

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

NAME: _____ STUDENT ID: _____

ADDRESS: _____ PHONE: _____
 CATALOG: 76th 2005-2007

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		1
SPCH 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
Mathematics (11 Hours)			2300 - Biostatistics		3
MATH 1323		3	3315 - Genetics		3
MATH 1426, 2425		8	Must Complete Two Lab Classes Below:		8
Total		11	3327 Plant Science, 3183 Pnt Lab		
			3444 General Microbiology & lab		
ELECTIVES (21 Hrs.)			3454 General Zoology & lab		
Fine Arts		3	Required: Env Sci Bio Aspects 3310		3
Social Science		3			
Natural Science Other than Biology:		9	10 Hrs from Below (1 Lab Req)		10
From: GEOL 1425, 3304,4320			3149, 3249 - Co-op		
GEOL 4330, 4333 or CHEM 2335, 2285			3328 - Environmental Micro		
Non-Science Electives		6	3341 - Entomology		
From: ECON 2306, 4302,			3339 - Evolution		
GEOG 3355, POLS 3303,3305,3307			3347 - Environmental Biology		
POLS 3302,4304,4351, CIRP 4391			3318 & 3170 - Limnology & Lab		
Total Undergrad Electives		21	3348 - Plant Systematics		
GRADUATE COURSES (38 Hrs.)			3457 - General Ecology		
CE 5321, CE 5319, EVSE 5310		9	4338 - Community Ecology		
EVSE 5311, CIRP 5341 or 5350		6	4444 - Vertebrate Nat. History		
EVSE Seminar - 2 hrs of EVSE 6100		2	Or: 3310 Plant Ecology, Landscape Ecology		
Biology Electives: 9 hrs at 5000 level >		9	Wetlands Ecology, etc.,*		
Other Graduate Electives- 6 hrs outside BIOL (12 hrs in BIOL, CHEM, CE, CIRP, GEOL)		12	* 3310- Special Topics		
Total Graduate Hours		38	Total Biology Hours:		38
			Transfer Credits:		
CSE Requirement (BIOL 1450 or equivalent)			Community College Hrs. - 72 Hrs. Max.		
Total		4			
			GRAND TOTAL:		160
TOTAL HOURS NEEDED: 160					

Advisors: Jane Pugh - Room 346 LS
 Camesha Flowers - Room 347 LS