

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

Suggested Program of Study

FRESHMAN YEAR

Fall Semester		Spring Semester	
ESCI 1001 (INST 2410) Intro Env. Science	4	BIO 1020 Intro Organisms/Ecology (skills)	4
FYS	3	ESCI 1010 or 1020 (skills)	4
LFW	1	INST 1500	3
MATH 1250 ^a	3	Open	3
Open	<u>3</u>	Open	<u>3</u>
	14		17

SOPHOMORE YEAR

Fall Semester		Spring Semester	
BIO 2998 or 2999 Seminar ^c	1	BIO 2020 Ecology	4
CHEM 1400/10 (skills)	4	CHEM 1500/10	4
INST 2XXX ^b	3	ESCI 1020 or 1010 (skills)	4
Open	3	INST 2XXX ^b	<u>3</u>
SUST 2010 GIS	<u>4</u>		15
	15		

JUNIOR YEAR

Fall Semester		Spring Semester	
BIO/ESCI Elective ^d	3-4	BIO/ESCI Elective ^d	3-4
INST 2XXX ^b	3	INST 2XXX ^b	3
Open	3	Open	3
Open	3	Open	3
Open	<u>3</u>	Open	<u>3</u>
	15-16		15-16

SENIOR YEAR

Fall Semester		Spring Semester	
BIO/ESCI Elective ^d	3-4	BIO/ESCI Elective ^d	3-4
Or ESCI 4950 Research ^e (optional)		BIO 4998 Seminar or Open	1 or 3
INST 2XXX ^b	3	INST 3XXX	3
Open	3	SYE	2-3
Open	3	Open	<u>3</u>
Open	<u>3</u>		12-16 ^f
	15-16 ^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 and 2999 are open to sophomores, juniors or seniors. They may be taken in any order in any semester. Only one is required.

^d The following elective courses will count toward this major: BIO 3020, BIO 3200, BIO 3320, BIO 3340, BIO 3360, ESCI 2000, ESCI 3000, ESCI 3100, ESCI 3200. Eleven total hours are required and at least 8 hours must be ESCI.

^e Two to three research credits (ESCI 4950, HNRS 4500 or ESCI 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).