

**Teach-Out Curriculum Mapping  
Biomedical Science to Biology – Pre-Professional**

UHSP Course	Credits	Grand View Course	Credits
Transfer Credit Equivalents			
<a href="#">BIOL 1111 - Introductory Biology I</a>	4 credits	BIOL 101 General Biology I	4 credits
<a href="#">BIOL 1112 - Introductory Biology II</a>	4 credits	BIOL 102 General Biology II	4 credits
<a href="#">BIOL 2250 - Genetics</a>	3 credits	BIOL 360 Genetics	4 Credits
<a href="#">BIOL 2270 - Microbiology</a>	3 credits	BIOL 256 Microbiology	4 credits
<a href="#">BIOL 2272L - Microbiology Lab</a>	1 credit		
<a href="#">BIOL 2280 - Anatomy &amp; Physiology I</a>	3 credits	BIOL 160 Human Anatomy And BIOL 165 Human Physiology	4 and 4
<a href="#">BIOL 2281L - Anatomy &amp; Physiology I Lab</a>	1 credit		
<a href="#">BIOL 2282 - Anatomy &amp; Physiology II</a>	3 credits		
<a href="#">BIOL 2283L - Anatomy &amp; Physiology II Lab</a>	1 credit		
<a href="#">BIOL 3310 - Cell Biology</a>	3 credits	BIOL 380 Cell Biology	4 credits
<a href="#">BIOL 4310 - Biology Seminar</a>	1 credit	BIOL 250 Journal Club	1 credit
<a href="#">BIOL 4355 - Principles of Molecular Biology and Genetics</a>	3 credits	BIOL 415 Molecular Biology	4 credits
<a href="#">BIOL 4356L - Principles of Molecular Biology and Genetics Lab</a>	1 credit		
Additional Advanced Biology Selective	15 credits	Multiple options: BIOL 444 Immunology BIOL 425 Reproductive and Developmental Biology BIOL 420 Gross Anatomy	3-4 credits each

		BIOL 411 Histology BIOL 399 Biology Internship	
<a href="#">CHEM 1105 - General Chemistry I</a>	4 credits	CHEM 111 General Chemistry I	4 credits
<a href="#">CHEM 1106 - General Chemistry II</a>	4 credits	CHEM 112 General Chemistry II	4 credits
<a href="#">CHEM 1231 - Organic Chemistry I</a>	4 credits	CHEM 321 Organic Chemistry I	5 credits
<a href="#">CHEM 1232 - Organic Chemistry II</a>	4 credits	CHEM 322 Organic Chemistry II	5 credits
<a href="#">CHEM 3321 - Biochemistry</a>	3 credits	CHEM 351 Biochemistry	3 credits
<a href="#">CHEM 3322L - Biochemistry Lab</a>	1 credit		
<a href="#">MATH 1110 - Applied Calculus for Health Sciences</a>	3 credits	MATH 212 Applied Calculus	3 credits
<a href="#">MATH 1120 - Biostatistics</a>	3 credits	STAT 261 Applied Statistics	3 credits
<a href="#">PHYS 3211 - Physics I</a>	4 credits	PHYS 131 General Physics I	4 credits
<a href="#">PHYS 3212 - Physics II</a>	4 credits	PHYS 132 General Physics II	4 credits
<a href="#">PSYC 2210 - Principles of Psychology</a>	3 credits	PSYC 101 General Psychology	3 credits
<a href="#">SOCL 2210 - Principles of Sociology</a>	3 credits	SOCS 101 Introduction to Sociology	3 credits
<b>Teach-Out Substitutions – Not Exact Matches but Will Award Credit (if applicable)</b>			
<a href="#">SEMR 1105 - UHSP 101: First Year Seminar</a>	1 credit	Transfer iteration/waived	