

UH-Downtown • Department of Natural Sciences
Student Worksheet for Bachelor of Science in Chemistry with Emphasis in Environmental Chemistry

(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, Music, Drama) _____	<input type="checkbox"/>	<input type="checkbox"/>	HIST 1305, 1306, 2303, or 2309 - History
<input type="checkbox"/>	<input type="checkbox"/>	COMM 1304 or 3306 - Speech	<input type="checkbox"/>	<input type="checkbox"/>	Social/Behavioral Sciences* _____

Technical Writing (3 hrs)

*see University Catalog for Core Curriculum options

<input type="checkbox"/>	<input type="checkbox"/>	ENG 3329 - Environmental Writing or ENG 3302 - Bus & Tech Writing
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Basic Math and Science (minimum 47 hrs)

<input type="checkbox"/>	<input type="checkbox"/>	CS 1408 - VB or CS 1410 - C++	<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1301/1101 - Gen Bio I
<input type="checkbox"/>	<input type="checkbox"/>	STAT 3311 - Stat Analysis for NS	<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1302/1102 - Gen Bio II
<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"/>	GEOL 1405 - Physical Geology	<input type="checkbox"/>	<input type="checkbox"/>	PHYS 1307/1107 or 2401/2101 - Physics
<input type="checkbox"/>	<input type="checkbox"/>	MBIO 2305/2105 - General Microbiology	<input type="checkbox"/>	<input type="checkbox"/>	PHYS 1308/1108 or 2402/2102 - Physics

Upper-Level Science (42 hrs)

<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3320 - Environmental Chemistry	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3310/3110 - Quant Analysis - F
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4362/4162 - Adv Inorganic Chem - F	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3300 - Undergraduate Research - ID
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3301/3201 - Organic Chem I - F	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3330/3130 - Phys Chem I - F
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3302/3202 - Organic Chem II - ID	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4340/4140 - Gen Biochem I - F
<input type="checkbox"/>	<input type="checkbox"/>	GEOL 3303 - Environmental Geology or	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4410 - Instrumental Methods - ID
		BIOL 4360 - Environmental Biology or	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4364 - Polymer Chem or CHEM 4344
		MBIO 3340 - Environmental Microbiology			Pharm & Tox or CHEM 4360 - Industrial Organic - ID

F = Foundation Course; ID = In Depth Course

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Minimum 122 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 info.

[ONE ETHICAL AND MORAL ISSUES COURSE - Satisfied by degree requirements](#)

[TWO WRITING SKILLS COURSES - Satisfied by degree requirements](#)

[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