

Need 51 Upper Division Hours to Graduate

Pre- Health: YES NO

**2008-2010 Biochemistry Degree Plan
Bachelor of Science - 129 Hours**

Faculty Advisor: _____

Contact Info: _____

STUDENT NAME:					
STUDENT ID:					
Course Title	Course #	HR	UTD	Grade	Transfer
Core Curriculum (45 Lower Division Hours)					
Freshman Seminar	RHET 1101	1			
Rhetoric (Composition II)	RHET 1302	3			
Advanced Writing*	See Research Hours Below	3			
US & Texas History	*HIST 1301	3			
US & Texas History	*HIST 1302	3			
US/TX Government	GOVT 2301	3			
US/TX Government	GOVT 2302	3			
Visual & Performing Arts	*ARTS 1301	3			
Humanities	*HUMA 1301	3			
Social & Behavioral Sciences		3			
Calculus I	MATH 2417 or 2413	4			
Calculus II	MATH 2419 or 2414	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 (28 Lower Division Hours)					
Organic Chemistry I Lecture	CHEM 2323	3			
Organic Chemistry Lab I & Recitation	CHEM 2123/CHEM 2023	1			
Organic Chemistry II Lecture	CHEM 2325	3			
Organic Chemistry Lab II & Recitation	CHEM 2125/CHEM 2025	1			
Multivariable Calculus	MATH 2451 or 2415	4			
Mech & Heat of Physics Bioscience	PHYS 2325, 3341 or 2421	3			
Physics Lab 1	PHYS 2125	1			
Electromag & Waves or Bioscience II	PHYS 2326, 3342 or 2422	3			
Physics Lab II	PHYS 2126	1			
Intro to Modern Biology I	BIOL 2311	3			
Intro to Modern Biology I Workshop	BIOL 2111	1			

* Additional Options Available- See Advisor

** Recommended for Pre-Health Students

PREPARED BY:					
DATE:					
Course Title	Course #	HR	UTD	Grade	Transfer
Biochemistry Core (29 Upper Division 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 Division Chemistry or Biology Electives (6 hours)					
		3			
		3			
6 Hours of Research in Biochemistry- Register with Faculty Advisor					
Faculty:	CHEM4v91,3v91,3v92 BIOL4v91	3			
Faculty:	CHEM 4390 or 4399- Adv. Writing	3			
6 Hours Advanced Electives (Upper Division & Outside of Major)					
		3			
		3			
12 Hrs Free Electives (Can be used to satisfy 51 UD requirements if needed)					
Statistics for Life Sciences**	STAT 3332	3			
Introduction to Biology II**	BIOL 2312/2112	4			
Introductory Biology Lab**	BIOL 2281	2			