Environmental Sciences- Biodiversity

General Education Requirements

Fundamental Studies

Requirements: __credits	Course	Credits	Grade
Academic Writing AW	ENGL101		
Professional Writing PW			
Oral Comm. OC			
Math MA			
Analytic Reasoning AR	MATH130/140 or 220		

Distributive Studies

Requirements: __credits	Course	Credits	Grade
Natural Science Lab NL	BSCI106		
Natural Sciences NS	ENSP101		
History/Social Sciences HS	ENSP102		
History/Social Sciences HS			
Humanities HU			
Humanities HU			
Scholarship in Practice SP			
Scholarship in Practice SP (non major)			

I-Series

Normally double counted with Distributive Studies

Requirements: __credits	Course	Credits	Grade
I-Series IS			
I-Series IS			

Diversity

(overlap permitted with Distributive Studies and/or I-series)

Requirements: __credits	Course	Credits	Grade
Understanding Plural Soc. UP			
Understanding Plural Soc.UP or Cultural Competency CC	GEOG202		

Experiential Learning- optional

(overlap permitted withother requirements/courses)

Requirements: __credits	Course	Credits	Grade

Students must earn a minimum of 120 credits to complete a degree.

Requirements for Graduation:

- ☐ At least 30 credits must be earned at UMD
- ☐ 15 of the final 30 credits must be earned at the 300-400 level
- ☐ 12 upper level major credits must be earned at UMD

Major Requirements

C- or better is required in all major requirements and the cumulative average of these courses must be a 2.0

Requirements	*Credits*	*Grade*
Gateway Requirements at 45 credits		
ENGL101*	3	
MATH130 or 140 or 220	3 or 4	
MATH131 or 141 or 221	3 or 4	
BSCI105 or 106	4	
ENSP101 & ENSP102	6	
CHEM131	3	
CHEM132	1	
Benchmark Requirements		
BSCI105 & 106	3	
BSCI222	4	
CHEM231	3	
CHEM232	1	
CHEM241	3	
CHEM242	1	

Major Requirements

see http://chembio.umd.edu/undergradmajors

Major Supporting Sequence

* Excluded from the 2.0 average calculation

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Environmental Science-Biodiversity Four Year Academic Plan

Year 1	Fall			Spring		
		Credit	Grade		Credit	Grade
Gateway Requirements must be completed by 45 credits. C- or better.	ENSP 101 (NS)					
	MATH113 or 115	3	____	MATH130/140 or 220 (AR)	3 - 4	____
Major Requirements	BSCI106 (NL)	4	____	BSCI105	4	____
ENGL 101	GEOG201	3	____	CHEM131	3	____
MATH130/131	GEOG211	1	____	CHEM132	1	____
BSCI105 or 106	UNIV100	1	____	ENGL101 (AW)	3	____
CHEM131/132				ENSP102 (HS)	3	____
ENSP101 and 102	Total	15	____	Total	17 - 18	____
Year 2						
Benchmark 2 Requirements.	MATH131/141 or 221	3- 4	____	BSCI222	4	____
C- or better.	CHEM231	3	____	CHEM241	3	____
Major Requirements	CHEM232	1	____	CHEM242	1	____
BSCI105 and 106	BSCI207	3	____	GEOG202 (CC)	3	____
CHEM241/242	Humanities (HU)*	3	____	Schol. in Practice* (SP) -non major	3	____
CHEM271/272				Elective	3	____
	Total	13 - 14	____	Total	17	____
Year 3						
	Rest. Elective 1	3	____	Elective or PHYS131**	3 - 4	____
	Rest. Elective 2	3	____	BIOM301	4	____
	AREC240 or ECON200 (HS)	4	____	BSCI361	4	____
	Elective	3	____	BSCI363	3	____
	Elective or BSCI330**	3 - 4	____	Humanities (HU)*	3	____
	Total	16 -17	____	Total	17 - 18	____
Year 4						
	Rest. Elective 3	3	____	Rest. Elective 4	3	____
	BSCI370	3	____	Rest. Elective 5	4	____
	Research or Internship (SP)	3	____	ENSP400	3	____
	ENGL39X (PW)	3	____	Oral Comm. (OC)	3	____
	Elective or PHYS132**	3	____	Elective	3	____
	Total	15	____	Total	16	____

** ENSP/Biodiversity students interested in graduate school in the biological sciences are encouraged to complete:

Physics I and II (e.g. PHYS 131 and 132), and Cell Biology/Physiology (BSCI 330).

++ Research experience or an internship (ENSP 386) is recommended but not required in this concentration. Discuss research/internship experience with your advisor early in your academic career.

*All students must complete two Distributive Studies courses that are approved I-Series courses. Students must also complete Understanding Plural Society and Cultural Competence courses that may also fulfill a Distributive Studies category.