



**Report from Okanagan College
Biology Articulation Committee Meeting, May 9-10, 2023
At UBCO**

Articulation Rep: Bruce Campbell, Morgan Martin
bcampbell@okanagan.bc.ca mmartin@okanagan.bc.ca
www.okanagan.bc.ca

Course # (credits)	Course Name (Descriptor)	Text	Projected Enrolment	Hours (/week)	Pre- requisites	Notes	Course Instructor if known
BIOL 111 (3)	Biology for Science Majors I	Reece et. al.; Campbell Biology Canadian Ed.	180	3,3,0	Chem 11, Bio 11 or 12	majors	Kathy Bockhold, Nusrat Urmi, Bruce Campbell, Joel Urquhart, Mike Mitsch, Bryan White, Stacey Sakakibara
BIOL 112 (3)	Evolution and Ecology	Campbell, et. al.; Biology: Concepts and Connections	80	3,3,0		non-majors	Bruce Campbell, Morgan Martin, Bryan White, Joel Urquhart
BIOL 116 (3)	Current Biotechnology Topics for Non- Science Majors	Thieman, W.J, and Palladino, M.A. Introduction to Biotechnology 4 th edition (2019) Pearson Canada	20	3,3,0		Non-majors	Morgan Martin, Kathy Bockhold

BIOL 121 (3)	Biology for Science Majors II	Reece et. al.; Campbell Biology Canadian Ed.	160	3,3,0	BIOL 111	majors	Kathy Bockhold, Nusrat Urmi, Mike Mitsch, Bruce Campbell
BIOL 122 (3)	Physiology of Multicellular Organisms	Campbell, et. al.; Biology: Concepts and Connections OR Belk, Maier; Biology: Science for Life	80	3,3,0		non-majors	Bruce Campbell, Nusrat Urmi, Joel Urquhart, Bryan White
BIOL 131 (3)	Human A&P I	Marieb; Anatomy & Physiology	100 (+ 20 in summer session)	3,3,0	Chem 11, 1 of Bio 11, Bio 12 or BIOL 122 Bio 12 or BIOL 122 recommended	Therapist Assistants, HKIN; Non-majors; also offered in summer session	Sandra Rosenberg, Nusrat Urmi, Bruce Campbell, Joel Urquhart, Bryan White
BIOL 133 (3)	Human A&P II	Marieb; Anatomy & Physiology	80 (+ 20 in summer session)	3,3,0	BIOL 131	Therapist Assistants, HKIN; also offered summer session	Sandra Rosenberg, Kathy Bockhold, Bruce Campbell, Joel Urquhart
BIOL 175 (3)	Environmental Biology	Campbell, et. al.; Biology: Concepts and Connections	40	3,3,0		Water Engineering Technology (WET)	Erin Radomske
BIOL 202 (3)	Elementary Applied Statistics	Myra L. Samuels & Jeffrey A. Witmer; Statistics for the Life Sciences,	40	4,0,0	MATH 112	cross-listed with STAT 230	
BIOL 203 (3)	Introduction to Ecology	Bowman & Hacker; Ecology, 5 th ed.	40	3,1.5,0.5	BIOL 121, or BIOL 112/122 or BIOL 175/275	majors	Carson Keever

BIOL 211 (3)	Cell Biology	Becker, Kleinsmith & Hardin: the World of the Cell, OR Alberts, Bray, Hopkin, Johnson, Lewis, Raff, Roberts and Walter; Essential Cell Biology	40	3,0,0	BIOL 121, CHEM 121 or 122	majors	Michael Mitsch, Stacey Sakakibara
BIOL 220 (3)	Introductory Biochemistry	Lehninger:Principles of Biochemistry	20	3,0,1	BIOL 211 and CHEM 212	majors	Stacey Sakakibara, Bryan White
BIOL 224 (3)	Genetics	Griffiths, Wessler, Carroll and Doebley; Introduction to Genetic Analysis	40	3,1.5,0.5	BIOL 121	majors	Michael Mitsch, Stacey Sakakibara
BIOL 228 (3)	Intro Microbiology	Madigan, Martinko, Stahl and Clark; Brock Biology of Microorganisms, OR Prescott's Microbiology	45	3,3,0	BIOL 121	majors	Michael Mitsch, Kathy Bockhold, Sandra Rosenberg
BIOL 260 (3)	Pathophysiology for Health Sciences	Van Meter, Hubert; Gould's Pathophysiology for the Health Professions	20	3,0,0	BIOL 133	HKIN	Sandra Rosenberg
BIOL 251 (3)	Vascular Plants	Raven et.al.; the Biology of Plants	30	3,3,0	BIOL 121 or 112/122	majors	Stacey Sakakibara
BIOL 254 (3)	Vertebrate Biology	Kardong; Vertebrates, OR Pough et al; Vertebrate Life	30	3,3,0	BIOL 121 or 112/122	majors	Joel Urquhart, Carson Kever
BIOL 275 (3)	Freshwater Plants and Animals	Instructor-provided material; Guard; Wetland Plants of Washington and Oregon; Lemkuhl; How to know the Aquatic Insects	10	3,3,0	BIOL 121 or 175 or 112/122	WET	Erin Radomske
BIOL 278 (3)	Microbiology of Water and Wastewater	Instructor-provided material	20	2,3,0	BIOL 175	WET	Erin Radomske
BIOL 279 (3)	Limnological Methods	Instructor-provided material	10	3,3,0		WET	Erin Radomske

NOTES:

Recent consolidation of the BSN nursing program at UBCO has reduced our offerings. Our BIOL 131/133 offerings have been reduced as well as BIOL 260 and 261 have been eliminated at the Kelowna campus. One section of BIOL 260 has been added at the Penticton campus for HKIN students.

Projected enrolments are similar to last year.

Viticulture has been moved into the Biology Department.

People:

Science and Tech portfolio is interviewing for a new Dean, who would start this summer.

Buildings:

New residences and new child care facilities progressing for K, V, SA, P

Other:

We would like to change our first year science majors biology courses to be 4 hrs of lecture/week

Biology Department Faculty	Phone 250-762-5445	Email
Kathy Bockhold (Kelowna)	4542	kbockhold@okanagan.bc.ca
Bruce Campbell (Kelowna)	4784	bcampbell@okanagan.bc.ca
Nusrat Urmi (Kelowna)		nurmi@okanagan.bc.ca
Sharon Mansiere (Penticton)	3234	smansiere@okanagan.bc.ca
Morgan Martin (Kelowna; Chair)		mmartin@okanagan.bc.ca
Michael Mitsch (Salmon Arm/Vernon)	8217	mmitsch@okanagan.bc.ca
Erin Radomske (Kelowna)	4485	eradomske@okanagan.bc.ca

Sandra Rosenberg (Penticton)	3229	srosenberg@okanagan.bc.ca
Stacey Sakakibara (Kelowna)	4301	ssakakibara@okanagan.bc.ca
Joel Urquhart (Kelowna)	2276	jurquhart@okanagan.bc.ca
Bryan White (Salmon Arm)	8227	bgwhite@okanagan.bc.ca
Carson Keever (Kelowna, Salmon Arm, Vernon)		ckeeper@okanagan.bc.ca
Cascade Tong (lab tech)		chembiolabs@okanagan.bc.ca
Isabelle Curyk (lab tech)		chembiolabs@okanagan.bc.ca