

The University of Texas at Arlington
Five Year Dual Program
B.S. in Biology and Master of Science in Environmental and Earth Sciences
2009

Student must have 3.0 cumulative GPA and an acceptable score on the GRE to be accepted into the M.S. program. Both degrees will be awarded upon completion of entire program.

NAME: _____ STUDENT ID: _____

ADDRESS: _____ PHONE: _____

PREPARED BY: _____ APPROVED BY: _____
Advisor Date Department Chairman Date

APPROVED BY: _____ CERTIFIED: _____
Academic Dean Date Registrar Date

	Hours Earned	Hours Needed		Hours Earned	Hours Needed
English (9 Hours)			Chemistry (16 Hours)		
1301 - Composition I		3	1441 - Gen Chem I w/lab		4
1302 - Composition II		3	1442 - Gen Chem II w/lab		4
3 hrs. Literature		3	2321 - Org Chem I Lecture		3
Total		9	2181 - Org Chem I Lab		1
			2322 - Org Chem II Lecture		3
Liberal Art/Speech Requirement (3 Hours)			2182 - Org Chem II Lab		
COMS 3302 or BIOL 3305		3	Total Chemistry		16
Total		3			
Political Science (6 Hours)			Physics (8 Hours)		
2311 - U.S. Govt.		3	1441 - Gen Coll. Physics I		4
2312 - State & Local		3	1442 - Gen. Coll. Physics II		4
Total		6	Total Physics		8
History (6 Hours)			MAJOR: BIOLOGY (38 Hours)		
1311 - U.S. History I		3	1441 - Cell & Molecular		4
1312 - U.S. History II		3	1442 - Structure & Function		4
Total		6	2343 - Evolution, Ecology, Biod		3
			2300 - Biostatistics		3
Mathematics (11 Hours)			3315 - Genetics		
MATH 1323		3	Must Complete Two Lab Classes Below:		8
MATH 1426, 2425		8	3427 - Plant Science w/lab		
Total		11	3444 General Microbiology & lab		
			3454 General Zoology & lab		
ELECTIVES (21 Hrs.)					
Fine Arts			Required: Env Sci Bio Aspects 3356		
		3			3
Social Science					
		3			
Natural Science Other than Biology:			10 Hrs from Below (1 Lab Req)		
		9	3149, 3249 - Co-op		10
From: GEOL 1425, 3304, 4320			3328 - Environmental Micro		
GEOL 4330, 4333 or CHEM 2335, 2285			3341 - Entomology		
Non-Science Electives			3339 - Evolution		
		6			
From: ECON 2306, 4302,			3318 & 3170 - Limnology & Lab		
GEOG 3355, POLS 3303, 3305, 3307			3325 - Plant Ecology		
POLS 3302, 4304, 4351, CIRP 4391			3457 - General Ecology		
Total Undergrad Electives		21	4338 - Community Ecology		
GRADUATE COURSES (38 Hrs.)					
CE 5321, CE 5319, EVSE 5310		9	4444 - Vertebrate Nat. History		
EVSE 5311, CIRP 5341 or 5350		6	Or: 3310 Landscape Ecology		
EVSE Seminar - 2 hrs of EVSE 6100		2	Wetlands Ecology, etc.,*		
Biology Electives: 9 hrs at 5000 level >		9	* 3310- Special Topics		
Other Graduate Electives- 6 hrs outside BIOL		12	Total Biology Hours:		38
(12 hrs in BIOL, CHEM, CE, CIRP, GEOL)			Transfer Credits:		
Total Graduate Hours		38	Community College Hrs. - 72 Hrs. Max.		
Dr. James Grover, Graduate Advisor					
CSE Requirement (BIOL 1450 or equivalent)					
Total		4			
			GRAND TOTAL:		160
TOTAL HOURS NEEDED: 160					

Advisors: Jane Pugh - Room 345-C Life Science
 Linette Tucker - 345-A LS

Camesha Flowers - Room 345-B LS
 Alex Ferracuti - Room 346 LS