

Teach-Out Curriculum Mapping			
UHSP Biochemistry (BA) to Truman State University Biochemistry and Molecular Biology (BS)			
UHSP Course	Credits	Truman State University Course	Credits
Transfer Credit Equivalents			
BIOL 1111 - Introductory Biology I	4	BIOL 107 - Cells, Molecules, and Genes	4
BIOL 1112 - Introductory Biology II	4	BIOL 104 - Ecology and Evolution of the Organism	4
BIOL 2250 - Genetics	3	BIOL 300 - Genetics	4
CHEM 1105 - General Chemistry I	4	CHEM 130 - Chemical Principles I	4
CHEM 1106 - General Chemistry II	4	CHEM 131 - Chemical Principles II	4
CHEM 1231 - Organic Chemistry I	4	CHEM 329 - Organic Chemistry I Credits: 3 AND CHEM 330 - Organic Chemistry I Lab Credits: 1	4
CHEM 1232 - Organic Chemistry II	4	CHEM 331 - Organic Chemistry II Credits: 3 AND CHEM 332 - Organic Chemistry II Lab Credits: 1	3
CHEM 3321 - Biochemistry	3	CHEM 335 - Biochemistry I: Structure and Function	3
CHEM 3322L - Biochemistry Lab	1	CHEM 310 - Biochemistry Laboratory	2
CHEM 3323 - Biochemistry II	3	CHEM 435 - Biochemistry II: Metabolism	3
CHEM 3375 - Classical Physical Chemistry for Biological Sciences	3	CHEM 323 - Thermodynamics and Kinetics	3
CHEM 3376L - Classical Physical Chemistry for Biological Sciences	1	CHEM 324 - Thermodynamics and Kinetics Laboratory	2
CHEM 3370 - Analytical Chemistry and Instrumental Analysis	3	CHEM 350 - Analytical Chemistry for the Life Sciences (CHEM 3370 and 3371L combined)	4
CHEM 3371L - Analytical Chemistry and Instrumental Analysis Lab	1	CHEM 350 - Analytical Chemistry for the Life Sciences (CHEM 3370 and 3371L combined)	Substitute for CHEM 312: Foundations of Chemical Analysis in BCMB degree see above
MATH 1110 - Applied Calculus for Health Sciences	3	MATH 196 - Calculus and Mathematical Concepts for Life Science	4
PHYS 3211 - Physics I	4	PHYS 185 - College Physics I	4
PHYS 3212 - Physics II	4	PHYS 186 - College Physics II	4
Teach-Out Substitutions - Not Exact Matches but Will Award Credit (if applicable)			
BIOL 4355 - Principles of Molecular Biology and Genetics	3	BIOL 030 - 300-level elective	3
BIOL 4356L - Principles of Molecular Biology and Genetics Lab	1	BIOL 030 - 300-level elective	1
MATH 1120 - Biostatistics	3	STAT 190 - Basic Statistics	3
MATH 1211 - Applied Calculus II	3	MATH 263 - Analytic Geometry and Calculus II	4
SEMR 1105 - UHSP 101: First Year Seminar	1	TRU 320 - First-year Experience: Transfer students	1
Additional degree requirements for Truman major			
	CHEM 225 - Foundations of Inorganic Chemistry with Lab	4	If transfer in Fall '26 can take CHEM 275 for 1 cr and substitute
	BIOL 330 - Cell Biology	4	
	BCMB 145 - Freshman Biochemistry and Molecular Biology Seminar	1	Waive seminar requirements for any year already completed
	CHEM 245 - Sophomore Chemistry Seminar	1	Waive seminar requirements for any year already completed
	CHEM 345 - Junior Chemistry Seminar	1	Waive seminar requirements for any year already completed
	BCMB 445 - Senior Biochemistry and Molecular Biology Capstone Seminar	1	Waive seminar requirements for any year already completed
Additional Advanced Biology Selective or Advanced Chemistry Sel	6	List of BCMB electives (at least 1 CH lab)	10
			BIOL 4355/4356L, CHEM 3322L, and CHEM 3323 would fulfill 8 hours and the lab requirement