



**Report from Selkirk College
Biology Articulation Committee Meeting, May 9-10, 2023**

Articulation Rep: Stephen Seaborn
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Course (credits)	Course Name	Text	Projected Enrolment	Hours (per week)	Pre-requisites	Notes	Instructor
<i>Academic Upgrading Courses</i>							
BIOL 50 (3)	Biology: Advanced Level	Biology: Concepts and Connections Cdn ed Reece et al.	12	3 Lec 2 Lab	English 10, Chemistry 50 and English 50 concurrent	Also offered at other campuses through ABE	Paula Vaananen
BIOL 60 (3)	Biology: Provincial Level	Biology: Concepts and Connections Cdn ed Reece et al.	12	3 Lec 2 Lab	Biology 11 or Biology 50 or permission English 60/Chemistry 50 concurrent	Also offered at other campuses through ABE	Paula Vaananen
<i>University Level Courses</i>							
BIOL 101 (3)	Biology for Nonmajors	Concepts of Biology OpenStax Fowler, Roush, Wise	24	3 Lec 2 Lab	English 12	Non-majors course	Paula Vaananen

Course (credits)	Course Name	Text	Projected Enrolment	Hours (per week)	Pre-requisites	Notes	Instructor
BIOL 104 (3)	Biology I	Biological Science 3 rd Cdn ed Freeman et al.	72	3 Lec 3 Lab	Biology 12 and Chemistry 11	Majors	James Nicol
BIOL 106 (3)	Biology II	Biological Science 3 rd Cdn ed Freeman et al.	48	3 Lec 3 Lab	Biology 12 and Chemistry 11	Majors	Stephen Seaborn
BIOL 164 (4)	Human Anatomy and Physiology I	The Unity of Form and Function 9e Saladin	60	3 Lec 3 Lab	Chemistry 11 and Biology 11 and one of Chemistry 12, Biology 12 or Physics 12	Required for Nursing and Rural Premedicine	James Nicol
BIOL 165 (4)	Human Anatomy and Physiology II	Unity of Form and Function 9e Saladin	48	3 Lec 3 Lab	Biol 164	Required for Nursing and Rural Premedicine	James Nicol
BIOL 200 (3)	Principles of Ecology	The Economy of Nature 9e Relyea	12	3 Lec 1.5 Lab		Majors	Stephen Seaborn
BIOL 202 (3)	Principles of Genetics	Concepts of Genetics 12e Klug et al.	16	3 Lec 1.5 Lab	BIOL 104 and 106	Majors	Andrea Kooznetsoff
BIOL 204 (3)	Cell Biology	Becker's World of the Cell 10e Hardin and Lodolce	32	3 Lec 3 Lab	BIOL 104 and 106	Required for Rural Premedicine	Andrea Kooznetsoff

Course (credits)	Course Name	Text	Projected Enrolment	Hours (per week)	Pre-requisites	Notes	Instructor
BIOL 206 (3)	Principles of Biochemistry	Principles of Biochemistry 8e Nelson and Cox	24	3 Lec 3 Lab	BIOL 104 and 106 CHEM 125	Majors Rural Premedicine	Jason Da Costa
BIOL 210 (3)	Vascular Plants		0			Not currently offered	
BIOL 212 (3)	Microbiology	Prescott's Microbiology 11e Willey et al.	24	3 Lec 1.5 Lab	BIOL 104 and 106	Rural Premedicine	James Nicol
BIOL 214 (3)	Vertebrate Morphology		0			Not currently offered	
BIOC 302 (3)	General Biochemistry	Lehninger Principles of Biochemistry 8e Nelson and Cox	16	3 Lec 3 Lab	BIOL 204, BIOL 206 CHEM 212, CHEM 213	Rural Premedicine	Jason Da Costa

NOTES: Principles of Ecology is being offered again after a 10 year hiatus.



Biology Department Articulation Representative

Stephen Seaborn
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FACULTY

Jason Da Costa BSc (Waterloo) MSc (Waterloo) PhD (Waterloo)	BIOL 206 Introductory Biochemistry BIOC 302 General Biochemistry	1-888-953-1133 ext. 21317	jdacosta@selkirk.ca
Aubrey Demchuk BSc (Alberta) MSc (Lethbridge) PhD candidate (Lethbridge)	BIOL 202 Genetics - laboratory BIOL 204 Cell Biology - laboratory	1-888-953-1133 ext. 21269	ademchuk@selkirk.ca
Andrea Kooznetsoff BSc (Basel) MSc (Basel) PhD (Basel)	BIOL 202 Genetics BIOL 204 Cell Biology	1-888-953-1133 ext. 21496	akooznetsoff@selkirk.ca
James Nicol BSc (Calgary) MSc (Calgary)	BIOL 164 Anatomy and Physiology I BIOL 165 Anatomy and Physiology II BIOL 212 Microbiology	1-888-953-1133 ext. 21464	jnicol@selkirk.ca
Stephen Seaborn BSc (Guelph) BEd (Toronto) MSc (Nebraska)	BIOL 106 Biology II BIOL 202 Principles of Ecology	250-365-1248	sseaborn@selkirk.ca
Paula Vaananen BSc Honours (Queens) MSc (Calgary)	BIOL 101 Current Issues in Biology (nonmajors) BIOL 104 Biology I	250-365-1430	pvaananen@selkirk.ca