

**2006-2008 UTD DEGREE PLAN - BIOLOGY MAJOR with Minor in Biomolecular Structure**

rev.4/07/06

NAME: \_\_\_\_\_

FACULTY ADVISOR: \_\_\_\_\_

PRE-HEALTH: YES NO

SS or ID #: \_\_\_\_\_

PHONE: \_\_\_\_\_

AREA: \_\_\_\_\_

PHONE: \_\_\_\_\_

MATRICULATION DATE: \_\_\_\_\_

DOUBLE MAJOR: \_\_\_\_\_

DEGREE SOUGHT: BS BA

TASP COMPLETED: \_\_\_\_\_

TEACHER CERT.: 2nd FIELD \_\_\_\_\_

I. CORE CURRICULUM 27 Hrs (24 LL ,lower level; 3 UL ,upper level)					III. BIOLOGY CORE BS 32 Hrs (10 LL/22 UL); BA 29 Hrs (10 LL/19UL)				
Rhetoric (Composition II)	RHET 1302	3			Intro to Modern Biology I & wkshp	BIOL 2311,2111	4		
Advanced Writing (Communication Elective) <sup>1</sup>	BIOL	3			Intro to Modern Biology II & wkshp	BIOL 2312, 2112	4		
US & Texas History <sup>2</sup>		3			Intro Biology Lab	BIOL 2281	2		
US & Texas History <sup>2</sup>		3			Classical & Molec Genetics & wkshp	BIOL 3301, 3101	4		
Constitutional Fd & Pol Behav US & TX	GOVT 2301	3			Molecular & Cell Biology & wkshp	BIOL 3302, 3102	4		
Political Institutions in US & TX	GOVT 2302	3			Biochemistry I & wkshp	BIOL 3361, 3161	4		
Visual & Performing Arts <sup>2</sup>		3			Biochemistry II & wkshp	BIOL 3362, 3162	4		
Humanities <sup>2</sup>		3			Biochemistry Lab	BIOL 3380	3		
Social & Behavioral Sciences <sup>2</sup>		3			Cell Biology Lab (BS only)	BIOL 4380	3		
II. MATH & SCIENCE BS 32Hrs (26 LL, 6 UL); BA 30-32 Hrs <sup>3</sup> (27-29 LL, 3UL)					IV. BIOLOGY ELECTIVES BS 12 Hrs (All UL); BA 9 Hrs (All UL)				
Calculus I <sup>3</sup>	MATH 2417	4				BIOL	3		
Calculus II <sup>3</sup>	MATH 2419	4				BIOL	3		
General Chemistry I	CHEM 1311	3				BIOL	3		
General Chemistry Lab I	CHEM 1111	1				(BS only) BIOL	3		
General Chemistry II	CHEM 1312	3			V. BIOMOLECULAR STRUCTURE MINOR 12 Hrs <sup>6</sup> (All UL)				
General Chemistry Lab II	CHEM 1112	1			Protein and Nucleic Acid Structure	BIOL 3336	3		
Intro Organic Chemistry I <sup>4</sup>	CHEM 2323	3			Biophysical Chemistry	BIOL 4461	4		
Intro Organic Chemistry Lab I	CHEM 2123	1			Biomolecular Modeling	BIOL 4261	2		
Intro Organic Chemistry II <sup>4</sup>	CHEM 2325	3			BIOL, CHEM, CS, EE, MATH, or PHYS approved UL elect		3		
Intro Organic Chemistry Lab II	CHEM 2125	1			VI. FREE ELECTIVES BS 9 Hrs (LL or UL); BA 15-17 Hrs (At least 5 UL) <sup>7</sup>				
Physics for BioSciences I <sup>5</sup> (Mech. & Heat)	PHYS 3341	3			Oral Communications <sup>8</sup>	RHET 1101	1		
Physics Lab I <sup>5</sup>	PHYS 2125	1					3		
Physics for BioSciences II <sup>5</sup> (Electro. & Waves)	PHYS 3342	3					3		
Physics Lab II <sup>5</sup>	PHYS 2126	1					2		
						(BA only)	3		
						(BA only)	3		
						(BA only)	2		

<sup>1</sup> It is recommended that students take an UL advanced writing elective in the major (i.e., BIOL 4337 Seminal Papers in Bio, BIOL 4390 Sr. Research & Advanced Writing, or BIOL 4399 Sr. Honors Research & Thesis) to satisfy this requirement. See advisor for alternatives.

<sup>2</sup> See advisor for a list of approved core courses, which may be taken at the lower or upper level. UL is recommended for transfer students in order to meet the 51 UL credit hour graduation requirement.

<sup>3</sup> For the BA, the math requirement may be satisfied with 6 hrs of Applied Calculus I (MATH 1325) & Statistics for Life Sciences (STAT 3332).

<sup>4</sup> Satisfies the Advanced Elective requirement.

<sup>5</sup> For the BA, the physics requirement may be satisfied with algebra-based College Physics I & II with lab (PHYS 1301, 1302, 1101, 1102).

<sup>6</sup> Organic Chemistry I and II are included to satisfy the 18 hour **Minor requirement**

<sup>7</sup> These UL hours are to meet the 51 UL hour graduation requirement. May be taken at LL if compensatory UL hours are taken among core curriculum requirements.

<sup>8</sup> Required only for freshmen.

TRANSFERRED HOURS: LL \_\_\_\_\_ UL \_\_\_\_\_

UTD HOURS: LL \_\_\_\_\_ UL \_\_\_\_\_

MINIMUM SEMESTER HOURS: 12<sup>4\*</sup> (51 Hours Required at UL)

\*Transfer students w/8 hours in Biology I & II w/lab may graduate w/a minimum of 123 hours.

Degree Plan Approved: \_\_\_\_\_

Undergraduate Advisor Date

Final Degree Plan Approved: \_\_\_\_\_

(For Graduation) \_\_\_\_\_

College Master Date