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Biology Articulation Committee Meeting, May 9th and 10th, 2023
University of British Columbia - Okanagan

Report from Douglas College
Articulation Rep: Michael Silvergieter
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Course (credits)	Name	Text	Projected Enrolment	Hours (/week) *	Prerequisites	Notes	Course Instructor
University-Level Courses							
1100 (4)	Trends in biology	*Openstax Concepts of Biology*	108	4 lecture 2 lab	None	Non-majors	Clasen/Harper
1103 (3)	Human anatomy & physiology I	*Douglas College Human Anatomy and Physiology I (2nd ed).*	962	4 lecture 2 lab	None	Health Sciences	Various
1104 (3)	Introduction to human anatomy & physiology	*Douglas College Human Anatomy and Physiology I & II (2nd ed).*	60	4 lecture/ tutorial	None	Therapeutic Recreation	Barker/ Viveiros
1109 (3)	Human anatomy & physiology I	*Douglas College Human Anatomy and Physiology I (2nd ed).*	210	4 lecture 2 lab	None	Sport Science and BPEC	Various

1110 (5)	Principles of biology: the biosphere	Campbell Biology 2nd Canadian ed.	455	4 lecture 3 lab	None	UT	Various
1203 (3)	Human anatomy & physiology II	Douglas College Human Anatomy and Physiology II (2nd ed).	666	4 lecture 2 lab	1103/09 OR Bio 12 B	Health Sciences	Various
1209 (3)	Human anatomy & physiology II	Douglas College Human Anatomy and Physiology II (2nd ed).	140	4 lecture 2 lab	1103/09 OR Bio 12 B	Sport Science and BPEC	Various
1210 (5)	Principles of biology: the organism	Campbell Biology 2nd Canadian ed.	350	4 lecture 3 lab	None	UT	Various
2200 (3)	Pathophysiology	Hannon, Pooler & Porth ; Porth Pathophysiology	350	3 lecture 1 tutorial	1103/1109 and 1203/1209	Health Sciences	Morris/Jessa/ Weisser/Sutton /Karunakaran
2300 (5)	Marine biology	Castro and Huber Marine Biology	35	4 lecture 3 lab	1110 and 1210	UT	Clasen/Harper
2321 (5)	Cell Biology	Cooper & Hausmann The Cell: A molecular approach	56	4 lecture 3 lab (hybrid)	1110 and 1210	UT and BPEC	Sigola/Jamil/ Oh-McGinnis
2400 (5)	General Microbiology	Madigan et al Brock biology of microorganisms	56	4 lecture 3 lab (hybrid)	1110 and 1210	UT	Clasen/Lee
2401 (3)	Introductory microbiology for Health sciences	OpenStax Microbiology – Douglas College Ed.	308	4 lecture 2 lab	1103/1109 and 1203/1209	Health Sciences	Lee/Viveiros/ Weisser/ Sutton/ Karunakaran

2421 (3)	Cell biochemistry	Lehninger Principles of biochemistry	70	4 lecture/ Tutorial	1110 and 1210	UT and BPEC	Lee/Cruz-Aguado
3100 (5)	Musculoskeletal anatomy	Moore Essentials of Clinical Human Anatomy	56	4 lecture 3 lab	1103/1109 and 1203/1209	Sport Science and BPEC	Barker/Weisser
3205 (5)	Genetics	Klug Concepts of genetics	56	4 lecture 3 lab	1110 and 1210	UT and BPEC	Millis/Jamil/ Oh-McGinnis
3305 (5)	Ecology	Ricklefs The economy of nature	35	4 lecture 3 lab	1110 and 1210	UT and BPEC	Clasen/ Matheson
3500 (5)	Plant Biology	Raven, Evert & Eichhorn Biology of plants	35	4 lecture 3 lab	1110 and 1210	UT and BPEC	Gonzalez-Torres/Faurie/ Harper
3610 (5)	Invertebrate zoology	Pechenik, J. Biology of the Invertebrates	0	4 lecture 3 lab	1110 and 1210	UT and BPEC	Harper
3620 (5)	Vertebrate zoology	Hickman et al. Integrated Principles for Zoology, 17th ed.	28	4 lecture 3 lab	1110 and 1210	UT and BPEC	Cruz-Aguado
3700 (3)	Evolution	Herron & Freeman Evolutionary analysis, 5th ed.	35	4 lecture	1110 and 1210	UT and BPEC	Harper

PROGRAM CHANGES (or other Notes)

1. Enrollments continue to decrease for our first year Biology UT courses.
2. All courses are back to in-person instruction for both lecture and labs with no online/hybrid option.
3. For all first year A&P courses, our own Douglas College open source textbook (Douglas College Open Anatomy and Physiology I and II) continues to be used as the main textbook used for this Academic year.
4. Proposing a 4-year multidisciplinary Bachelor's Degree of Applied Research Technology and Communication, along with associated microcredentials aimed at applied skills needed for biotech, applied chemistry and environmental consulting industries.
5. BIOL 3610 (Invertebrate Zoology) and BIOL 3620 (Vertebrate Zoology) alternate years, this year is BIOL 3620.
6. Dr. Jessica Clasen has an ongoing research project into viral infection rates on bacteria in kelp forest communities, and implications for nutrient cycling.
7. Faculty changes: Dr. Cheryl Tautorus is retiring in Aug 2023 and Dr. Robert McGregor was appointed Professor Emeritus.

DOUGLAS COLLEGE BIOLOGY FACULTY

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