

UH-Downtown • Department of Natural Sciences
Student Worksheet for Bachelor of Science in Biological and Physical Sciences
with Emphasis in Teacher Certification

(August 2009)

Name _____
 Phone _____

Student ID # _____
 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"/>	ENG 1302 - Composition II
<input type="checkbox"/>	<input type="checkbox"/>	ENG 23XX - Sophomore Lit _____
<input type="checkbox"/>	<input type="checkbox"/>	Fine Arts (ART, DRA, MUS) _____
<input type="checkbox"/>	<input type="checkbox"/>	COMM 1301, 1303, 1304, or 1305 - Speech

<input type="checkbox"/>	<input type="checkbox"/>	POLS 2303 - US Govt I
<input type="checkbox"/>	<input type="checkbox"/>	POLS 2304 - US Govt II
<input type="checkbox"/>	<input type="checkbox"/>	HIST 1305, 1306, 2303, or 2309 - History
<input type="checkbox"/>	<input type="checkbox"/>	HIST 1305, 1306, 2303, or 2309 - History
<input type="checkbox"/>	<input type="checkbox"/>	Social/Behavioral Sciences* _____

*see University Catalog for Core Curriculum options

Lower-Level Science Requirements (36 hrs)

<input type="checkbox"/>	<input type="checkbox"/>	MATH 1404 - Precalculus
<input type="checkbox"/>	<input type="checkbox"/>	CS 1408 - VB or CS 1410 - C++
Select seven of the following science courses:		
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1301/1101 - Gen Bio I
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1302/1102 - Gen Bio II
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 1307/1107 - Gen Chem I

<input type="checkbox"/>	<input type="checkbox"/>	CHEM 1308/1108 - Gen Chem II
<input type="checkbox"/>	<input type="checkbox"/>	GEOL 1405 - Physical Geology
<input type="checkbox"/>	<input type="checkbox"/>	GEOL 1406 - Historical Geology
<input type="checkbox"/>	<input type="checkbox"/>	PHYS 1307/1107 - Gen Phys I
<input type="checkbox"/>	<input type="checkbox"/>	PHYS 1308/1108 - Gen Phys II

Upper-Level Requirements (44 hrs)

44 hours of department approved 3000/4000 level (UL) courses, of which at least 22 hours must be in the natural sciences with a minimum grade point average in natural sciences courses of 2.0 or better. At least 7-8 hours must be in 4000-level natural sciences lecture courses with at least one laboratory course. Field experience or thesis credit cannot be used to satisfy this requirement.

<input type="checkbox"/>	<input type="checkbox"/>	(4000 Science)	<input type="checkbox"/>	<input type="checkbox"/>	(UL Non-science)
<input type="checkbox"/>	<input type="checkbox"/>	(4000 Science)	<input type="checkbox"/>	<input type="checkbox"/>	(UL Non-science)
<input type="checkbox"/>	<input type="checkbox"/>	(UL Science)	<input type="checkbox"/>	<input type="checkbox"/>	(UL Non-science)
<input type="checkbox"/>	<input type="checkbox"/>	(UL Science)	<input type="checkbox"/>	<input type="checkbox"/>	(UL Non-science)
<input type="checkbox"/>	<input type="checkbox"/>	(UL Science)	<input type="checkbox"/>	<input type="checkbox"/>	(UL Non-science)
<input type="checkbox"/>	<input type="checkbox"/>	(UL Science)	<input type="checkbox"/>	<input type="checkbox"/>	(UL Non-science)
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	

NOTE: No more than 28 hrs of Natural Science courses may be in a single discipline, and no more than 18 hours of the required upper-level science may be in a single discipline. (In this department we have five disciplines: biology, chemistry, geology, microbiology, and physics.) BIOL/CHEM/MBIO 4390 must be approved in writing by your Faculty Advisor.

APPROVED ELECTIVES - Upper or Lower Level (at least 18hrs)

Electives must be approved by your faculty advisor and/or program coordinator.

<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	

128 hours 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](#)

[TWO WRITING SKILLS COURSES - 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

