Lab, 2 hrs, f  
(must be taken with Bio 3750 as pre or co-req)

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

- Bio 4950/4952 Undergrad Research, 3 hrs, f, s & sum  
Bio 4972W Developmental Biology, 3 hrs, f, s  
Bio 4976 Molecular Biology, 3 hrs, f & s  
Bio 4978 Cancer Biology, 3 hrs, f  
Bio 4982W Human Inherited Diseases, 3 hrs, even f  
Bio 4983 Molecular Ecology, 4 hrs, lab, odd s  
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)

\*Effective Spring 2015: No credit for Bio 3400 if either Bio 3650 or Bio 4600 is already completed. May not be co-enrolled in Bio 3400 and Bio 4600.

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

Related Science Fields Grade/Transfer Hours

### Chemistry (all courses required)

Chem 1320 General Chemistry I	_____	_____
Chem 1330 General Chemistry II	_____	_____
Chem 2030 Survey Org Chem, 3 hrs or Chem 2100 Org Chem I, 3 hrs and Chem 2110 Org Chem II, 3 hrs	_____	_____

### 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 1200 or 1400 Elementary Statistics, 3 hrs	_____	_____
InfoTC 1040 Intro. 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 Biological Sciences Date

\_\_\_\_\_  
Dean Date