

**UH-Downtown • Department of Natural Sciences  
Student Worksheet for Bachelor of Science in Biology**

(August 2009)

Name \_\_\_\_\_ Student ID # \_\_\_\_\_  
Phone \_\_\_\_\_ Email \_\_\_\_\_

Notice to all advisors: List only the courses and grades that are to be applied to this degree. List course grade to the left of the course number.  
Put a (T) to the left of transfer courses. Check boxes when requirements are completed.

**General Education Core (30 hrs)**

<input type="checkbox"/>	<input type="checkbox"/>	ENG 1301 - Composition I	<input type="checkbox"/>	<input type="checkbox"/>	POLS 2303 - US Govt I
<input type="checkbox"/>	<input type="checkbox"/>	ENG 1302 - Composition II	<input type="checkbox"/>	<input type="checkbox"/>	POLS 2304 - US Govt II
<input type="checkbox"/>	<input type="checkbox"/>	ENG 23XX - Sophomore Lit _____	<input type="checkbox"/>	<input type="checkbox"/>	HIST 1305, 1306, 2303, or 2309 - History
<input type="checkbox"/>	<input type="checkbox"/>	Fine Arts (ART, DRA, MUS) _____	<input type="checkbox"/>	<input type="checkbox"/>	HIST 1305, 1306, 2303, or 2309 - History
<input type="checkbox"/>	<input type="checkbox"/>	COMM 1304, 3304, or 3306 - Speech	<input type="checkbox"/>	<input type="checkbox"/>	Social/Behavioral Sciences* _____

**Technical Writing (3 hrs)**

ENG 3302, 3325, 3326, 3329, or 4306

\*see University Catalog for Core Curriculum options

**Basic Science and Math (43 hrs)**

<input type="checkbox"/>	<input type="checkbox"/>	MATH 2411 - Calc I for Life Sciences	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 1307/1107 - Gen Chem I
<input type="checkbox"/>	<input type="checkbox"/>	MATH 2412 - Calc II for Life Sciences	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 1308/1108 - Gen Chem II
<input type="checkbox"/>	<input type="checkbox"/>	STAT 3311 - Stat Analysis for NS	<input type="checkbox"/>	<input type="checkbox"/>	MBIO 2305/2105 - Gen Mbio
<input type="checkbox"/>	<input type="checkbox"/>	CS 1408 - VB or CS 1410 - C++	<input type="checkbox"/>	<input type="checkbox"/>	PHYS 1307/1107 - Gen Phys I
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1301/1101 - Gen Bio I	<input type="checkbox"/>	<input type="checkbox"/>	PHYS 1308/1108 - Gen Phys II
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1302/1102 - Gen Bio II			

**Upper-Level Courses (33 hrs) - Courses taken in this area must total 33 hours**

<input type="checkbox"/>	<input type="checkbox"/>	BIOL 3303/3103 - General Genetics	<input type="checkbox"/>	<input type="checkbox"/>	Select at least one: BIOL 4230, 4320, 4330, 4390*
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3301/3201 - Organic Chem I	<input type="checkbox"/>	<input type="checkbox"/>	Select at least one: BIOL 3310/3110, 3330/3130, 3340/3140, 4390*
		One of the following:	<input type="checkbox"/>	<input type="checkbox"/>	Select at least one: BIOL 3302/3102, 4260, 4301, 4340, 4350, 4360, 4390*
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3302/3202 - Organic Chem II or	<input type="checkbox"/>	<input type="checkbox"/>	Select at least two: BIOL 3304/3104, 3305/3105, 3320/3120, 4303, 4305,
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4340/4140 - Gen Biochem I	<input type="checkbox"/>	<input type="checkbox"/>	4310/4110, 4313/4113, 4390*

\*BIOL 4390 must be approved for the degree plan in writing by your Faculty Advisor

**Approved Electives (at least 11 hrs)**

Electives must be approved by your faculty advisor and/or program coordinator. Must include 8 hours of upper-level (UL) courses. Students are encouraged to use an appropriate research experience to satisfy six hours of this requirement.

<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	(UL)
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	(UL)
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	(UL)

**120 Hrs Required**

**ADDITIONAL REQUIREMENTS - May be satisfied by requirements above**

**Writing Proficiency Exam (WPE)** - All students must take and pass the WPE after completing 60 credit hours and before completing 75 hours. Transfer students with more than 75 hours must attempt the exam during their first semester at UHD.

**TSI Complete** - See university catalog for more information.

**ONE ETHICAL AND MORAL ISSUES COURSE** - See NS website for eligible courses

**ONE ADDITIONAL WRITING SKILLS COURSE** - See NS website for eligible courses

**ONE WORLD COMMUNITY COURSE** - See NS website for eligible courses

ENG 2301, 2302, 2313, or 2314 will satisfy both the Sophomore Lit and World Community requirements.

**ONE NONVERBAL ANALYTICAL SKILLS COURSE** - Satisfied by Degree Requirements