



OKANAGAN

THE UNIVERSITY OF BRITISH COLUMBIA

# **UBC Okanagan**

# **ACADEMIC**

# **CALENDAR**

**2022/23**

[www.calendar.ubc.ca/okanagan](http://www.calendar.ubc.ca/okanagan)



School of Health and Exercise Sciences

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## Introduction

### *A School within the Faculty of Health and Social Development*

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The School of Health and Exercise Sciences at the UBC Okanagan campus offers a Bachelor of Health and Exercise Sciences, Masters of Health and Exercise Sciences (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,285,1083,0>), and PhD in Kinesiology (<http://calendar.ubc.ca/okanagan/index.cfm?tree=18,285,1083,0>).

The School's mission is to optimize human health from the individual to the population through excellence in interdisciplinary teaching, research, and community engagement. Faculty in the School have expertise in Sensorimotor Neuroscience and Neuromuscular Physiology, Health Behaviour Change, as well as Cardiovascular and Respiratory Physiology.

## **Bachelor of Health and Exercise Sciences Program for students entering the program in 2022/2023 or later**

## **Bachelor of Health and Exercise Sciences Program for students entering the program in 2022/2023 or later > Introduction**

### *Introduction*

Health and Exercise Sciences is the comprehensive study and practice of human movement and its impact on health. Accordingly, the Bachelor of Health and Exercise Sciences at the UBC Okanagan campus provides students with an understanding of the interdisciplinary nature of human health that includes psychological, physiological, neuromechanical and socio-cultural aspects of movement. The aim is to develop leaders who have the ability to work effectively with healthy individuals and those living with chronic conditions to enhance wellbeing.

The Bachelor of Health and Exercise Sciences (B.H.E.S.) is a 120-credit degree program, with the option to complete one of three concentrations: Kinesiology & Allied Health, Health Behaviour Change or Clinical Exercise Physiology.

The curriculum includes core, concentration, and elective courses, giving students common foundational knowledge as well as the opportunity to complement their choice of concentration with courses of personal interest.

Graduates will find work within local, national, and international health and government organizations, pursue graduate studies, or



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enter a variety of allied health professions.

## Bachelor of Health and Exercise Sciences Program for students entering the program in 2022/2023 or later > Admission Requirements

### *Admission Requirements*

Application for admission to the Bachelor of Health and Exercise Science must be made through Enrolment Services. Procedures, policies, and admission requirements of the UBC Okanagan campus and the Bachelor of Health and Exercise Science are specified in Admissions (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=2,0,0,0>).

## Bachelor of Health and Exercise Sciences Program for students entering the program in 2022/2023 or later > General Requirements

### Learning Outcomes - Bachelor of Health and Exercise Sciences (B.H.E.S) Program

- Integrate and apply foundational knowledge to enhance and promote human health.
- Understand the interdisciplinary nature of human health in including psychological, physiological, neuromechanical and socio-cultural aspects of movement.
- Conduct and interpret assessments of health and fitness for the general population.
- Understand, critique and apply evidence-based practice to improve the health of society.
- Demonstrate critical thinking and problem solving skills.

### Additional learning outcomes for Kinesiology and Allied Health (KAH) Concentration

- Demonstrate professionalism and leadership in exercise testing and prescription to enhance health and/or recovery from illness and injury.
- Exhibit extensive knowledge of human anatomy and apply this knowledge in the prevention and treatment of musculoskeletal injuries.
- Integrate and apply knowledge, skills and judgment to provide competent services through the continuum of care.
- Effectively communicate and collaborate with others to achieve common goals in the provision of kinesiology and allied health services.
- Demonstrate professional and ethical care in working with clients to enhance health and wellbeing.

### Additional learning outcomes for Health Behaviour Change (HBC) Concentration

- Demonstrate professionalism and leadership in working with individuals to change behaviour through the integration of exercise prescription with behaviour change techniques to enhance adherence.
- Design a health behaviour change intervention based on theory.
- Understand the role of evaluation within community-based programming through the development of an evaluation plan that incorporates process and outcome evaluation.
- Apply motivational interviewing techniques in one-to-one behavioural support interactions.
- Demonstrate the ability to code use of behaviour change theories, constructs and techniques in real-world contexts.
- Create, implement and evaluate a knowledge translation plan that aims to ensure research is used in practice to improve the health of individuals and communities.

### Additional learning outcomes for Clinical Exercise Physiology (CEP) Concentration

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- Understand pathophysiology of chronic health conditions and the role of exercise in the management of these conditions.
- Conduct and interpret assessments of health, fitness and performance status for healthy individuals, those at-risk of disease and those with one or more chronic condition.
- Prescribe safe and effective exercise therapy, rehabilitation programs and health and wellness interventions that specifically modify disease and promote long-term health and fitness in individuals living with chronic conditions.
- Administer safe and effective group and individualized exercise training programs, ensuring appropriate levels of patient care, functional health and exercise monitoring and suitable use of equipment and technology.
- Design, implement and evaluate evidence-based methods for lifelong health promotion & disease prevention, including implementation of strategies to promote healthy living, physical activity and holistic health through patient, client and community education.
- Demonstrate leadership and professionalism in the practice of clinical exercise physiology, including knowledge of and adherence to relevant legal, professional and policy standards, as well as skill in clinical communication, teamwork and organizational management.

**General Requirements**

Prior to registration in HES 493 and HES 494, students must complete a criminal record check in the province where they will be placed for their practicum no more than twelve months prior to the course start date.

This record check must clear the student to work with children and vulnerable adults. In addition, students must have a current CPR-C certification and they must purchase UBC's Student Accident Insurance. Detailed information is available on the School of Health and Exercise Sciences website.

Applicants and students who have a criminal record may be required to withdraw from the program.

**Bachelor of Health and Exercise Sciences Program for students entering the program in 2022/2023 or later > Academic Regulations****Academic Regulations**

In addition to the general policies and regulations set out in Policies and Regulations (<http://www.calendar.ubc.ca/okanagan/index.cfm> <http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,0,0,0>), the following academic regulations listed apply to undergraduate students in this Faculty.

**Academic Standing**

Supplementary to the University's policy on Academic Standing (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,41,91,0>), the regulations below are applicable to the B.H.E.S.

Academic performance is evaluated based on coursework over a session. Sessional evaluations occur in April and will evaluate academic performance for the entire Winter Session (September to April).

Four standings can result from the sessional evaluation: Good Standing, Dean's Honour Roll, On Academic Probation, and Failed. Sessional evaluation standings are recorded on the academic record and are the student's official standing with the university. A student's sessional evaluation outcome is the standing under which the student will return to or continue studies under.

**On Academic Probation**



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On Academic Probation standing will be assigned at the end of the Winter Session (April) based on performance in that Winter Session (September – April). The evaluation will consider all courses taken in the session.

On Academic Probation will be assigned to a student who has either:

- earned a sessional average of less than 60% in Health and Exercise Sciences (HES) coursework only; or
- earned an overall sessional average of less than 60%

A student placed On Academic Probation standing in the sessional evaluation will normally be allowed to register in a maximum of 9 credits in their first term of the following Winter Session. This restriction may be waived at the discretion of the Faculty.

A student with any previous sessional standing in the program of On Academic Probation and who earns another On Academic Probation will be automatically changed to Failed standing and required to withdraw or discontinue.

**Failed Standing**

Failed standing will be assigned at the end of the Winter Session (April) based on performance in that Winter Session (September – April). The evaluation will consider all courses taken in the session.

Failed standing will be assigned to a student who has:

- a sessional average of less than 60% in Health and Exercise Sciences coursework; and
- an overall sessional average less than 60%; or
- a previous sessional standing of Academic Probation or Failed standing and receives another sessional evaluation of Academic Probation

A student placed on Failed standing for the first time will normally be required to discontinue their studies for a period of one academic year (12 months) prior to resuming their program of study. A student who already has a Failed standing on their academic record (from any UBC program) will be required to withdraw from the University and may only be readmitted under the Advancement Regulations (<http://www.calendar.ubc.ca/okanagan/?tree=3,41,93,0>).

**Dean's Honour Roll**

Students in any Winter Session with a sessional average of at least 80% while taking 27 or more credits will receive the notation "Dean's Honour Roll" on their official transcript of academic record. Examples: Sessional Evaluation Standings Impact on Progression The below table is provided to assist in applying the sessional evaluation rules and standings in a visual format. These are examples only and not inclusive of every scenario.

|   |  |   |
|---|--|---|
| N/A (new student)                                 |  | Academic Probation (reduced credit load requirement)              |
| Academic Probation                                | Failed Standing (previous Academic Probation standing with another sessional evaluation of Academic Probation) | Failed Standing (reduced credit load requirement 12 months later) |
| Failed Standing (in any year of study or program) | Failed Standing (previous failed session with another Sessional Evaluation of Academic Probation)              | Failed Standing (Required to Withdraw)                            |



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|  |  |   |
|--|--|---|
| Good Standing (no previous session of Academic Probation or Failed Standing)   | Academic Probation                     | Academic Probation (reduced credit load requirement)          |
| Good Standing (with previous session of Academic Probation or Failed Standing) | Failed Standing - Required to withdraw | Failed Standing (reviewed for future eligibility to continue) |

## Bachelor of Health and Exercise Sciences Program for students entering the program in 2022/2023 or later > Degree Requirements

### *Degree Requirements*

To qualify for the Bachelor of Health and Exercise Sciences (B.H.E.S.) degree, students must:

- satisfy all the B.H.E.S. program requirements at the UBC Okanagan campus or elsewhere;
- satisfy at least 50% of the credits for the B.H.E.S program while registered in the program<sup>1</sup>;
- complete at least one 3-credit elective course in Indigenous Studies;
- complete a minimum of 30 upper-level (300/400) credits in HES courses;
- complete 48 credits at the 300/400 level, of which 12 credits must be 300/400 level outside of HES;
- 30 of these 48 credits<sup>1</sup> must be completed at UBC; and
- complete 120 credits.

### *B.H.E.S. program course requirements without a concentration*

At completion of this degree without a concentration, students will be able to:

- Integrate and apply foundational knowledge to enhance and promote human health.
- Understand the interdisciplinary nature of human health in including psychological, physiological, neuromechanical and socio-cultural aspects of movement.
- Conduct and interpret assessments of health and fitness for the general population.
- Understand, critique and apply evidence-based practice to improve the health of society.
- Demonstrate critical thinking and problem solving skills.

|          |  |   |
|----------|--|---|
| HES 100  | Foundations of Health and Exercise Science | 3 |
| HES 101  | Human Physiology I                         | 3 |
| HES 120  | Introduction to Human Anatomy              | 3 |
| HES 130  | Social Determinants of Health              | 3 |
| HES 102  | Biomechanics                               | 3 |
| HES 105  | Exercise Physiology I                      | 3 |
| HES 111  | Human Physiology II                        | 3 |
| HES 131  | Exercise Psychology                        | 3 |
| ENGL XXX | 3 credits of 100-level English             | 3 |



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|                  |    |
|------------------|----|
| Non-HES Elective | 3  |
| Total Credits    | 30 |

|   |  |    |
|---|--|----|
| HES 200                                     | Introduction to Nutrition  | 3  |
| HES 201                                     | Exercise Counselling & Behaviour Modification  | 3  |
| HES 202                                     | Motor Behaviour  | 3  |
| HES 203                                     | Lifespan Development   | 3  |
| HES 211                                     | Exercise Testing   | 3  |
| HES 212                                     | Exercise Training, Conditioning and Rehabilitation for Health, Fitness and Performance | 3  |
| HES 231                                     | Exercise Counselling & Behaviour Modification  | 3  |
| HES 240                                     | Health Research Methods  | 3  |
| 2 Electives (at least one non-HES Elective) |  | 6  |
| Total Credits                               |  | 30 |

|   |  |    |
|---|--|----|
| INDG 319  | Indigenous Perspectives on Health and Physical Activity (or another approved Indigenous Health Elective - e.g., INDG 309/HINT 408) | 3  |
| HES 340   | Quantitative Data Analysis   | 3  |
| 18 Electives;<br>• Minimum 15 upper-level;<br>• Minimum of 3 and maximum of 6 Non-HES Electives |  | 54 |
| Total Credits   |  | 60 |

Students can opt to pursue one of three areas of concentration - Clinical Exercise Physiology, Kinesiology and Allied Health or Health Behaviour Change - and satisfy the course requirements of the area of concentration.

To enter into a concentration, students must have a minimum GPA requirement of 70% in all required lower level courses. To complete the concentration students will have to maintain a GPA of 75% in the required courses and pass the applicable competencies necessary to begin practicum in each respective concentration. If a student fails to meet any of the above criteria they can complete the Bachelor of Health and Exercise Sciences without a concentration. Enrolment in each concentration is limited. Applications for admission to a concentration must be submitted by the end November (Winter Term 1) once students have at least 2nd Year standing.

**Non-Health and Exercise Science Electives**

Many 300/400-level courses require 100/200-level prerequisites, and therefore all non-HES electives should be selected carefully.

**Overloading**



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A student must apply in writing to the School of Health and Exercise Sciences for permission to register in more than 36 credits in a Winter Session or 12 credits in a Summer Session.

<sup>1</sup>Courses taken while studying at another institution on a Senate-approved exchange program may satisfy this requirement.

**Areas of Concentration**

**Kinesiology and Allied Health**

This concentration focuses on the role of exercise and physical activity in improving health, fitness and performance as well as the prevention and rehabilitation of injuries. At completion of this concentration students will be able to:

- Demonstrate professionalism and leadership in exercise testing and prescription to enhance health and/or recovery from illness and injury.
- Exhibit extensive knowledge of human anatomy and apply this knowledge in the prevention and treatment of musculoskeletal injuries.
- Integrate and apply knowledge, skills and judgment to provide competent services through the continuum of care.
- Effectively communicate and collaborate with others to achieve common goals in the provision of kinesiology and allied health services.
- Demonstrate professional and ethical care in working with clients to enhance health and wellbeing.

Students in the Kinesiology and Allied Health concentration are required to complete the following coursework including a total of 11 Electives (33 credits). Of these 11 Electives, a minimum of 5 must be upper-level and of these a minimum of 3 of these upper level electives must be non-HES.

|                  |  |    |
|------------------|--|----|
| HES 100          | Foundations of Health and Exercise Science | 3  |
| HES 101          | Human Physiology I                         | 3  |
| HES 120          | Introduction to Human Anatomy              | 3  |
| HES 130          | Social Determinants of Health              | 3  |
| HES 102          | Biomechanics                               | 3  |
| HES 105          | Exercise Physiology I                      | 3  |
| HES 111          | Human Physiology II                        | 3  |
| HES 131          | Exercise Psychology                        | 3  |
| ENGL XXX         | 3 credits of 100-level English             | 3  |
| Non-HES Elective |  | 3  |
| Total Credits    |  | 30 |

|         |   |   |
|---------|---|---|
| HES 200 | Introduction to Nutrition                     | 3 |
| HES 201 | Exercise Counselling & Behaviour Modification | 3 |
| HES 202 | Motor Behaviour                               | 3 |
| HES 203 | Lifespan Development                          | 3 |



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|                      |  |           |
|----------------------|--|-----------|
| HES 211              | Exercise Testing   | 3         |
| HES 212              | Exercise Training, Conditioning and Rehabilitation for Health, Fitness and Performance | 3         |
| HES 231              | Exercise Counselling & Behaviour Modification  | 3         |
| HES 240              | Health Research Methods  | 3         |
| HES 220              | Introduction to Athletic Injury  | 3         |
| Non-HES Elective     |  | 3         |
| <b>Total Credits</b> |  | <b>30</b> |

|                      |  |           |
|----------------------|--|-----------|
| INDG 319             | Indigenous Perspectives on Health and Physical Activity (or another approved Indigenous Health Elective - e.g., INDG 309/HINT 408) | 3         |
| HES 305              | Exercise Physiology II   | 3         |
| HES 311              | Pathophysiology  | 3         |
| HES 320              | Functional Anatomy   | 3         |
| HES 321              | Lab Techniques in Health and Exercise Science  | 3         |
| HES 340              | Methods of Data Analysis   | 3         |
| HES 371              | Professional Practice in Health and Exercise Science   | 3         |
| 3 Electives          |  | 9         |
| <b>Total Credits</b> |  | <b>30</b> |

|                      |   |           |
|----------------------|---|-----------|
| HES 420              | Advanced Functional Anatomy                         | 3         |
| HES 471              | Professional Ethics in Health and Exercise Sciences | 3         |
| HES 493              | Community Practicum                                 | 6         |
| 6 Electives          |   | 18        |
| <b>Total Credits</b> |   | <b>30</b> |

**Health Behaviour Change**

This concentration focuses on understanding and applying evidence-informed behaviour change theory and techniques to help individuals and communities adopt and adhere to a number of health behaviours. At completion of this concentration students will be able to:

- Demonstrate professionalism and leadership in working with individuals to change behaviour through the integration of exercise prescription with behaviour change techniques to enhance adherence.
- Design a health behaviour change intervention based on theory.
- Understand the role of evaluation within community-based programming.
- Apply motivational interviewing techniques in one-to-one behavioural support interactions.
- Demonstrate the ability to code use of behaviour change theories, constructs and techniques in real-world contexts.
- Create, implement and evaluate a knowledge translation plan that aims to ensure research is used in practice to improve the health of individuals and communities.



Students in the Health Behaviour Change concentration are required to complete the following coursework including a total of 12 Electives (36 credits). Of these 12 Electives, a minimum of 6 must be upper-level and of these a minimum of 3 of these upper level electives must be non-HES.

|                      |  |           |
|----------------------|--|-----------|
| HES 100              | Foundations of Health and Exercise Science | 3         |
| HES 101              | Human Physiology I                         | 3         |
| HES 120              | Introduction to Human Anatomy              | 3         |
| HES 130              | Social Determinants of Health              | 3         |
| HES 102              | Biomechanics                               | 3         |
| HES 105              | Exercise Physiology I                      | 3         |
| HES 111              | Human Physiology II                        | 3         |
| HES 131              | Exercise Psychology                        | 3         |
| ENGL XXX             | 3 credits of 100-level English             | 3         |
| Non-HES Elective     |  | 3         |
| <b>Total Credits</b> |  | <b>30</b> |

|                      |  |           |
|----------------------|--|-----------|
| HES 200              | Introduction to Nutrition  | 3         |
| HES 201              | Exercise Counselling & Behaviour Modification  | 3         |
| HES 202              | Motor Behaviour  | 3         |
| HES 203              | Lifespan Development   | 3         |
| HES 211              | Exercise Testing   | 3         |
| HES 212              | Exercise Training, Conditioning and Rehabilitation for Health, Fitness and Performance | 3         |
| HES 231              | Exercise Counselling & Behaviour Modification  | 3         |
| HES 240              | Health Research Methods  | 3         |
| HES 232              | Introduction to Community Programming  | 3         |
| Non-HES Elective     |  | 3         |
| <b>Total Credits</b> |  | <b>30</b> |

|          |  |   |
|----------|--|---|
| INDG 319 | Indigenous Perspectives on Health and Physical Activity (or another approved Indigenous Health Elective - e.g., INDG 309/HINT 408) | 3 |
| HES 331  | Motivational Interviewing  | 3 |
| HES 332  | Advanced Theories of Behaviour Change  | 3 |
| HES 333  | Health Program Evaluation  | 3 |
| HES 340  | Methods of Data Analysis   | 3 |
| HES 371  | Professional Practice in Health and Exercise Science   | 3 |



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|               |    |
|---------------|----|
| 4 Electives   | 12 |
| Total Credits | 30 |

|               |   |    |
|---------------|---|----|
| HES 433       | Knowledge Translation                               | 3  |
| HES 471       | Professional Ethics in Health and Exercise Sciences | 3  |
| HES 493       | Community Practicum                                 | 6  |
| 6 Electives   |   | 18 |
| Total Credits |   | 30 |

**Clinical Exercise Physiology**

This concentration focuses on the role of exercise and physical activity in the prevention, rehabilitation, and management of a variety of chronic conditions. At completion of this concentration students will have a comprehensive understanding of the pathophysiology of chronic health conditions and the role of exercise in the management of these conditions and be able to:

- Conduct and interpret assessments of health, fitness and performance status for healthy individuals, those at-risk of disease and those with one or more chronic condition.
- Prescribe safe and effective exercise therapy, rehabilitation programs and health and wellness interventions that specifically modify disease and promote long-term health and fitness in individuals living with chronic conditions.
- Administer safe and effective group and individualized exercise training programs, ensuring appropriate levels of patient care, functional health and exercise monitoring and suitable use of equipment and technology.
- Design, implement and evaluate evidence-based methods for lifelong health promotion & disease prevention, including implementation of strategies to promote healthy living, physical activity and holistic health through patient, client and community education.
- Demonstrate leadership and professionalism in the practice of clinical exercise physiology, including knowledge of and adherence to relevant legal, professional and policy standards, as well as skill in clinical communication, teamwork and organizational management.

Students in the Clinical Exercise Physiology concentration are required to complete the following coursework:

|                  |  |   |
|------------------|--|---|
| HES 100          | Foundations of Health and Exercise Science | 3 |
| HES 101          | Human Physiology I                         | 3 |
| HES 120          | Introduction to Human Anatomy              | 3 |
| HES 130          | Social Determinants of Health              | 3 |
| HES 102          | Biomechanics                               | 3 |
| HES 105          | Exercise Physiology I                      | 3 |
| HES 111          | Human Physiology II                        | 3 |
| HES 131          | Exercise Psychology                        | 3 |
| ENGL XXX         | 3 credits of 100-level English             | 3 |
| Non-HES Elective |  | 3 |



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|               |  |    |
|---------------|--|----|
| Total Credits |  | 30 |
|               |  |    |
| HES 200       | Introduction to Nutrition  | 3  |
| HES 201       | Exercise Counselling & Behaviour Modification  | 3  |
| HES 202       | Motor Behaviour  | 3  |
| HES 203       | Lifespan Development   | 3  |
| HES 211       | Exercise Testing   | 3  |
| HES 212       | Exercise Training, Conditioning and Rehabilitation for Health, Fitness and Performance   | 3  |
| HES 231       | Exercise Counselling & Behaviour Modification  | 3  |
| HES 240       | Health Research Methods  | 3  |
| HES 250       | Clinical Assessment  | 3  |
| HES 311       | Pathophysiology  | 3  |
| Total Credits |  | 30 |
|               |  |    |
| INDG 319      | Indigenous Perspectives on Health and Physical Activity (or another approved Indigenous Health Elective - e.g., INDG 309/HINT 408) | 3  |
| HES 371       | Professional Practice in Health and Exercise Science   | 3  |
| HES 351       | Clinical Exercise Physiology   | 3  |
| HES 352       | Exercise Testing of Clinical Populations   | 3  |
| HES 353       | Clinical Exercise Prescription   | 3  |
| HES 354       | Clinical Exercise Physiology Applications in Chronic Conditions: Cardiovascular Diseases   | 3  |
| HES 355       | Clinical Exercise Physiology Applications in Chronic Conditions: Endocrinology & Metabolic Disorders                               | 3  |
| HES 356       | Health Behaviour Change for Chronic Disease Management   | 3  |
| HES 493       | Community Practicum  | 6  |
| Total Credits |  | 30 |
|               |  |    |
| HES 471       | Professional Ethics in Health and Exercise Sciences  | 3  |
| HES 453       | Clinical Exercise Physiology Applications in Chronic Conditions: Musculoskeletal and Neurological Diseases & Disorders             | 3  |
| HES 454       | Clinical Exercise Physiology Applications in Chronic Conditions: Respiratory Disease   | 3  |
| HES 455       | Clinical Exercise Physiology Applications in Chronic Conditions: Oncology  | 3  |
| HES 459       | Clinical Exercise Physiology Advanced Practice   | 3  |
| HES 494       | Advanced Community Practicum   | 15 |
| Total Credits |  | 30 |



## **Promotion Requirements**

### **Promotion to Second Year**

Successful completion of 24 or more credits which must include first-year Health and Exercise Sciences core courses: HES 101, HES 111, HES120.

### **Promotion to Third Year**

Successful completion of 48 or more credits which must include 3 credits of first-year English and second-year Health and Exercise Sciences courses: HES 201, HES 202, HES 231, HES 211 and HES 212.

### **Promotion to Fourth Year**

Successful completion of 78 or more credits.

### **Minor Programs**

Students who wish to focus their non-HES electives may undertake an optional minor program in conjunction with the B.H.E.S. degree. All courses in the minor must be taken outside of Health and Exercise Sciences.

Students completing the B.H.E.S. may complete a Minor in Arts or Science. Students must pay particular attention to the number of upper-level credits required for a minor versus the number of credits available in their upper-level non-HES electives. Careful planning is required. Students are advised to seek assistance from Academic Advising to ensure appropriate program planning.

#### **Minor in Arts**

An acceptable program must comprise courses in the Faculty of Arts and Sciences or the Faculty of Creative and Critical Studies that are for credit toward a B.A. degree, and consists of 18 upper-level credits in a single subject field or specialization. Students should design a coherent, academically sound course of studies for their minor. All courses must be acceptable for a B.A. major in the subject area or field, but a student is not bound by the other requirements that the Faculty of Arts and Sciences or the Faculty of Creative and Critical Studies sets for a major or minor in the field. Students who wish to pursue a minor in Arts should be aware of the prerequisites for many of the upper-level courses in Arts. Upon successful completion of the minor program, the notation "Minor in Arts" will be denoted on the student's transcript.

#### **Minor in Science**

An acceptable program must comprise courses in the Faculty of Arts and Sciences that are for credit toward a B.Sc. degree, and consists of 18 upper-level credits in a single subject field or specialization. Students should design a coherent, academically sound course of studies for their minor. All courses must be acceptable for a B.Sc. major in the subject area or field, but a student is not bound by the other requirements that the Faculty of Arts and Sciences sets for a major or minor in the field. Students who wish to pursue a Minor in Science should be aware of the prerequisites for many of the upper-level courses in Science. Upon successful completion of the minor program, the notation "Minor in Science" will be denoted on the student's transcript.

### **Bachelor of Health and Exercise Sciences Honours Program**

The B.H.E.S. Honours Program will enable high-achieving students in Health and Exercise Sciences to gain additional research experience through the completion of an Honours thesis. Honours students will be required to complete a substantive research project and to prepare a thesis based on that project under the supervision of a faculty member.



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**Admission Requirements**

Admission of students to the Honours Program will be on a competitive basis. A limited number of students will be accepted each year based on compatibility with research interests of potential supervisors and supervisor availability. Students must meet the following requirements:

- Fourth-year standing by the fall term when commencing the honours program;
- Minimum weighted average of 80% from all second and third year Health and Exercise Sciences courses\*;
- Minimum weighted average of 80% over the last 60 credits\*;
- Acceptance by a supervisor approved by the Director;
- Completion of HES 240, HES 340 with a minimum grade of 80% in each. \*In courses taken twice, the higher grade only will be calculated into the weighted average

**Graduation Requirements**

- All general program requirements for the B.H.E.S. degree;
- Minimum weighted average of 80% over the last 30 credits;
- Completion of HES 491 (Honours Program Seminar)
- Completion of HES 492 (Honours Thesis)

**Bachelor of Health and Exercise Sciences Program for students entering the program in 2022/2023 or later > Dual Degree Program Option: Bachelor of Health and Exercise Sciences and Master of Management**

This dual degree program option offers qualified students the opportunity to earn, in one program of study, an undergraduate HES degree from the Faculty of Health and Social Development and a Master of Management degree from the Faculty of Management. This dual degree program option can be completed in four and one half years through intensive study and scheduling that includes one summer of study following the completion of their undergraduate program requirements. During the period of undergraduate study, admitted students are required to complete MGMT 100 Introduction to Business and MGMT 110 Introduction to Management Thought and Social Responsibility and at least two intensive, week-long workshops. The workshops are offered over summer terms, are self-contained, and can be completed in any order. Workshops will focus on personal development, and enable critical thinking on equity, inclusion, diversity, enculturation, emotional intelligence, social interaction, metacognition, research, inquiry, sensibility, sustainability, well-being, communication, and presentation. These workshops will emphasize social and economic issues in ways that link theory and practice.

Additional fees are required for the dual degree program option. Further information is available in the Faculty of Management (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,287,1108,0>) section of the Academic Calendar.

**Bachelor of Health and Exercise Sciences Program for students entering the program in 2022/2023 or later > Communications and Rhetoric (Undergraduate Certificate)**

Available to all students in the Bachelor of Human Kinetics program. Consult the Faculty of Creative and Critical Studies for information on the Undergraduate Certificate in Communications and Rhetoric (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,283,1107,0>).

**Bachelor of Human Kinetics Program for students who entered the program in 2021/2022 or earlier**



## Bachelor of Human Kinetics Program for students who entered the program in 2021/2022 or earlier > Introduction

Human Kinetics is a discipline focused on the comprehensive study and practice of human movement and exercise, and its impact on health and physical performance. Accordingly, Human Kinetics at the UBC Okanagan campus will promote an interdisciplinary understanding of health and human movement, drawing on both the social and natural sciences. The aim is the development of knowledge and practical skills related to community health promotion; and chronic disease prevention and rehabilitation through the use of lifestyle management, focusing on physical activity and nutrition programming. As a program within the Faculty of Health and Social Development, Human Kinetics will be dedicated to creating and advancing knowledge that promotes healthy individuals and communities through physical activity.

The Bachelor of Human Kinetics (B.H.K.) is a 120-credit degree program, with third- and fourth-year concentrations in [Clinical Exercise Physiology](#) and [Health Promotion](#).

The Human Kinetics program emphasizes interdisciplinary and interprofessional approaches to the study of physical activity and health. The curriculum includes core, concentration, and elective courses, giving students common foundational knowledge as well as the opportunity to complement their choice of specialization with courses of personal interest.

Graduates will find work within local, national, and international health and government organizations, pursue graduate studies, or enter health professions.

## Bachelor of Human Kinetics Program for students who entered the program in 2021/2022 or earlier > Admission Requirements

Application for admission to the Bachelor of Human Kinetics must be made through Enrolment Services. Procedures, policies, and admission requirements of the UBC Okanagan campus and the Bachelor of Human Kinetics are specified in Admissions (<http://www.ca.ubc.ca/okanagan/index.cfm?tree=2,0,0,0>).

## Bachelor of Human Kinetics Program for students who entered the program in 2021/2022 or earlier > General Requirements

Prior to registration in HMKN 401/HMKN 402, all students must complete a criminal record check in the province where they will be placed for their practicum no more than twelve months prior to the course start date.

This record check must clear the student to work with children and vulnerable adults. In addition, students must have a current CPR-C certification and they must purchase UBC's Student Accident Insurance. Detailed information is available on the School of Health and Exercise Sciences website (<http://hes.ok.ubc.ca/practicum-and-coop/>).

Applicants and students who have a criminal record may be required to withdraw from the program.

## Bachelor of Human Kinetics Program for students who entered the program in 2021/2022 or earlier > Academic Regulations

In addition to the general policies and regulations set out in Policies and Regulations (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,0,0,0>), the following academic regulations listed apply to undergraduate students in this Faculty.



## Academic Standing

Supplementary to the University's policy on Academic Standing (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,41,91,0>), the regulations below are applicable to B.H.K. students in this Faculty who began their B.H.K. studies the same year as this Calendar. Students in Year 2 and beyond should refer to the archived Academic Calendars (<http://www.calendar.ubc.ca/archive/okanagan>) for the applicable Academic Standing regulations based on their B.H.K. Year 1 academic year.

Academic performance is evaluated based on coursework over a session. Sessional evaluations occur in April and will evaluate academic performance for the entire Winter Session (September to April).

Four standings can result from the sessional evaluation: Good Standing, Dean's Honour Roll, On Academic Probation, and Failed. Sessional evaluation standings are recorded on the academic record and are the student's official standing with the university. A student's sessional evaluation outcome is the standing under which the student will return to or continue studies under.

### On Academic Probation

On Academic Probation standing will be assigned at the end of the Winter Session (April) based on performance in that Winter Session (September – April). The evaluation will consider all courses taken in the session.

On Academic Probation will be assigned to a student who has:

- earned a sessional average of less than 60% in Human Kinetic coursework (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,346,1061,1287>) only; or
- earned an overall sessional average of less than 60%

A student placed On Academic Probation standing in the sessional evaluation will normally be allowed to register in a maximum of 9 credits in their first term of the following Winter Session. This restriction may be waived at the discretion of the Faculty.

A student with any previous sessional standing in the program of On Academic Probation and who earns another On Academic Probation will be automatically changed to Failed standing and required to withdraw or discontinue.

### Failed Standing

Failed standing will be assigned at the end of the Winter Session (April) based on performance in that Winter Session (September – April). The evaluation will consider all courses taken in the session.

Failed standing will be assigned to a student who has:

- a sessional average of less than 60% in Human Kinetic coursework (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,346,1061,1287>); and
- an overall sessional average less than 60%; or
- a previous sessional standing of Academic Probation or Failed standing and receives another sessional evaluation of Academic Probation

A student placed on Failed standing for the first time will normally be required to discontinue his or her studies for a period of one academic year (12 months) prior to resuming his or her program of study. A student who already has a Failed standing on his or her academic record (from any UBC program) will be required to withdraw from the University and may only be readmitted under the



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Advancement Regulations (<http://www.calendar.ubc.ca/okanagan/?tree=3,41,93,0>).

Courses taken in the Summer Session are not taken into consideration for assigning Failed standing.

**Dean's Honour Roll**

Students in any Winter Session with a sessional average of at least 80% while taking 27 or more credits will receive the notation "Dean's Honour Roll" on their official transcript of academic record.

**Examples: Sessional Evaluation Standings Impact on Progression**

The below table is provided to assist in applying the sessional evaluation rules and standings in a visual format. These are examples only and not inclusive of every scenario.

|  |  |   |
|--|--|---|
| N/A (new student)  |  | Academic Probation (reduced credit load requirement)              |
| Academic Probation   | Failed standing (previous Academic Probation standing with another sessional evaluation of Academic Probation) | Failed standing (reduced credit load requirement 12 months later) |
| Failed standing (in any year of study or program)                              | Failed standing (previous failed session with another Sessional Evaluation of Academic Probation)              | Failed standing (Required to Withdraw)                            |
| Good Standing (no previous session of Academic Probation or Failed standing)   | Academic Probation   | Academic Probation (reduced credit load requirement)              |
| Good Standing (with previous session of Academic Probation or Failed standing) | Failed standing - Required to withdraw   | Failed standing (reviewed for future eligibility to continue)     |

**Bachelor of Human Kinetics Program for students who entered the program in 2021/2022 or earlier > Degree Requirements**

To qualify for the Bachelor of Human Kinetics (B.H.K.) degree, students must:

- satisfy all the B.H.K. program requirements by completing studies whether at the UBC Okanagan campus or elsewhere;
- satisfy at least 50% of the credits for the B.H.K. program while registered in the program<sup>1</sup>;
- complete a minimum of 30 upper-level (300/400) credits in HMKN courses;
- complete 48 credits at the 300/400 level, of which 12 credits must be 300/400 level outside of HEAL or HMKN;
- 30 of these 48 credits<sup>1</sup> must be completed at UBC; and
- complete 120 credits.

**Note:** Students may complete HMKN 401 (Community Placement Experience), HMKN 402 (Advanced Placement Experience), or HMKN 499 (Project in Human Kinetics) while studying at another institution on a Senate-approved exchange program.



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Students must pursue one of two areas of concentration - Clinical Exercise Physiology or Health Promotion - and satisfy the course requirements of the area of concentration.

**Non-Human Kinetics Electives**

Many 300/400-level courses require 100/200-level prerequisites, and therefore all non-HMKN electives should be selected carefully.

**Overloading**

A student must apply in writing to the Faculty of Health and Social Development for permission to register in more than 36 credits in a Winter Session or 12 credits in a Summer Session.

<sup>1</sup>Courses taken while studying at another institution on a Senate-approved exchange program may satisfy this requirement.

**Areas of Concentration**

**Clinical Exercise Physiology**

This concentration focuses on the role of exercise in health and physical activity in the prevention, rehabilitation, and management of chronic disease. Students will study a variety of aspects of healthy aging as well as cardiovascular, respiratory, neurophysiology and muscular physiology, and pathology. Potential occupations include: kinesiologist, clinical exercise physiologist, rehabilitation specialist, exercise therapist, and personal trainer, among others. Graduates of the clinical exercise physiology concentration often work in conjunction with other health care providers such as physicians, cardiac rehabilitation specialists, and nutritionists, and also progress into professions such as medicine, physiotherapy, respiratory therapy, and occupational therapy. Many of the courses offered in the other concentration, Health Promotion, also provide knowledge and skills beneficial to this area.

Students in the Clinical Exercise Physiology concentration are required to complete a total of 66 credits of electives of which:

- 33 must be at the 300- or 400-level;
- 15 must be within Human Kinetics and
- 12 credits must be outside Health Studies and Human Kinetics.
- 6 credits can be coursework from any discipline.

Required courses for the Health Promotion concentration are also eligible electives.

|                                |  |           |
|--------------------------------|--|-----------|
| 3 credits of 100-level English |  | 3         |
| HMKN 105 or HES 108            | Canadian Health Care System                  | 3         |
| HMKN 100 or HES 100            | Health, Fitness, and Lifestyle               | 3         |
| HMKN 101 or HES 102            | Biomechanics                                 | 3         |
| HMKN 190 or HES 101            | Functional Anatomy and Applied Physiology I  | 3         |
| HMKN 191 or HES 111            | Functional Anatomy and Applied Physiology II | 3         |
| 12 credits of electives        |  | 12        |
| <b>Total Credits</b>           |  | <b>30</b> |
|                                |  |           |
| HEAL 200 or HES 130            | Determinants of Health                       | 3         |
| HMKN 200 or HES 105            | Exercise Physiology I                        | 3         |
| HMKN 201 or HES 131            | Exercise Psychology I                        | 3         |
| HMKN 202 or HES 202            | Human Motor Behaviour I                      | 3         |



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|                        |   |    |
|------------------------|---|----|
| HMKN 203 or HES 203    | Lifespan Physical and Motor Development | 3  |
| HMKN 205 or HES 340    | Methods of Data Analysis                | 3  |
| HMKN 206 or HES 240    | Health Research Methods                 | 3  |
| 9 credits of electives |   | 9  |
| Total Credits          |   | 30 |

|   |   |    |
|---|---|----|
| HMKN 310 or HES 305                       | Exercise Physiology II  | 3  |
| HMKN 311 or HES 201                       | Exercise Prescription   | 3  |
| One of HMKN 312 or HES 321<br>or HMKN 315 | Laboratory Techniques in Exercise Science<br>Laboratory Techniques in Sensorimotor Neuroscience | 3  |
| HMKN 335 or HES 311                       | Pathophysiology   | 3  |
| 18 credits of electives                   |   | 18 |
| Total Credits                             |   | 30 |

|   |   |    |
|---|---|----|
| 3 credits of HMKN 401 or HES 401, HMKN 499 or HES 490, HMKN 499 or HES 492 <sup>1</sup> | Community Placement Experience; Project in Human Kinetics; Undergraduate Honours Thesis | 3  |
| 27 credits of electives   |   | 27 |
| Total Credits   |   | 30 |

<sup>1</sup> Permission of the School of Health and Exercise Science is required. Students may take no more than 9 credits combined of HMKN 401 or HES 401, HMKN 402 or HES 402 and HMKN 499 or HES 492.

## Health Promotion

This concentration examines health from a multi-disciplinary perspective, including the physical, social-cultural, and psychological components of health, and the associated impact an individual's health has on the public health care system. This concentration teaches students how to promote a healthy lifestyle and improve many aspects of health throughout the lifespan using individual, community, and population level approaches. Health and exercise psychology, behavioural physical activity, health promotion, disease, health policy, health care systems, and nutrition are some of the topics included within this concentration. Potential occupations include: health services/policy worker, health promotion programmer, corporate/occupational health coordinator, active living coordinator, and social/health marketer, among others. These professionals work in a variety of health care and government organizations, and recreation and business centres in addition to schools. Many of the courses offered in the other concentration, Clinical Exercise Physiology, also provide knowledge and skills beneficial to this concentration.

Students in the Health Promotion concentration are required to complete a total of 66 credits of electives of which:

- 33 must be at the 300- or 400-level;
- 15 must be within Human Kinetics;
- 3 credits must be from Health Studies;
- 12 credits must be outside Health Studies and Human Kinetics.
- 3 credits can be coursework from any discipline.

Required courses for the Clinical Exercise concentration are also eligible electives.

|                                |                                |   |
|--------------------------------|--------------------------------|---|
| 3 credits of 100-level English |                                | 3 |
| HMKN 105 or HES 108            | Canadian Health Care System    | 3 |
| HMKN 100 or HES 100            | Health, Fitness, and Lifestyle | 3 |



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|                         |  |           |
|-------------------------|--|-----------|
| HMKN 101 or HES 102     | Biomechanics                                 | 3         |
| HMKN 190 or HES 101     | Functional Anatomy and Applied Physiology I  | 3         |
| HMKN 191 or HES 111     | Functional Anatomy and Applied Physiology II | 3         |
| 12 credits of electives |  | 12        |
| <b>Total Credits</b>    |  | <b>30</b> |

|                        |   |           |
|------------------------|---|-----------|
| HEAL 200 or HES 130    | Determinants of Health                  | 3         |
| HMKN 200 or HES 105    | Exercise Physiology I                   | 3         |
| HMKN 201 or HES 131    | Exercise Psychology I                   | 3         |
| HMKN 202 or HES 202    | Human Motor Behaviour I                 | 3         |
| HMKN 203 or HES 203    | Lifespan Physical and Motor Development | 3         |
| HMKN 205 or HES 340    | Methods of Data Analysis                | 3         |
| HMKN 206 or HES 240    | Health Research Methods                 | 3         |
| 9 credits of electives |   | 9         |
| <b>Total Credits</b>   |   | <b>30</b> |

15 credits of the following courses:

|                         |  |           |
|-------------------------|--|-----------|
| HMKN 303 or HES 333     | Health Program Evaluation                    | 3         |
| HEAL 305 or HES 384     | Socio-Cultural Aspects of Healthy Aging      | 3         |
| HEAL 307                | Global Health                                | 3         |
| HMKN 316 or HES 231     | Laboratory Techniques in Exercise Psychology | 3         |
| HMKN 421 or HES 332     | Advanced Theories of Health Behaviour Change | 3         |
| HMKN 322 or HES 322     | Health Promotion I                           | 3         |
| HMKN 323 or HES 200     | Introduction to Nutrition                    | 3         |
| HMKN 495N or HES 331    | Motivational Interviewing                    | 3         |
| 15 credits of electives |  | 15        |
| <b>Total Credits</b>    |  | <b>30</b> |

|   |   |           |
|---|---|-----------|
| 3 credits of HMKN 401 or HES 401, HMKN 499 or HES 490, HMKN 449 or HES 492 <sup>1</sup> | Community Placement Experience; Project in Human Kinetics; Undergraduate Honours Thesis | 3         |
| 27 credits of electives   |   | 27        |
| <b>Total Credits</b>  |   | <b>30</b> |

<sup>1</sup> Permission of the School of Health and Exercise Science is required. Students may take no more than 9 credits combined of HMKN 401 or HES 401, HMKN 402 or HES 402 and HMKN 499 or HES 492.

**Promotion Requirements**

**Promotion to Second Year**

Successful completion of 24 or more credits which must include first-year Human Kinetics core courses: HMKN 190 or HES 101 (3), and HMKN 191 (3) or HES 111 (3).

**Promotion to Third Year**

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Successful completion of 48 or more credits which must include 3 credits of first-year English and second-year Human Kinetics core courses: HMKN 200 (3) or HES 105, HMKN 201 (3) or HES 131, HMKN 202 (3) or HES 202, and HMKN 203 or HES 203 (3).

**Promotion to Fourth Year**

Successful completion of 78 or more credits.

**Minor Programs**

Students who wish to focus their non-Human Kinetics electives may undertake an optional minor program in conjunction with the B.H.K. degree. All courses in the minor must be taken outside of Human Kinetics.

Students completing the B.H.K. may complete a Minor in Arts (e.g., Gender and Women's Studies, Indigenous Studies, Psychology, Sociology, etc.) or Science (e.g., Biology, Chemistry).

Students must pay particular attention to the number of upper-level credits required for a minor versus the number of credits available in their upper-level non-HMKN/HES electives. Careful planning is required. Students are advised to seek assistance from Academic Advising to ensure appropriate program planning.

**Minor in Arts**

An acceptable program must comprise courses in the Faculty of Arts and Social Sciences or the Faculty of Creative and Critical Studies that are for credit toward a B.A. degree, and consists of 18 upper-level credits in a single subject field or specialization. Students should design a coherent, academically sound course of studies for their minor. All courses must be acceptable for a B.A. major in the subject area or field, but a student is not bound by the other requirements that the Faculty of Arts and Social Sciences or the Faculty of Creative and Critical Studies sets for a major or minor in the field. Students who wish to pursue a minor in Arts should be aware of the prerequisites for many of the upper-level courses in Arts.

Upon successful completion of the minor program, the notation "Minor in Arts" will be denoted on the student's transcript.

**Minor in Science**

An acceptable program must comprise courses in the Faculty of Science that are for credit toward a B.Sc. degree, and consists of 18 upper-level credits in a single subject field or specialization. Students should design a coherent, academically sound course of studies for their minor. All courses must be acceptable for a B.Sc. major in the subject area or field, but a student is not bound by the other requirements that the Faculty of Science sets for a major or minor in the field. Students who wish to pursue a Minor in Science should be aware of the prerequisites for many of the upper-level courses in Science.

Upon successful completion of the minor program, the notation "Minor in Science" will be denoted on the student's transcript.

**Bachelor of Human Kinetics Honours Program**

The B.H.K. Honours Program will enable high-achieving students in Health and Exercise Sciences to gain additional research experience through the completion of an Honours thesis. Honours students will be required to complete a substantive research project and to prepare a thesis based on that project under the supervision of a faculty member.

**Admission Requirements**

Admission of students to the Honours Program will be on a competitive basis. A limited number of students will be accepted each



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year based on compatibility with research interests of potential supervisors and supervisor availability. Students interested in being admitted into the Honours Program should formally apply in Term 2 of their 3rd year and must meet the following requirements:

- Third year standing at application time and fourth-year standing by the fall term when commencing the honours program;
- Minimum weighted average of 80% from all second and third year Human Kinetics courses\*;
- Minimum weighted average of 80% over the last 60 credits\*;
- Acceptance by a supervisor approved by the Director;
- Completion of HMKN 205 or HES 340, HMKN 206 or HES 240 with a minimum grade of 80% in each.

\*In courses taken twice, the higher grade only will be calculated into the weighted average

**Graduation Requirements**

- All general program requirements for the B.H.K. degree;
- Satisfy all course requirements for chosen area of concentration;
- Minimum weighted average of 80% over the last 30 credits;
- Completion of HMKN 403 or HES 491 (Honours Program Seminar)
- Completion of HMKN 449 or HES 492 (Honours Thesis)

**Bachelor of Human Kinetics Program for students who entered the program in 2021/2022 or earlier > Communications and Rhetoric (Undergraduate Certificate)**

Available to all students in the Bachelor of Human Kinetics program. Consult the Faculty of Creative and Critical Studies for information on the Undergraduate Certificate in Communications and Rhetoric (<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,283,1107,0>).

**Co-operative Education Program**

The Co-operative Education Program (Co-op) provides interested and qualified students with paid employment experience relevant to their future careers. The Co-op Program is an optional, year-round program supplementary to regular academic programs. For general program information, see Cooperative Education (Calendar page <http://127.0.0.1/okanagan/index.cfm?tree=19,352,0,0#17723>)

To graduate with a “Co-operative Education Program” designation on the transcript, a student must complete three work placement terms, including placements in Term 1 (September to December) and/or Term 2 (January to April) of a Winter Session. One Co-op term provides the student 3 credits toward their Co-op designation, and two Co-op terms provide 6 credits toward Co-op designation.

In order to provide flexibility to students, the Co-op Program offers students the option to take Co-op courses under the management Co-op MGCO code “Management Co-op Program” and/or the general COOP code “Co-operative Education”. Students should consult with the Co-op Coordinator about which course codes are most appropriate to their needs. The chosen course code will appear on the transcript.

Students wishing to enrol in the Co-op Program typically apply in the Winter Session, Term 1 of their third year, however other entry points may be possible if requested and will be evaluated on a case by case basis.

For admission into the Co-operative Education Program, students must have completed all their program requirements to date while maintaining an overall GPA of 70%. Academic performance and suitability for the work environment, as assessed by the Co-op Coordinator during the student intake process, will also be part of the selection criteria used for program admission. Total enrolment



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is subject to the availability of appropriate work term placements. Acceptance into the Co-op Program does not guarantee a work term placement.

Students admitted into the program can register in the appropriate Co-op course for each work term once a suitable work placement is confirmed and upon completion of mandatory pre-employment training, as assessed by the Co-op Coordinator. Pre-employment training includes workshops, assignments and activities.

Additionally, payment of the Co-op Program fee is mandatory. This includes a Co-op Program fee for each work term and a one-time pre-registration workshop fee (see Program and Course Fees (Calendar page <http://127.0.0.1/okanagan/index.cfm?tree=14,341,0,0#1536>)).

Each successfully completed co-op course is assigned 3 credits on a student's academic transcript. In order to graduate with a Co-operative Education Program designation, a student must complete a minimum of 9 Co-op credits (three work terms) in addition to the normal academic requirements of the Faculty (for HMKN students this means completing 120 academic credits AND 9 co-op credits).

HMKN majors who take less than 3 terms of the co-op option are eligible to enrol in HMKN 401/402 and/or HMKN 499 to complete their experiential learning requirements for the degree.

The Co-op Program typically necessitates an additional four months to one year to complete a bachelor's degree. Faculty Advisors or Co-op Coordinators visit students at their places of work and provide advice on the work term reports that are a requirement of the program.

Students transferring to UBC from accredited co-operative programs at other institutions may request admission to the Co-op Program and may receive credit for previously completed work placements to a maximum of 6 Co-op course credits (two work terms).

## Academic Staff

### Professors

**P. N. Ainslie**, B.Sc. (Glam.), M.Sc. (Lond.), Cert.Ed. (Liv.), Ph.D. (Liv.J.Moores)  
**G. Binsted**, B.H.K. (Br.Col.), M.Sc. (McM.), Ph.D. (Alta.)  
**N. D. Eves**, B.A., M.Sc., Ph.D. (Alta.)  
**J. M. Jakobi**, B.H.K. (Windsor), M.Sc. (York(Can.)), Ph.D. (W.Ont.)  
**K. A. Martin Ginis**, B.Sc. (Tor.), M.A. (W.Ont.), Ph.D. (Wat.)  
**A. McManus**, B.A., Ph.D. (Exeter)  
**R. E. Shave**, B.Sc. (Wolv.), M.Sc. (Frostburg), P.G.Cert (Brunel), Ph.D. (Wolv.)  
**P. van Donkelaar**, B.P.E. (Br.Col.), M.P.E. (Br.Col.), Ph.D. (Calg.)

### Associate Professors

**G. E. Foster**, B.H.K., M.Sc. (Br.Col.), Ph.D. (Calg.)  
**H. L. Gainforth**, B.Sc. (McM.), M.Sc., Ph.D. (Qu.)  
**M. E. Jung**, B.Kin. (McM.), M.Sc. (McM.), Ph.D. (Sask.)  
**J. P. Little**, B.Kin. (McM.), M.Sc. (Sask.), Ph.D. (McM.)  
**C. J. McNeil**, B.Sc., B.Ed., Ph.D. (W.Ont.)

### Assistant Professors

**B.H. Dalton**, B. Rec., M.Sc. (Nfld.), Ph.D. (W. Ont.)  
**R. C. Reid**, B.A., M.A., Ph.D. (Vic.(BC))



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**Associate Professor of Teaching**

**G. R. DuManoir**, B.Sc., M.Sc. (Alta.), Ph.D. (W.Ont.)  
**T. Forneris**, B.A., M.Sc. (New Br.), Ph.D. (VCU)  
**S. Willis-Stewart**, B.P.H. (Br.Col.), M.A. (W.Ont.), Ph.D. (Br.Col.)

**Assistant Professor of Teaching**

**M> MacNutt**, BSc (Acadia), MSc (UBC), PhD (UBC)  
**J. Sasso**, B.H.K. (University of Windsor), M.Kin (UofC), B.Ed. (Queen's), Ph.D(c) (UBC-O)

**Lecture**

**H. Connon**, BA. (University of Chichester), MSc (UNB), PhD (UNB)  
**G. Whitaker**, B.H.K. (SFU), PhD (UBC)

**Adjunct Professors**

**B. Monteleone**, B.Sc., M.D. (Br.Col.), M.Sc. (Vic.(BC)), Ph.D. (Calg.)

**Associate Professor Emeritus**

**A. Davidson**