

Biological Sciences Department

Environmental Biology Major – Environmental Microbiology and Biotechnology Option

Curriculum Year: 2010-2011

Your department has developed this road plan, taking into account prerequisites and schedule restrictions.

You should pay attention to these concerns when deviating from this plan.

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment
	BIO 121/121L GE Area B2, B3 & support	5	BIO 122/122L Major Core	5	BIO 123/123L Major Core	5	SCI 101/101A and SCI 102/102A together fulfill GE Area E.
	CHM 121/121L GE Area B1, B3 & support	4	CHM 122/122L Major Support	4	CHM 123/123L Major Support	4	
	ENG 104 GE Area A1	4	ENG 105 GE Area A3	4	MAT 120 GE Area B1	4	
	SCI 101/101A	2	SCI 102/102A	2			
	Total Units	13-15	Total Units	13-15	Total Units	13	
	Total Units for Year					39-43	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	BOT 201/201L Major Core	5	ZOO 201/201L Major Core	5	BIO 211/211L Major Core	4	<i>Recommended to take STA 120 before taking BIO 211/211L</i>
	PLS 201 GE Area D1a	4	CHM 314/317L Major Support	4	CHM 315/318 Major Support	4	
	MIC 201/201L Major Support	4	PHY 121/121L Major Support	4	PHY 122/122L Major Support	4	
	GE Area E (unless SCI 101/A and SCI 102/A taken in year 1)	4	HST 202 GE Area D1b	4	GE Area A2 Any approved course in this area	4	
	Total Units	13-17	Total Units	17	Total Units	16	
	Total Units for Year						46-50

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	Upper Div. Elective Major Core	4-5	BIO 303 Major Core	4	BIO 325/325L Major Core	4	A list of approved courses in each of the three Upper Division Course Clusters is available online or from the department office.
	PLT 231/231L Major Support	4	Upper Div. Elective Major Core	4-5	BIO 413 Major Core	4	
	CHM 316 Major Support	3	CHM 327/327L Major Support	4	CHM 328/328L Major Support	4	Upper division electives courses must include 29 units with at least 18 units from one cluster and 11 additional units taken from one or both of the other clusters. At least 15 units of upper division electives must be taken at the 400 or 500 level.
	GE Any approved course in area C1-3, D3	4	GE Any approved course in area C1-3, D3	4	GE Any approved course in area C1-3, D3, or E	4	
	Take the Graduation Writing Test						
	Total Units	15-16	Total Units	16-17	Total Units	16	One course must be completed in each of the GE Areas C1-3, D3, and E.
	Total Units for Year					47-49	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	BIO 441 BIO 461 Select one course from above Major Core	2	Upper Div. Elective Major Core	3-5	Upper Div. Elective Major Core	4-5	All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.
	Upper Div. Elective Major Core	4-5	Upper Div. Elective Major Core	4-5	Upper Div. Elective Major Core	4-5	
	EC 201 EC 202 Select one course from above GE Area D2 & support	4	RS 302 GE synthesis Area D4 & support	4	BIO 304 GE synthesis Area B5	4	
	GE Any approved course in area C1-3, D3	4	GE Synthesis Area C4	4			
			Request a graduation check		File an application to graduate		
	Total Units	14-15	Total Units	15-18	Total Units	12-14	
	Total Units for Year						41-47

Total Units on Plan	180	
Major Core Units	67	
Major Support Units	45	
General Education Units	68	
Unrestricted Elective Units	0	