



TRANSFER GUIDE

Inver Hills Community College to Concordia University, St. Paul Bachelor of Science in Biology



Step 1: Complete an AS degree at Inver Hills
AS Biology Transfer Pathway preferred



Step 2: Complete the MnTC Goal Areas not met by the AS degree and remaining elective credits through IHCC or CSP* (*6-8 credits Theology must be completed at CSP*)



Step 3: Complete the remaining requirements at Concordia University.*

BS Biology at Concordia University, St. Paul	Credit	CSP Notes	Inver Hills Course Option
Prerequisites from General Education			
BIO 120 General Biology I	4	Prerequisite	BIOL 1154 Biology: From Cell to Organism
CHE 115 General Chemistry I	4	Prerequisite	CHEM 1061 Principles of Chemistry I
Select one: MAT 125 Precalculus or MAT 135 Calculus I	4	Prerequisite	Select one: MATH 1127 Precalculus or MATH 1133 Calculus I
Required Major Credits and Major Elective Options <i>Bachelor of Science Biology Majors may choose to complete up to 28 major credits at Inver Hills*</i>			
BIO 130 General Biology II	4	Requirement	BIOL 1155 Biology: From Organism to Ecosphere
BIO 210 Genetics	4	Requirement	BIOL 2303 Genetics
BIO 330 Cell Biology	4	Requirement	<i>*Must be completed at CSP</i>
Select one: SCI 435 Research and Techniques or SCI 455 Research in Science	4	Requirement	<i>*Must be completed at CSP</i>
Select one: SCI 450 Literature Review of Special Topics (2) or SCI 436 Advanced Research & Techniques (4) or SCI 456 Advanced Research in Science (4)	2-4	Requirement	<i>*Must be completed at CSP</i>
CHE 116 General Chemistry II	4	Requirement	CHEM 1062 Principles of Chemistry II
CHE 221 Organic Chemistry I	4	Requirement	CHEM 2061 Organic Chemistry I
CHE 328 Biochemistry	4	Requirement	<i>*Must be completed at CSP</i>
MAT 110 Intro. to Prob. and Statistics	3	Requirement	MATH 1103 Introduction to Statistics
Select one: PHS 112 General Physics I (Trig Based) PHS 221 General Physics I (Calc Based)	4	Requirement	Select one: PHYS 1041 Algebra/Trig Based Physics I PHYS 1081 Calculus Based Physics I
BIO 300 Microbiology	4	Major Elective	BIOL 2205 Microbiology
BIO 350 Medical Terminology	2	Major Elective	HCM 1111 Medical Terminology
BIO 315 Human Anatomy & Physiology I	4	Major Elective	BIOL 2201 Anatomy and Physiology I
BIO 316 Human Anatomy & Physiology II	4	Major Elective	BIOL 2202 Anatomy and Physiology II
BIO XXX Biology Elective Courses	X	Major Elective	<i>*Must be completed at CSP</i>
<i>*see www.csp.edu/transfer for important transfer policies</i>			

Guide approved 04-2020, OA/GS