

BIOLOGY MAJOR: Environmental Biology/Field Biology
Tentative 4-Year B.S. Degree Plan
Beginning Odd Year

Year 1							
†Freshman-Fall Semester				†Freshman-Spring Semester			
Course	Description	HRS	√	Course	Description	HRS	√
UNI 1111	University Seminar	1		UNI 1121	Critical Thinking	1	
BIO 1111	Biology Colloquium	1		BIO 2134	General Zoology	4	
BIO 1004	Principles of Biology	4		ENG 2213	English Composition II	3	
*ENG 1113	English Composition I	3		CIS 1103	Introduction to Computing	3	
*MAT 1143	College Algebra	3		BIB 1023	New Testament History	3	
BIB 1013	Old Testament History	3			TOTAL	14	
	TOTAL	15					

Year 2							
Sophomore-Fall Semester				Sophomore-Spring Semester			
Course	Description	HRS	√	Course	Description	HRS	√
CHE 1115	General Chemistry I	5		CHE 1125	General Chemistry II	5	
BIO 3314	Microbiology	4		FAR 1__3	Fine Arts Elective	3	
COM 1103	Fundamentals of Speech Communication	3		HIS 22_3	History of U.S. 1492-1877 or 1877-Present	3	
SPF 2012	Introduction to Spiritual Formation	2		HPE 1162	Foundations of Physical Fitness/Wellness	2	
PSY 1013	General Psychology	3			Elective	3-4	
	TOTAL	17			TOTAL	16-17	

*Placement in this course depends upon ACT scores

†Students with a strong science background meeting prerequisites may take General Chemistry I and General Chemistry II their freshman year

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Year 3								
Junior-Fall Semester				Junior-Spring Semester				
Course	Description	HRS	√		Course	Description	HRS	√
BIO 2214	Environmental Biology	4			BIO 3334	Ecology	4	
BIO 2234	General Botany	4			BIO 3354	Plant Taxonomy	4	
BIO 3012	Methods in Scientific Research	2			**CHE 3314	Organic Chemistry II	4	
**CHE 3304	Organic Chemistry I	4			CHE 3002	Environmental Chemistry	2	
POL 1113	American Government and Politics	3				Cultural Studies Elective	2-3	
	TOTAL	17				TOTAL	16-17	

Year 4								
Senior-Fall Semester				Senior-Spring Semester				
Course	Description	HRS	√		Course	Description	HRS	√
BIO 3324	Genetics	4			BIO 4224	Cell and Molecular Biology	4	
BIO 4471	Biology Seminar	1			BIO 3544	Wildlife Biology	4	
SCF 3402	Biology Through the Eyes of Faith	2			BIO 4414	Freshwater Biology	4	
ECO 2003	L.I.F.E. Economics	3				Elective	3	
	Elective	3				Elective	2-3	
	Elective	3				TOTAL	17-18	
	TOTAL	16						
						♦Required Testing: MFT		

**Can substitute Physics I and Physics II or Computer Science I and Computer Science II
♦The Major Field Test (MFT), required of all biology majors, is taken during this semester.