



# Transfer Guide

*\*For General Education course requirements please refer to the General Education Transfer Guide*

## Biology-Bachelor of Science

Lewis University		John Wood Community College	
Biology Core Courses		Biology Core Courses	
BIOL 11000	General Biology I	BIO 101	General Biology
BIOL 11100	General Biology I Lab		
BIOL 11500	General Biology II	BIO 111 & 221	General Botany & General Zoology
BIOL 11600	General Biology II lab		
BIOL 22000	Genetics		<i>No Equivalency</i>
BIOL 22100	Genetics Lab		<i>No Equivalency</i>
BIOL 22400	Microbiology		<i>No Equivalency</i>
BIOL 22600	Microbiology Lab		<i>No Equivalency</i>
BIOL 32000	Biostatistics		<i>No Equivalency</i>
BIOL 35500	Molecular Biochemistry		<i>No Equivalency</i>
	OR		
BIOL 35700	Nutritional Biochemistry		<i>No Equivalency</i>
BIOL 35600	Molecular Biochemistry Lab		<i>No Equivalency</i>
BIOL 40600	Molecular Cell Biology		<i>No Equivalency</i>
BIOL 49600	Biology Senior Thesis		<i>No Equivalency</i>
CHEM 11000	General Chemistry I	CHM 103	Principles of Chemistry I
CHEM 11100	General Chemistry I Lab		
CHEM 11500	General Chemistry II	CHM 104	Principles of Chemistry II
CHEM 11600	General Chemistry II Lab		
CHEM 22000	Organic Chemistry I	CHM 201	Organic Chemistry I
CHEM 22100	Organic Chemistry I Lab		
CHEM 22500	Organic Chemistry II	CHM 202	Organic Chemistry II
CHEM 22600	Organic Chemistry II Lab		
PHYS 20000	College Physics I*	PHY 103	Fundamentals of Physics I
PHYS 20100	College Physics I Lab*		
PHYS 20500	College Physics II*	PHY 104	Fundamentals of Physics II
PHYS 20600	College Physics II Lab*		
MATH 20000	Calculus I	MAT 220	Analytic Geometry & Calculus I

\*a three semester Calculus-based Physics sequence is an acceptable substitute

The student should also realize that ALL LABORATORY COURSES are to be taken in conjunction with the lecture sections for all Biology, Chemistry and Physics courses. Most graduate/health care programs require (at the very least, strongly suggest) a lab component for all science classes.

To complete the degree in a timely manner, Lewis University's Biology program strongly suggests the student take multiple general education classes IN ADDITION TO the aforementioned science/math classes. Please work with your college counselor to choose courses that are complimentary to the IAI general education curriculum as well as completion of the Associate's degree at your institution.

