

Biology Major (BA)
Department of Biology and Earth Science
Otterbein University

Suggested Program of Study

FRESHMAN YEAR

Fall Semester		Spring Semester	
BIO 1010 Intro Molecular/Cell (skills)	4	BIO 1020 Intro Organisms/Ecology	4
CHEM 1400/10 (skills)	4	CHEM 1500/10	4
FYS	3	INST 1500	3
LFW	1	Elective	<u>3</u>
MATH 1250 Precalculus ^a	<u>3</u>		14
	15		

SOPHOMORE YEAR

Fall Semester		Spring Semester	
BIO 2010 Genetics	4	BIO 2020 Ecology	4
INST 2XXX ^b	3	BIO 2030 Cell Biology	4
Elective	3	BIO 2998 ^c	1
Elective	3	INST 2XXX ^b	3
Elective	<u>3</u>	Elective	<u>3</u>
	16		15

JUNIOR YEAR

Fall Semester		Spring Semester	
BIO 3998 Seminar ^c	.5	BIO 3998 Seminar ^c	.5
BIO Major Elective ^d	3-4	BIO Major Elective ^d	3-4
BIO Major Elective ^d or BIO 4950 Research (optional) ^d	3-4	INST 2XXX ^b	3
INST 2XXX ^b	3	Elective	3
Elective	<u>3</u>	Elective	<u>3</u>
	13-15		13-14

SENIOR YEAR

Fall Semester		Spring Semester	
BIO Major Elective ^d or BIO 4950 Research (optional)	3-4	BIO 4998 Senior Seminar (optional) ^e	1
INST 2XXX ^b	3	BIO Major Elective ^d	3-4
Elective	3	INST 3XXX	3
Elective	3	SYE	2-3
Elective	3	Elective	3
Elective	<u>3</u>	Elective	<u>3</u>
	15-16 ^f		15-17 ^f

^a A grade of C- or better in ASC 0900 is required to get into MATH 1250, students may take a higher-level math depending on placement.

^b The INST 2000 level courses may be taken in any order.

^c BIO 2998 is required. Two semesters of BIO 3998 are required, but more can be taken.

^d Eleven upper level hours (3000 level and above) are required. One must be a Writing Intensive upper level. BMB 4500 can count toward Biology elective hours.

^e Two to three research credits (BIO 4950, HNRS 4500 or BIO 3900 IND STD: Distinction) taken in conjunction with BIO 4998 can count toward upper level elective hours. Those hours will be considered Writing Intensive and can be taken at any time.

^f A total of 120 hours are required for graduation (an average of 15 per semester).

4/10/20