

Bachelor of Arts - Biology Major (Four Year Plan)

YEAR 1

Semester 1		Semester 2	
Course Number	Credit Hours	Course Number	Credit Hours
ENG 1301 (Composition I)# P: One of the following: (1) TSI ESSAY score of 4 and WRITING score of 340, (2) TSI ESSAY score of 5 and ABE WRITING diagnostic level 4, (3) TSI WRITING complete, OR (4) TSI WRITING exempt	3	ENG 1302 (Composition II) P: A grade of C or better in ENG 1301 or placement by examination	3
*BIOL 1301/1101 (General Biology I w/ Lab) & P: Credit or enrollment in ENG 1301 (or 010 core complete) and MATH 1301	4	*BIOL 1302/1102 (General Biology II w/ Lab) & P: BIOL 1301 and BIOL 1101	4
*MATH 1505 (Pre-Calculus with Trigonometry) P: C or better in MATH 1301 or placement by exam taken at UHD	5	*CHEM 1307/1107 (General Chemistry I w/ Lab) P: Credit or enrollment in MATH 1301, ENG 1301 (or 010 core complete), and one year of HS chemistry OR CHEM 1305/1105	4
UHD 1303 (Freshman Seminar – Life and Physical Sciences) Transfer students see advisor for options	3	Approved Language, Philosophy, and Culture course (p. 60) P: Refer to catalog	3
Total Semester Hours	15	Total Semester Hours	14

YEAR 2

Semester 3		Semester 4	
Course Number	Credit Hours	Course Number	Credit Hours
*CHEM 1308/1108 (General Chemistry II w/ Lab) P: Grade of C or better in CHEM 1307/1107	4	*MBIO 2305/2105 (General Microbiology w/ Lab) P: BIOL 1302/1102 and CHEM 1308/1108	4
Approved Oral Communication course (p. 60) P: Refer to catalog	3	*BIOL 2303/2103 (General Genetics w/ Lab) P: BIOL 1302/1102 and CHEM 1308/1108	4
POLS 2306 (Texas Government) P: Enrollment in or completion of ENG 1301 or 010 core complete	3	Approved Social and Behavioral Sciences course (p. 60) P: Refer to catalog	3
Approved Creative Arts course (p. 60) P: Refer to catalog	3	Free Elective	3
Free Elective	3		
Total Semester Hours	16	Total Semester Hours	14

YEAR 3

Semester 5		Semester 6	
Course Number	Credit Hours	Course Number	Credit Hours
BIOL 3306 (Biological Evolution) P: BIOL 2303	3	Technical Writing Course [%] TCOM 3302, 3325, 3326, 3329, or 4306 P: Refer to catalog	3
Biology Upper Level Option (Diversity in Form/Function Area) See catalog for options	2-4	Biology Upper Level Option (Developmental/Cell Area) See catalog for options	3-4
Approved UL NS Elective Course (BIOL, CHEM or MBIO disciplines)	4	Approved UL Elective Course	3
Approved American History course (p. 60) P: Enrollment in or completion of ENG 1301 or 010 core complete	3	Approved American History course (p. 60) P: Enrollment in or completion of ENG 1301 or 010 core complete	3
Free Elective	3	Free Elective	3
Total Semester Hours	15	Total Semester Hours	15

YEAR 4

Semester 7		Semester 8	
Course Number	Credit Hours	Course Number	Credit Hours
Biology Upper Level Option (Ecology/Environmental Area)	3-4	Approved UL NS Elective Course (BIOL, CHEM or MBIO disciplines)	4
STAT 3311 (Statistical Analysis for Natural Science) P: C or better in MATH 1404 or MATH 1505	3	Approved UL Elective Course	3
BIOL 4311 (Biology Seminar) [%] P: Senior standing and majoring in an area of life science (can be substituted with MBIO 4311 or SUST 4301)	3	Approved UL Elective Course	3
Approved UL Elective Course	3	Approved UL Elective Course	3
Approved UL Elective Course	3	POLS 2305 (Federal Government) P: Enrollment in or completion of ENG 1301 or	3
Total Semester Hours	15	Total Semester Hours	16

Total Credit Hours Required 120

* Critical course required to stay on track within major and take subsequent courses

Students are expected to place into ENG 1301 and MATH 2401 via CLEP or Bypass exams – placement tests determine which english or math course students should start with and additional courses may be necessary

& Satisfies both common core and major requirement/prerequisite

% Satisfies both major requirement/prerequisite and integrated requirement course