

Appendix A

Columbia College accepts the following credits from UHSP Teach-Out Students for each academic program covered by this Teach-Out Agreement as listed in the table(s) below.

Teach-Out Curriculum Mapping B.A. in Biochemistry to B.S in Biochemistry			
UHSP Course	Credits	Columbia College Course	Credits
Transfer Credit Equivalents			
BIOL 1111 INTRODUCTORY BIOLOGY I	4	BIOL 110 PRINCIPLES OF BIOLOGY I BIOL 110L PRINCIPLES OF BIOLOGY I LABORATORY	4
BIOL 1112 INTRODUCTORY BIOLOGY II	4	BIOL 112 PRINCIPLES OF BIOLOGY II BIOL 112L PRINCIPLES OF BIOLOGY II LABORATORY	4
BIOL 2250 GENETICS	3	BIOL 254 GENETICS	3
BIOL 4355 PRINCIPLES OF MOLECULAR BIOLOGY AND GENETICS	3	BIOL 390 PRINCIPLES OF MOLECULAR BIOLOGY	4
BIOL 4356L PRINCIPLES OF MOLECULAR BIOLOGY AND GENETICS LAB	1		
CHEM 1105 GENERAL CHEMISTRY I	4	CHEM 110 CHEMISTRY I CHEM 111L INTRODUCTORY CHEMISTRY LABORATORY EXPERIENCE	4
CHEM 1106 GENERAL CHEMISTRY II	4	CHEM 112 CHEMISTRY II CHEM 112L CHEMISTRY II LABORATORY	4
CHEM 1231 ORGANIC CHEMISTRY I	4	CHEM 310 ORGANIC CHEMISTRY I CHEM 310L ORGANIC CHEMISTRY I LAB TR- LOWER-LEVEL COURSE TRANSFERS AS A LOWER-LEVEL COURSE	4
CHEM 1232 ORGANIC CHEMISTRY II	4	CHEM 312 ORGANIC CHEMISTRY I CHEM 312L ORGANIC CHEMISTRY I LAB TR- LOWER-LEVEL COURSE TRANSFERS AS A LOWER-LEVEL COURSE	4
CHEM 3321 BIOCHEMISTRY	3	BIOL 420 BIOCHEMISTRY I	3
CHEM 3322L BIOCHEMISTRY LAB	1	BIOL 420L BIOCHEMISTRY LAB	1
CHEM 3323 BIOCHEMISTRY II	3	BIOL 422 BIOCHEMISTRY II	3
BIOL 3310 CELL BIOLOGY	3	BIOL 345 PRINCIPLES OF CELL BIOLOGY	3
PHYS 3211 PHYSICS I	4	PHYS 111 COLLEGE PHYSICS I PHYS 111L PHYSICS LABORATORY I	4
PHYS 3212 PHYSICS II	4	PHYS 112 COLLEGE PHYSICS II PHYS 112L PHYSICS II LABORATORY	4
SEMR 1105 UHSP 101: FIRST YEAR SEMINAR	1	COLL 133 FIRST YEAR SEMINAR	1

Teach-Out Substitutions – Not Exact Matches but Will Award Credit (if applicable)			
CHEM 3370 ANALYTICAL CHEMISTRY AND INSTRUMENTAL ANALYSIS	3	CHEM 337 INSTRUMENTAL ANALYSIS OR CHEM 335 QUANTITATIVE ANALYSIS	4
CHEM 3371L ANALYTICAL CHEMISTRY AND INSTRUMENTAL ANALYSIS LAB	1		
MATH 1110 APPLIED CALCULUS FOR HEALTH SCIENCES	3	MATH 201 CALCULUS & ANALYTIC GEOMETRY I	3
MATH 1211 APPLIED CALCULUS II	3	MATH 144 LOWER-LEVEL MATHEMATICS ELECTIVE	3
MATH 1120 BIOSTATISTICS	3	BIOL 224 STATISTICS FOR THE BEHAVIORAL AND NATURAL SCIENCES	3
CHEM 3375 CLASSICAL PHYSICAL CHEMISTRY FOR BIOLOGICAL SCIENCES	3	CHEM 401 INTRODUCTION TO PHYSICAL CHEMISTRY/CHEMICAL PHYSICS	3
CHEM 3376L CLASSICAL PHYSICAL CHEMISTRY FOR BIOLOGICAL SCIENCES LAB	1	CHEM 444 UPPER-LEVEL CHEMISTRY ELECTIVE	1
BIOL 1XXX, BIOL 2XXX		BIOL 144 LOWER-LEVEL BIOLOGY ELECTIVE	
CHEM 1XXX, CHEM 2XXX		CHEM 144 LOWER-LEVEL CHEMISTRY ELECTIVE	
BIOL 3XXX, BIOL 4XXX		BIOL 444 UPPER-LEVEL BIOLOGY ELECTIVE	
CHEM 3XXX, CHEM 4XXX		CHEM 444 UPPER-LEVEL CHEMISTRY ELECTIVE	