

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

(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)

English 3302, 3325, 3326, 3329, or 4306

*see University Catalog for Core Curriculum options

Basic Math and Science (minimum 39 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"/>	PHYS 1307/1107 or 2401/2101 - Physics
			<input type="checkbox"/>	<input type="checkbox"/>	PHYS 1308/1108 or 2402/2102 - Physics

Upper-Level Science (43 hrs)

<input type="checkbox"/>	<input type="checkbox"/>	BIOL 3303/3103 - General Genetics	<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"/>	BIOL 4320 - Cell Bio or BIOL 4330 Mol. Bio - ID	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3330/3130 - Phys Chem I - F
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3301/3201 - Organic Chem I - F	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4340/4140 - Gen Biochem I - F
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3302/3202 - Organic Chem II - ID	<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4342 or CHEM 4344 - Gen Biochem II
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 3320/3120 - Human Physiology			or Pharm & Tox - ID

F = Foundation Course; ID = In Depth Course

Approved Electives (5 hrs)

Electives must be approved by your faculty advisor and/or program coordinator. Students are encouraged to use an appropriate field experience or undergraduate research course to satisfy part of this requirement. BIOL/CHEM 4390 must be approved for the degree plan in writing by your Faculty Advisor.

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

Minimum 120 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 - See NS website for eligible courses](#)
- [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