



## SENATE CURRICULUM COMMITTEE MEETING

Friday, May 24, 2019 12:00 pm  
 Capilano University – Room LB 321

### MINUTES

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- PRESENT:** Deb Jamison (Chair), Deanna Baxter, Caroline Depatie, David Geary, Michelle Gunness, Karin Hall, Keith Lam, Pouyan Mahboubi, Aurelea Mahood, Brad Martin, Graeme Sleep, Caroline Soo, Halia Valladares, Mary Ross, Hassan Merali, Bana Nourkeyhani
- REGRETS:** Sean Ashley, Shahnaz Darayan, Darcie Hillebrand, Pascal Milelli, Majid Raja, Jennifer Nesselroad, Toran Savjord, Laureen Styles, Rachel Yu
- GUESTS:** Emma Russell, Heather MacLeod, Paul McMillan, Urmila Deo Jangra, Mahshid Atapour
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#### ***Acknowledgement***

*We respectfully acknowledge the unceded lands of Lil'wat, Musqueam, Sechelt, Squamish, and Tsleil-Waututh people on whose territories our campuses are located.*

#### **1. Welcome**

The Chair called the meeting to order at 12:05pm.

#### **2. Approval of the Agenda**

*Halia Valladares moved and Michelle Gunness seconded:*

To adopt the agenda as presented.

**CARRIED**

#### **3. BACHELOR OF HUMAN KINETICS**

*Emma Russell and Heather MacLeod (Mahshid Atapour)*

Bachelor of Human Kinetics

SCC received an overview of the new proposed Bachelor Human Kinetics (BHK) program. The Committee reviewed the contents in the order of proposed new courses, proposed changes to existing courses, and the degree proposal overall.

Presenters provided a PowerPoint overview of their program highlighting the key aspects of their proposal. The BHK aims to graduate students who can work to decrease the current burden we have in our society of chronic disease and to generally promote healthier lifestyles. The program will be divided into two streams: Exercise Science and Health Promotion.



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Exercise Science will be focused on a physiotherapy setting, while Health Promotion will focus mostly in community settings. The proposed start date for this degree will be the Fall of 2021.

This will be a four-year program with eight semesters and 120 credits. The BHK straddles both the general sciences and social sciences, and will focus on addressing local and provincial priorities. It was noted that there is a high level of support from other post-secondary institutions, as there is such a high demand for this program. An extensive consultation process was undertaken with over 125 individuals from 2017 to 2019.

Presenters also clarified that on page 8 of the Full Program Proposal, “Memorandum of Understanding (MOU)” should be changed to “agreement.”

*Caroline Soo moved and Brad Martin seconded:*

\*\*\* The new program, Bachelor of Human Kinetics, was reviewed by SCC (to be recommended by the Board of Governors for approval).

**CARRIED**

#### NEW COURSES

HKIN 125 – Introduction to Leadership  
 HKIN 206 – Functional Anatomy  
 HKIN 225 – Aging and Health  
 HKIN 296 – Career Seminar Series  
 HKIN 301 – Research Methods  
 HKIN 302 – Data Analysis  
 HKIIN 312 – Food as Medicine  
 HKIN 317 – Lab Techniques in Exercise Science  
 HKIN 320 – Physiology of Healthy Aging  
 HKIN 325 – Leadership in Health and PA  
 HKIN 329 – Ethics in Human Kinetics  
 HKIN 331 – Health Behaviour Change  
 HKIN 335 – Health Promotion  
 HKIN 351 – Advanced Biomechanics  
 HKIN 364 – Global Health and Society  
 HKIN 369 – Instructional Design  
 HKIN 375 – Advanced Exercise Physiology  
 HKIN 390 – Advanced Musculoskeletal Anatomy  
 HKIN 396 – Career and Professional Preparation



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HKIN 397 – BHK Field Studies I  
HKIN 405 – Exercise Management  
HKIN 495 – Neuro-Motor Movement Control  
HKIN 497 – BHK Field Studies II  
HKIN 499 – BHK Capstone

There was a lengthy nuanced discussion in relation to the proposed course, HKIN 302 – Data Analysis. It was noted that the course is very similar to a currently existing course, STAT 301 – Data Analysis and Action. Some Committee members expressed concerns that HKIN 302 does not require any prerequisites and much of the course is 100-level material and attempts to do what the Math Department does with two courses (STAT 101 and STAT 301) in one course (HKIN 302). It was clarified that HKIN 301 – Research Methods serves as a prerequisite for this course.

Ultimately, the Committee moved forward recognizing that concerns with HKIN 302 – Data Analysis can be addressed with further revisions, including a course title change and attempting to ensure that an instructor from the Math Department teaches this course.

Questions were also fielded in regard to HKIN 397 – BHK Field Studies I and HKIN 497 – BHK Field Studies II and whether the repetition of this content is required. It was explained that practice in the field requires thorough experience and therefore both courses are necessary.

It was clarified that the courses HKIN 206, HKIN 225, HKIN 312, HKIN 317, HKIN 320, HKIN 351, HKIN 375, HKIN 390, HKIN 405, and HKIN 495 will **not** be given Science of Lab Science designations at the current time.

A question was posed as to the extent of indigenous consultation in the development of the degree proposal and that HKIN 364 – Global Health and Society – would be a natural fit to develop indigenous components to the course profile. The presenters noted that they did not have the resources to meet and consult with the First Nations Health Authority to date, but intended to do so the following week (which they did).



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*Caroline Depatie moved and Brad Martin seconded:*

**19/41** The following new courses, along with their corresponding Q/A and Cap Core designations, be recommended to the Senate for approval: **CARRIED**

- HKIN 125 – Introduction to Leadership
- HKIN 206 – Functional Anatomy
- HKIN 225 – Aging and Health
- HKIN 296 – Career Seminar Series (*Capstone*)
- HKIN 301 – Research Methods (Q/A)
- HKIN 302 – Data Analysis (Q/A)
- HKIIN 312 – Food as Medicine (*Science and Technology*)
- HKIN 317 – Lab Techniques in Exercise Science
- HKIN 320 – Physiology of Healthy Aging
- HKIN 325 – Leadership in Health and PA
- HKIN 329 – Ethics in Human Kinetics
- HKIN 331 – Health Behaviour Change
- HKIN 335 – Health Promotion (*Self and Society*)
- HKIN 351 – Advanced Biomechanics
- HKIN 364 – Global Health and Society (*Self and Society*)
- HKIN 369 – Instructional Design
- HKIIN 375 – Advanced Exercise Physiology (*Science and Technology*)
- HKIN 390 – Musculoskeletal Anatomy (*Science and Technology*)
- HKIN 396 – Career and Professional Preparation (*Experiential*)
- HKIN 397 – BHK Field Studies I (*Experiential*)
- HKIN 405 – Exercise Management
- HKIN 495 – Neuro-Motor Movement Control
- HKIN 497 – BHK Field Studies II
- HKIN 499 – BHK Capstone (*Capstone*)

#### REVISIONS TO COURSES

HKIN 252 – Contemporary Health Issues

HKIN 205 – Principles of Strength and Conditioning



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*Deanna Baxter moved and Brad Martin seconded:*

**19/42** The revisions to the following courses be recommended to Senate **CARRIED**  
 for approval:

- HKIN 252 – Contemporary Health Issues (level change to HKIN 162)
- HKIN 205 – Principles of Strength and Conditioning (level change to HKIN 306)

#### INFORMATION ITEMS

Bachelor of Human Kinetics – Stage 1 Document  
 Bachelor of Human Kinetics – Stage 1 Appendices  
 Bachelor of Human Kinetics – Stage 2 Appendices  
 Bachelor of Human Kinetics – Feedback on PSIPS  
 Bachelor of Human Kinetics – Peer Review Response

#### **BACHELOR OF SCIENCE GENERAL**

*Paul McMillan and Urmila Deo Jangra*

Bachelor of Science General

The program, Bachelor of Science – General, was introduced to the Committee as a new degree proposal. The University currently has no BSc degree and it was therefore determined that the development of a general science degree made the most sense. This program will provide a unique and individualized opportunity for students and include interesting features and flexibility for students.

Students will be required to take at least one concentration, but will be encouraged to take two. The three concentrations being offered are biomedical, environmental, and computational. The curriculum has been developed in such a way that each concentration includes courses from multiple disciplines.

Presenters also agreed that on page 8 of the Full Program Proposal, “This program is in compliance with Bachelor of Science framework” should added to the end of the first paragraph (under “Program Structure”) and that the referenced framework be added as an appendix to the program proposal.



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*Karin Hall moved and Deanna Baxter seconded:*

\*\*\* The new program, Bachelor of Science – General, was reviewed by **CARRIED** SCC (to be recommended by the Board of Governors for approval).

#### NEW COURSES

BIOL 300 – Molecular Genetics  
 BIOL 308 – Conservation Biology  
 BIOL 312 – Human Physiology I  
 BIOL 313 – Human Physiology II  
 BIOL 314 – Advanced Cell Biology  
 BIOL 403 – Microbiology and Immunology  
 BIOL 408 – Ecosystem Restoration  
 CHEM 211 – Organic Chemistry – Life Sciences  
 CHEM 215 – Biochemistry I  
 CHEM 304 – Environmental Chemistry  
 CHEM 311 – Applications of Spectroscopy  
 CHEM 315 – Biochemistry II  
 CHEM 404 – Green Chemistry  
 CHEM 411 – Medicinal Chemistry  
 COMP 215 – Intro to Computational Science  
 MATH 330 – Mathematical Modelling  
 MATH 336 – Applied Graph Theory  
 MATH 400 – Machine Learning  
 PHYS 300 – Environmental Thermodynamics  
 PHYS 310 – Environmental Physics Lab  
 SCI 100 – Exploration in Science  
 SCI 400 – Research Project  
 STAT 305 – Introduction to Data Science  
 STAT 310 – Experimental Design

*Deanna Baxter moved and Brad Martin seconded:*

**19/43** The following new courses, along with their corresponding Science, Q/A, and Cap Core designations, be recommended to the Senate for approval: **CARRIED**



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- BIOL 300 – Molecular Genetics (Science Designation, Lab Science Designation, *Science and Technology*)
- BIOL 308 – Conservation Biology (Science Designation, *Science and Technology*)
- BIOL 312 – Human Physiology I (Science Designation, *Science and Technology*)
- BIOL 313 – Human Physiology II (Science Designation, *Science and Technology*)
- BIOL 314 – Advanced Cell Biology (Science Designation, *Science and Technology*)
- BIOL 403 – Microbiology and Immunology (Science Designation, *Science and Technology*)
- BIOL 408 – Ecosystem Restoration (Science Designation, Lab Science Designation, *Science and Technology*)
- CHEM 211 – Organic Chemistry – Life Sciences (Science Designation, Lab Science Designation, Q/A Designation, *Science and Technology*)
- CHEM 215 – Biochemistry I (Science Designation, *Science and Technology*)
- CHEM 304 – Environmental Chemistry (Science Designation, Q/A Designation, *Science and Technology*)
- CHEM 311 – Applications of Spectroscopy (Science Designation, Lab Science Designation, Q/A Designation, *Science and Technology*)
- CHEM 315 – Biochemistry II (Science Designation, Q/A Designation, *Science and Technology*)
- CHEM 404 – Green Chemistry (Science Designation, Lab Science Designation, Q/A Designation, *Science and Technology*)
- CHEM 411 – Medicinal Chemistry (Science Designation, Q/A Designation, *Science and Technology*)
- COMP 215 – Intro to Computational Science (Science Designation, Q/A Designation, *Science and Technology*)
- MATH 330 – Mathematical Modelling (Science Designation, Q/A Designation, *Science and Technology*)
- MATH 336 – Applied Graph Theory (Science Designation, Q/A Designation, *Science and Technology*)
- MATH 400 – Machine Learning (Science Designation, Q/A Designation, *Science and Technology*)



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- PHYS 300 – Environmental Thermodynamics (Science Designation, /A Designation, *Science and Technology*)
- PHYS 310 – Environmental Physics Lab (Science Designation, Lab Science Designation, Q/A Designation, *Science and Technology*)
- SCI 100 – Exploration in Science
- SCI 400 – Research Project (Science Designation, Lab Science Designation, Q/A Designation, *Science and Technology; Experiential*)
- STAT 305 – Introduction to Data Science (Science Designation, Q/A Designation, *Science and Technology*)
- STAT 310 – Experimental Design (Science Designation, Q/A Designation, *Science and Technology*)

#### REVISIONS TO COURSES

CHEM 204 – Introduction to Physical Chemistry

COMP 320 – Database Technologies and Applications

COMP 330 – Modern Scripting and OS Automation

*Brad Martin moved and Michelle Gunness seconded:*

**19/44** The revisions to the following courses, along with their corresponding Science, Q/A, and Cap Core designations, be recommended to the Senate for approval:

**CARRIED**

- CHEM 204 – Introduction to Physical Chemistry (pre-requisites, Science designation, Q/A Designation, *Science and Technology*)
- COMP 320 – Database Technologies and Applications (pre-requisites, contact hours, credits, Q/A Designation, *Science and Technology*)
- COMP 330 – Modern Scripting and OS Automation (pre-requisites, contact hours, credits, Q/A Designation, *Science and Technology*)

#### INFORMATION ITEMS

Bachelor of Science General – Stage 1 Document

Bachelor of Science General – Stage 1 Appendices

Bachelor of Science General – Stage 2 Appendices





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5. CAPS 499  
*Aurelea Mahood*

CAPS 499 was introduced to the Committee as a common Cap Core course that will provide students with an opportunity to reflect on the entirety of their 120 credits. The course is intended for all students and is not intended to be major or disciplinary specific.

It was clarified that CAPS 499 is not intended to be similar to a Liberal Studies graduating project, but rather a retrospective reflection on a student's degree where they are tasked with revising an existing piece of work they have produced. While students are not required to take this in their final term, CAPS 499 will be strongly suggested to be taken at the end of one's degree.

Finally, it was clarified that a component encouraging students to present their revised work to an audience in a type of public forum, while encouraged, will not be required or result in extra marks.

*Hassan Merali moved and Caroline Depatie seconded:*

**19/45** The new course, CAPS 499, a degree portfolio course, be recommended to Senate for approval, as well as designation as a Cap Core course under the heading *Capstone*. **CARRIED**

6. **INFORMATION ITEMS**  
 (a) CAPS – New subject code (Capstone Course Designation)
7. **BUSINESS ITEMS**  
 (a) None

There being no further business, and on a motion duly made and seconded, the meeting was adjourned at 2:17pm.

**Next Meeting: Friday, June 14, 2019 - 12:00 – 2:00 pm**

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