

Need 51 Upper Level Hours to Graduate

Pre- Health: YES NO

2010-2012 BIOCHEMISTRY DEGREE PLAN

Bachelor of Science - 129 Hours

Faculty Advisor: Dr. Michael Biewer

Contact Info: biewerm@utdallas.edu, BE 3.326

STUDENT NAME:					
STUDENT ID:					
Course Title	Course #	HR	UTD	Grade	Transfer
Core Curriculum (45 Lower Level Hours)					
Freshman Seminar	UNIV 1010	0			
Rhetoric (Composition II)	RHET 1302	3			
US & Texas History		3			
US & Texas History		3			
US/TX Government	GOVT 2301	3			
US/TX Government	GOVT 2302	3			
Visual & Performing Arts		3			
Humanities		3			
Social & Behavioral Sciences		3			
Calculus I	MATH 2413 or 2417	4			
Calculus II	MATH 2414 or 2419	4			
General Chemistry I	CHEM 1311	3			
General Chemistry Lab I	CHEM 1111	1			
General Chemistry II	CHEM 1312	3			
General Chemistry Lab II	CHEM 1112	1			
Quantitative Methods in Chemistry	CHEM 2401	4			
Major Preparatory Courses (24 Lower Level Hours)					
Organic Chemistry I Lecture	CHEM 2323	3			
Organic Chemistry Lab I	CHEM 2123	1			
Organic Chemistry II Lecture	CHEM 2325	3			
Organic Chemistry Lab II	CHEM 2125	1			
Multivariable Calculus	MATH 2415 or 2451	4			
Mechanics	PHYS 2325, 3341 or 2421	3			
Physics Lab 1	PHYS 2125 or 1101	1			
Electromagnetism and Waves	PHYS 2326, 3342 or 2422	3			
Physics Lab II	PHYS 2126 or 1102	1			
Intro to Modern Biology I	BIOL 2311	3			
Intro to Modern Biology I Workshop	BIOL 2111	1			

PREPARED BY:					
DATE:					
Course Title	Course #	HR	UTD	Grade	Transfer
Biochemistry Core (29 Upper Level Hours)					
Physical Chemistry I	CHEM 3321	3			
Physical Chemistry II	CHEM 3322	3			
Instrumental Analysis	CHEM 3472	4			
Biochemistry	BIOL/CHEM 3361	3			
Biochemistry Workshop	BIOL 3161	1			
Biochemistry II	BIOL/CHEM 3362	3			
Biochemistry II Workshop	BIOL 3162	1			
Genetics	BIOL 3301	3			
Genetics Workshop	BIOL 3101	1			
Molecular & Cell Biology	BIOL 3302	3			
Molecular & Cell Biol. Workshop	BIOL 3102	1			
Biochemistry Lab	BIOL 3380	3			
Upper Level Chemistry or Biology Electives (6 hours)					
		3			
		3			
6 Hours of Research in Biochemistry- Register with Faculty Advisor					
Faculty:	CHEM4v91,3v92 or BIOL3V93	3			
Faculty:	CHEM 4390 or BIOL 4391*	3			
6 Hours Advanced Electives (Upper Level & Outside of Major)					
		3			
		3			
13-14 Hrs Free Electives (Can be used to satisfy 51 UL requirements if needed)**					

*CHEM 4399 or BIOL 4399 for Major Honors

** Courses recommended for Pre-Health Students: STAT 3332, BIOL 2312/2112, BIOL 2281