

**UH-Downtown Department of Natural Sciences
Student Worksheet for Bachelor of Science in Biotechnology 2+2
Curriculum/Articulation Agreement for Montgomery College Biotechnology Majors**

August 2006

Name _____ Student ID # _____
Phone _____ Email _____

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

FIRST YEAR AT MONTGOMERY COLLEGE (35 hrs)

<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1406, Biology I
<input type="checkbox"/>	<input type="checkbox"/>	ENGL 1301, Comp & Rhet I
<input type="checkbox"/>	<input type="checkbox"/>	ENGL 1302, Comp & Rhet II
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 2420 or 2421, Med*/Gen Microbiology
<input type="checkbox"/>	<input type="checkbox"/>	BITC 1402, Lab Methods & Tech.
<input type="checkbox"/>	<input type="checkbox"/>	BITC 1211, Intro to Biotechnology
<input type="checkbox"/>	<input type="checkbox"/>	ITSC 1401, Intro to Computers (TP)
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 1411, Gen Chemistry I
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 1412, Gen Chemistry II
<input type="checkbox"/>	<input type="checkbox"/>	MATH 1314, College Algebra

*must earn a B or better in BIOL 2420

SECOND YEAR AT MONTGOMERY COLLEGE (36 hrs)

<input type="checkbox"/>	<input type="checkbox"/>	BIOL 1407, Biology II
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 2416, Genetics
<input type="checkbox"/>	<input type="checkbox"/>	BITC 2401, Lab Instrumentation
<input type="checkbox"/>	<input type="checkbox"/>	BITC 2431, Cell Culture Techniques
<input type="checkbox"/>	<input type="checkbox"/>	BITC 2441, Molecular Biology Tech.
<input type="checkbox"/>	<input type="checkbox"/>	PHIL 2306, Ethics**
<input type="checkbox"/>	<input type="checkbox"/>	SOCI 2319 Minority Studies*** or SOCI 1301
<input type="checkbox"/>	<input type="checkbox"/>	Select one: SPCH 1311, 1315 or 1321
<input type="checkbox"/>	<input type="checkbox"/>	BITC 2486, Biotech Internship
<input type="checkbox"/>	<input type="checkbox"/>	Elective from Core Curriculum (see Gen Ed below)

**satisfies UHD's Ethics Requirement

***satisfies UHD's World Community Requirement

(Course titles, prefixes and numbers for the 1st and 2nd years are for Montgomery College)

Hours _____

THIRD & FOURTH YEAR AT UHD (72-73 hrs)

GENERAL EDUCATION (29 hrs)

<input type="checkbox"/>	<input type="checkbox"/>	Sophomore Literature**** _____
<input type="checkbox"/>	<input type="checkbox"/>	Fine Arts (3 hrs) _____
<input type="checkbox"/>	<input type="checkbox"/>	MATH 1404
<input type="checkbox"/>	<input type="checkbox"/>	MATH 2401
<input type="checkbox"/>	<input type="checkbox"/>	STAT 3311

<input type="checkbox"/>	<input type="checkbox"/>	HIST 1305, 1306, 2303, 2309
<input type="checkbox"/>	<input type="checkbox"/>	HIST 1305, 1306, 2303, 2309
<input type="checkbox"/>	<input type="checkbox"/>	POLS 2303
<input type="checkbox"/>	<input type="checkbox"/>	POLS 2304

TECHNICAL WRITING

Select one: ENG 3302, 3325, 3326, 3329, or 4306

Hours _____

UPPER-LEVEL SCIENCE (43-44 hrs)

<input type="checkbox"/>	<input type="checkbox"/>	BIOL 3303
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 3103
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 3330 or 3340
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 3130 or 3140
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 4330
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 4220
<input type="checkbox"/>	<input type="checkbox"/>	BIOL/MBIO 4210
<input type="checkbox"/>	<input type="checkbox"/>	BIOL 4230
<input type="checkbox"/>	<input type="checkbox"/>	Select one: MBIO 3340, 3320; CHEM 4360; CS 3308, 3330, 4306, 4328, 4333, 4399

<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4340
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 4140
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3301
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 3201
<input type="checkbox"/>	<input type="checkbox"/>	MBIO 4320
<input type="checkbox"/>	<input type="checkbox"/>	MBIO 4120
<input type="checkbox"/>	<input type="checkbox"/>	MBIO 4310
<input type="checkbox"/>	<input type="checkbox"/>	Select one: CHEM 3302/3202 or 3310/3110
<input type="checkbox"/>	<input type="checkbox"/>	Select one: BIOL 4320; CHEM 4342, 4364; STAT 4307; MATH 3301, 4315, 4304

Hours _____

143 Hours Minimum Required

Total Hours Earned _____

ADDITIONAL REQUIREMENTS - May be satisfied by requirements above

UHD 9000 - Writing Proficiency Exam - 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.

THEA/TASP EXAM - See university catalog for more information

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

[ONE ADDITIONAL WRITING SKILLS COURSE - Satisfied by requirements](#)

[ONE WORLD COMMUNITY COURSE - See NS website for eligible courses](#)

****ENG 2301, 2302, 2313, or 2314 will satisfy both the literature and World Community requirement

ONE NONVERBAL ANALYTICAL SKILLS COURSE - Satisfied by degree requirements

[Program Description](#)

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www.uhd.edu/naturalscience