

Teach-Out Curriculum Mapping			
UHSP Medicinal Chemistry (BS) to Truman State University Biochemistry and Molecular Biology (BS)		Truman State University Course	
UHSP Course	Credits		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
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 Cr	4
CHEM 1232 - Organic Chemistry II		4 CHEM 331 - Organic Chemistry II Credits: 3 AND CHEM 332 - Organic Chemistry II Lab C	3
CHEM 3321 - Biochemistry		3 CHEM 335 - Biochemistry I: Structure and Function	3
CHEM 3322L - Biochemistry Lab		1 CHEM 310 - Biochemistry Laboratory	2
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 Lab	2
CHEM 3370 - Analytical Chemistry and Instrumental Analysis		3 CHEM 350 - Analytical Chemistry for the Life Sciences (CHEM 3370 and 3371L combined	4 Substitute for CHEM 312: Foundations of Chemical Analysis in BCMB degree
CHEM 3371L - Analytical Chemistry and Instrumental Analysis Lab		1 CHEM 350 - Analytical Chemistry for the Life Sciences (CHEM 3370 and 3371L combined	see above
MATH 1110 - Applied Calculus for Health Sciences		3 MATH 196 - Calculus and Mathematical Concepts for Life Science	4 Substitute for the MATH 196: Calculus requirement in the BCMB degree
PHYS 3211 - Physics I		4 PHYS 185 - College Physics I	4
PHYS 3212 - Physics II		4 PHYS 186 - College Physics II	4
CHEM 4473 - Chemistry Seminar		1 CHEM 345 - Junior Chemistry Seminar	1
Quantum Physical Chemistry		3 CHEM 325 - Quantum Mechanics and Spectroscopy	3 Count as elective towards major
Teach-Out Substitutions - Not Exact Matches but Will Award Credit (if applicable)			
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
CHEM 4471 - Medicinal Chemistry I		3 BIOL 334 - Molecular Pharmacology	3 Count as elective towards major
CHEM 4472 - Medicinal Chemistry II		3 300/400-level CHEM elective	3 Count as elective towards major
CHEM 4482 - Project Based Chemistry Lab		3 BCMB 443 - Biochemical Research	3 Count as elective towards major
Additional Advanced Chemistry Selectives		6 List of BCMB electives (at least 1 CH lab)	10 Fulfilled through CHEM 4471, 4472, Quantum Physical Chemistry, and CHEM 4482
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; Could substitute an advanced Chemistry Selective for this requirement
		BIOL 330 - Cell Biology	4 Could substitute an advanced Chemistry Selective for this requirement
		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
		BCMB 445 - Senior Biochemistry and Molecular Biology Capstone Seminar	1 Waive seminar requirements for any year already completed