

The University of Texas at Arlington
Bachelor of Science in Biology
Option 2 - Genomics
2009

Students must maintain a 2.25 overall GPA and a 2.25 Biology GPA.
Students must apply for graduation at www.uta.edu/biology prior to their final semester.

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)			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
Liberal Art/Speech Requirement			4311 - Biochem I		3
BIOL 3305 or COMS 3302		3	4312 - Biochem II		3
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
Mathematics (7 Hours)			2300 - Biostatistics		3
1323 - PreCalc		3	3315 - Genetics		3
1426 - Calculus I		4	3444 - General Microbiology		4
Total		7	21 Hours Chosen from:		21
ELECTIVES (13 Hours)			3301 Cell Physiology		
3 hrs. Fine Arts; 3 hrs. Social Science; Plus 7 additional hours.			3312 - Immunology		
Fine Art			3317 - Essentials of Genomics		
Social Science			3319 - Human Genetics		
Any Level Electives			3330 - Developmental Biology		
		3	3339 - Evolution		
		3	3420 - Genetics Methods Lab		
		7	4307 - Molecular Evolution		
			4308 - Dynamics of Genomics		
			4312 - Virology		
			4315 - Endocrinology		
			4330 - Evolution of Development		
			4331 - Advanced Molecular Bio		
			4340 - Plant Physiology		
			4189,4289 Research		
			CHEM 4242 and/or 4314		
			*May use any Genomics Special Topics Course		
Total		13	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 345-C Life Science
 Linette Tucker - Room 345-A LS

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