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Biology Articulation Committee Meeting, May 9-10, 2023

UBCO

Report from Yukon University

Articulation Rep: Kate Chatfield-Reed

Ph: (867) 456-8563 Email: kchatfieldreed@yukonu.ca

Course (credits)	Course Name	Text	Estimated Enrolment	Hours lec:lab	Pre-requisites	Notes	Instructors
<i>College Prep</i>							
BIOL 050 (3)	Introducing Biology I (Biology 11)	Molnar and Gair, OpenStax	15	3:1	ENGL 050 Science 10 (over 65%)	Fall	Sessionals
BIOL 060 (3)	Introducing Biology II (Biology 12)	Miller, Human Biology, Pressbooks	10	3:1	BIOL 050 or Biology 11	Winter	Sessionals
<i>University-Level Courses</i>							
BIOL 101 (3)	Evolution and Biodiversity	<i>Campbell Biology 3rd Canadian Ed.</i>	15	3:3	Bio 11 or 12	Fall	Tara Stehelin Kate Chatfield-Reed
BIOL 102 (3)	Introduction to Molecular and Cellular Biology	<i>Campbell Biology 3rd Canadian Ed.</i>	15	3:3	Bio 11 or 12	Winter	Kate Chatfield-Reed
BIOL 201 (3)	Cell Biology	Becker's World of the Cell, 9 th Ed.	5	3:3	Biol 101 and 102	Fall	Kate Chatfield-Reed

BIOL 202 (3)	Introduction to Genetics	Klug, Essentials of Genetics 10 th Ed.	5	3:2	Biol 101 and 102	Winter	Kate Chatfield-Reed
BIOL 203 (3)	Microbiology	Prescott's Microbiology, 12 th Ed.	5	3:3	Biol 101 and 102	Fall	Kate Chatfield-Reed
BCHM 200 (3)	Biochemistry	Lehninger Principles of Biochemistry, 8 th Ed.	5	3:3	CHEM 210 and BIOL 201	Winter	?
BIOL 210 PLSC221 * (3)	Introduction to Northern Botany	Plant Biology, K. R. Stern, 12 th Ed.	10	3:3	BIOL 101 and BIOL 102 or equivalent	Usually transfers as BIOL 2XX	Krystal Isbister
BIOL 220 (3)	Ecology	Molles and Laursen <i>Ecology: Concepts and Applications</i> , 2020 Canadian Ed.	20	3:3	BIOL 101 and BIOL 102	Fall	Scott Gilbert
BIOL 225/ REN 401*(3)	Ornithology: Introduction to the Biology of Birds	Bird guide and various readings	15	3 lec/lab combined	BIOL 101	Every other year Biol2XX	Kathryn Aitken
BIOL 230/ REN 364* (3)	Conservation Biology	Sher, A and Primack, R. B. 2 nd Ed. 2020	15	3 + 2 Field trips	BIOL 101	Winter	Tara Stehelin
BIOL 290 (3)	Beringia: its Pleistocene environment & Paleoecology	Various readings	0	3:0	BIOL 101	Every other year	Tyler Kuhn
BIOL 310/ REN401 * (3)	Animal Behavior	Dugatkin, L. A. <i>Principles of Animal Behavior</i> 2 nd edition	10	3:0	BIOL 101 and BIOL 102		Kathryn Aitken

PROGRAM CHANGES

We added two new biology courses to our course list and plan on offering them both in the 2023-2024 school year: Microbiology (BIOL 203) and Biochemistry (BCHM 200).

NOTES

1. Increased reliance on sessional instructors for core programming: Our ASD (upgrading) department, in particular, has lost permanent faculty to instruct the BIOL and CHEM 11- and 12-level courses, which may impact our programming.
2. Larry Gray retired from his position as an Instructor, Environment Science.

*Also described in University of Alberta Calendar as part of the Northern Environmental and Conservation Sciences degree (B.Sc.) program

FACULTY School of Science

Tara Stehelin, PhD (UofA)	Instructor, Biology Coordinator, Renewable Resources Management Program Chair of Science	(867) 456-6957	tstehelin@yukonu.ca
Kate Chatfield-Reed, PhD (UofC)	Instructor, Biology	(867) 456-8563	kchatfieldreed@yukonu.ca
Kathryn Aitken, PhD (UBC)	Instructor (Ornithology, Ecology), Coordinator BSc. Northern Environmental and Conservation Science Program	(867) 668-8866	kaitken@yukonu.ca
Vacant, Sessional	Instructor, College Prep.		
Fiona Schmiegelow, PhD (position is with UofA but based at YukonU)	Director BSc Northern Environmental and Conservation Science Program	(867) 668-8711	fschmie@ualberta.ca
Scott Gilbert, PhD	Instructor, Renewable Resources Management Program	(867) 668-8776	sgilbert@yukonu.ca
Darrell Otto, MSc	Instructor, Fisheries Technician Program, Renewable Resources Management Program	(867) 668-8868	dotto@yukonu.ca

Biology Department Head/Articulation Representative

Biology articulation representative: **Kate Chatfield-Reed**

School of Science Chair: **Tara Stehelin**

Dean of Applied Science and Management: Ernest Prokopchuk