

Environmental Science & Applied Mathematics Double Major

Requirements and Possible Sequence

	Fall			Spring		
First Year	Course	Credits	Title	Course	Credits	Title
	*ENV 100	1.5	GLC: Intro to Environmental Issues	*ENV 101	1.5	GLC: Intro to Environmental Issues
	*LIT 121	1.5	GLC: Lit, Nature & the Environment	*LIT 122	1.5	GLC: Lit, Nature & the Environment
	*BUEC 104	1.5	GLC: Economics in Context	*BUEC 105	1.5	GLC: Economics in Context
	*BIO 105/L	4	Biology I: Ecology/Evolution with Lab	BIO 106/L	4	Biology II: Cellular/Molecular with Lab
	*ENG 110	4	English Composition	*MAT 150	3	Statistics for Life Sciences
	MAT 190	4	Calculus I	MAT 195	4	Calculus II
	Total Credits	16.5		Total Credits	15.5	
Second Year						
	ENV 220	3	Conservation & Preservation	ENV 250	3	Environmental Policy
	ENV 220L	2	Conservation & Preservation Lab	ENV 240	2	Environmental Sustainability Lab
	*ENV 200	3	Society, Population and Environment	*SGA	3	Core Social Global Awareness Course
	*HT	3	Core Human Traditions	MAT 220	3	Linear Algebra
	MAT 212	3	Applied Discrete Mathematics	MAT 225	3	Computer Programming with MATLAB
	CHE 110/L	4	General Chemistry I with Lab	CHE 111/L	4	General Chemistry II with Lab
	Total Credits	18		Total Credits	18	
Third Year						
	BIO 350/L	4	General Ecology	EST	3-4	Environmental Studies Distribution
	MAT 200	4	Calculus III	ESI	3-4	Environmental Science Elective
	MAT 321	3	Applied Statistics I	ESI	3-4	Environmental Science Elective
	MAT 315	3	Applied Mathematics w/ Diff Equations	MAT 323	3	Applied Statistics II
	ESI	3-4	Environmental Science Elective	*HT	3	Core Human Traditions
	Total Credits	17-18		Total Credits	15-18	
Fourth Year						
	ENV 295/495	3+	Environmental Studies Internship	ENV 499	3	Environmental Studies Senior Capstone
	*CIT 400 or 420	1	Core Citizenship Course	EST	3-4	Environmental Studies Distribution
	*ADV	3	Core Advanced Studies Course	*ART	3	Core Fine Arts Course
	ESI	3-4	Environmental Science Elective	*ADV	3	Core Advanced Studies Course
	MAT 400	3	Real Analysis	MAT 480	3	Math Research Seminar
	Total Credits	16-17+		Total Credits	15-16	

* Fulfills Core Curriculum Requirement

131+ credits total

See Requirements Sheet for Environmental Studies and Environmental Science elective course lists