

The University of Texas at Arlington
Bachelor of Science in Biology
Option 2 - Genomics

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)				Minor in Chemistry (22 hrs)			
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 & 2181 Org Chem I w/lab			4
Total			9	2322 & 2182 - Org Chem II w/lab			4
				4311 - Biochem I			3
Liberal Art/Speech Requirement				4312 - Biochem II			3
BIOL 3305 or COMS 3302	Total		3	Total Chemistry			22
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 (42 Hours)			
1311 - U.S. History I			3	1441 - Cell & Molecular			4
1312 - U.S. History II			3	1442 - Structure & Function			4
Total			6	2343 - Evol, Ecology, Biodiv.			3
				2300 - Biostatistics			3
Mathematics (7 Hours)				3315 - Genetics			3
1323 - PreCalc			3	3444 - General Microbiology			4
1426 - Calculus I			4	21 Hours Chosen from			
Total			7	Below: *			21
				3149, 3249 - Co-op/Internship			
ELECTIVES (13 Hours)				4189, 4289 - Research			
3 hrs. Fine Arts; 3 hrs. Social Science; Plus 7 additional hours.				3301 /3333 Cell Phys/Bio			
				3312 - Immunology			
Fine Art			3	3317 - Essentials of Genomics			
Social Science			3	3319 - Human Genetics			
Any Level Electives			7	3330 - Developmental Biology			
				3339 - Evolution			
				4302 - Microbial Genetics			
				4312 - Virology			
				4315 - Endocrinology			
				4330 - Evolution of Developmt			
				4340 - Plant Physiology			
				CHEM 4242 and/or 4314			
				*May use any Genomics Special Topics Course			
Total			13	*Students Must Have 3 Advanced Level Labs			
				Total Biology Hours:			42
				Transfer Credits:			
				Community College Credit Hrs. - 72 Hrs. Max.			
CSE Requirement (BIOL 1450 or Equivalent)				Advanced Hour Total - 36 Hrs. Minimum			
Total			4	Advanced = 3000/4000 level coursework.			
				GRAND TOTAL:			120
TOTAL HOURS NEEDED: 120 (of which 36 must be 3000/4000 level)							

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

Linette Tucker - Room 345 LS