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THE UNIVERSITY OF BRITISH COLUMBIA

# **UBC Vancouver**

# **ACADEMIC**

# **CALENDAR**

**2018/19**

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THE UNIVERSITY OF BRITISH COLUMBIA

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## Introduction

### *A School within the Faculty of Education*

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The School of Kinesiology offers undergraduate programs leading to the degree of Bachelor of Kinesiology. Graduate programs leading to the Doctor of Philosophy, Master of Arts, Master of Science, and Master of Kinesiology are also available. For details of these programs see [Kinesiology](#) in the Faculty of Graduate and Postdoctoral Studies. Provision can be made for completion of degree studies on a part-time basis or on a combination of full and part-time study.

### Undergraduate Program Changes

The following conditions apply to all B.H.K. and B.Kin. students.

1. Students entering their first year of the program in September 2011 or later must follow the program requirements for a B.Kin. degree as set out in the current edition of the Calendar.
2. Students who entered the B.H.K. program prior to September 2011 have the option of following the program requirements in the 2010/2011 Calendar (<http://www.calendar.ubc.ca/archive/vancouver/1011/index4e09.html?tree=12,205,352,0>) or selecting the program requirements for the B.Kin. degree in the current Calendar. For further information see the Kinesiology website (<http://www.kin.ubc.ca>). Information is also available through the Undergraduate Advising Centre, room 202, War Memorial Gymnasium.
3. Transfer students who started their postsecondary studies in September 2011 or later must meet the B.Kin. program requirements in the current edition of the Calendar.
4. Transfer students who started their postsecondary studies prior to September 2011 have the option of following the program requirements in the 2010/2011 Calendar (<http://www.calendar.ubc.ca/archive/vancouver/1011/index4e09.html?tree=12,205,352,0>) or selecting the program requirements for the B.Kin. degree in the current Calendar. All transfer students entering the B.Kin. program after September 2011 will need to meet the requirements of the current edition of the Calendar. For further information see the Kinesiology website (<http://www.kin.ubc.ca>). Information is also available through the Undergraduate Advising Centre, room 202, War Memorial Gymnasium.
5. Alumni who received a B.H.K. degree from UBC can elect to convert their degree to a B.Kin. degree by submitting an HKIN Alumni B.Kin. Degree Application Form (<http://secure.students.ubc.ca/senate/vancouver/hktokin.cfm>). For further information read the FAQ (<http://kin.educ.ubc.ca/alumni-donors/name-change-faqs/>) on the School's website.

## Bachelor of Kinesiology



## Bachelor of Kinesiology > Introduction

The Bachelor of Kinesiology program prepares students for academic specializations and career opportunities in kinesiology and health science, physical and health education, and interdisciplinary studies related to kinesiology.

## Bachelor of Kinesiology > Academic Advising

Students are responsible for the completeness and accuracy of their registration as it relates to the regulations of the B.Kin. program. Academic advising is available by drop-in or email. Contact the Undergraduate Advising Centre ([kin.advising@ubc.ca](mailto:kin.advising@ubc.ca)), War Memorial Gym, Room 202, 6081 University Boulevard, Vancouver, BC, V6T 1Z1; telephone 604.822.4512.

## Bachelor of Kinesiology > Admission

The School of Kinesiology has implemented a Broad-Based Admission policy that incorporates the use of supplementary criteria in addition to academic performance in the selection of students entering the Bachelor of Kinesiology degree program.

Detailed information on admission requirements for all applicants is available on the School of Kinesiology website (<http://www.kin.educ.ubc.ca/undergraduate>).

Admission of students into the Bachelor of Kinesiology program is based on academic performance and other accomplishments, including personal statements, demonstrated leadership skills, active participation in extracurricular activities, work experience, significant awards and achievements, and reference contacts.

### *Transfer Students*

Students who are accepted on transfer from other institutions must normally complete all remaining courses toward the Bachelor of Kinesiology at UBC. A maximum of 60 transfer credits will normally be granted. The University will not grant a degree for studies that represent less than the equivalent of two regular Winter Sessions (60 credits).

In general, transfer credit is limited to the initial two years of a degree program. Credit at a more senior level may be possible if prior written permission has been granted by the School's Undergraduate Advising Centre. A student wishing to take courses at another institution and transfer the credit toward a Bachelor of Kinesiology degree must first obtain a Letter of Permission from the School's Undergraduate Advising Centre. It is the student's responsibility to forward an official transcript to Enrolment Services, Admissions.

### *Registration and Program Approval*

Students are reminded of the University rule regarding program responsibility. Students are responsible for the completeness and accuracy of their registration as it is related to the regulations of the program of study in which they are enrolled. The following is a summary of the registration procedures for all kinesiology students.

1. Students should make all course changes through the online Student Service Centre (SSC) (<http://students.ubc.ca/ssc>) whenever possible. Kinesiology students must register into the appropriate waiting list section on the SSC for KIN courses that are full.
2. See Change of Registration (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=3,45,98,0#240>) for regulations regarding adding and dropping courses.
3. Kinesiology students are required to attend and confirm their registration in classes during the first week of each term. Students who do not attend the initial classes may be removed from the course.
4. Students are required to register in a minimum of 9 Kinesiology credits during each Winter Session.



5. In their second year, all students are required to choose a stream of study through the Student Service Centre (SSC).
6. Before registering in any course through Distance Education, Kinesiology students must consult the School's Undergraduate Advising Centre.

### *Limitation of Enrolment*

Enrolment may be limited in certain Kinesiology courses when the demand is greater than available resources. See Space in Courses (Calendar page <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=3,37,0,0#185>).

### *UBC Langara Aboriginal Transfer Partnership*

To be eligible to transfer into the Bachelor of Kinesiology program through this partnership (<http://transfer.aboriginal.ubc.ca/admissions/>), Aboriginal students must meet the general requirements for admission as a post-secondary transfer student (<http://you.ubc.ca/applying-ubc/canadian-highschools#basic>) as well as the following specific requirements:

- Successful completion of at least 24 transferable credits.
- An academic average of 2.67 or greater on the most recent 30 credits of transferable courses attempted, including failed and retaken courses. If in a particular year the competitive admission criteria is lower than 2.67, then the applicant will be evaluated against the lower admission criteria.
- Completion of required high school academic prerequisites. In some cases, university transferable coursework may satisfy these prerequisites.
- Successful completion of the Transition Plan offered by Langara in collaboration with UBC.

Applicants who do not meet these requirements may be considered for admission as a general transfer student (<http://you.ubc.ca/applying-ubc/canadian-highschools#basic>) and can be considered through UBC's Aboriginal Admissions Policy (Calendar page: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,14,0,0#49>).

For more information about the UBC Langara Partnership, please visit the website (<http://transfer.aboriginal.ubc.ca/admissions/>)

## **Bachelor of Kinesiology > Academic Regulations**

Students in all years are normally subject to general academic regulations in addition to others identified by the School.

### *Graduation Standing*

The categories of degree are Class 1 (80-100%), Class 2 (65-79%), and Pass (50-64%). For students enrolled prior to 2004, the calculation is based on the best 60 credits of 300-/400-level work, whereas for students enrolled in 2004 and later the calculation is based on the best 36 credits of 300-/400-level credits.

### *Withdrawal*

A student who withdraws from the University must seek permission from the School's Undergraduate Advising Centre.

### *Probation*



Probationary status will be assigned to a student:

1. who is readmitted to the School after having been required to withdraw, or
2. who passes the Winter Session, but fails in more than 6 credits of work or fails to achieve an overall average of 55% on all courses attempted.

The following regulations apply to students on probation:

1. Deficient program courses must be repeated during the year of probation;
2. Year status will be that of the majority of the credits being taken.
3. Program must be approved by an advisor after registration.
4. Students who do not pass the deficient courses within the probationary academic year will have their academic records reviewed and may be asked to withdraw from the School until the course deficiencies are completed.

### ***Supplemental Examinations***

Supplemental examinations are not granted for kinesiology courses.

### ***Unsatisfactory Standing***

Fail standing in a session will be assigned if a student does not meet one of the following conditions:

1. passes in all credits attempted; or
2. if taking more than 12 credits, passes in at least three-fifths of them and obtains an overall average of at least 60% in three-fifths of the credits taken; or
3. if taking 12 or fewer credits, passes in at least one-half of them.

At any level of study, a student who is assigned fail standing will be required to discontinue studies at the University for at least one year. A student who fails at the first- or second-year level will not normally be permitted to re-enrol to repeat that level of work, but if that level is completed successfully elsewhere, consideration will then be given to the student's readmission to the University. A student who fails for a second time, either in a repeating year or in a later year, will be required to withdraw from the University. After an absence of at least one full Winter Session (September through April), a student who has been required to withdraw may apply for readmission. Applications for readmission should be submitted to Enrolment Services. No student required to withdraw has an automatic right to readmission.

## **Bachelor of Kinesiology > Degree Requirements**

To qualify for the Bachelor of Kinesiology, students must:

1. satisfy all the B.Kin. program requirements by completing studies whether at UBC or elsewhere;
2. satisfy at least 50% of the credits for the B.Kin. program while registered in the program<sup>1</sup>;
3. complete a minimum of 30 upper-level (300/400) credits in KIN;
4. complete 48 upper-division UBC credits<sup>1</sup>; and
5. complete 120 credits.

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



Students must also successfully complete the following credits:

- ENGL 112 (3)
- Kinesiology Core: KIN 103 (3), 151 (3), 161 (3), 190 (3), 191 (3), 230 (3), 231 (3), 261 (3), 275 (3), 284 (3), 371 (3), 373 (3)
- Stream courses (see notes 1 to 3 below)
- Electives

At the beginning of the second year of study, students must select one of three streams: Kinesiology and Health Science, Physical and Health Education, and Interdisciplinary Studies. Students may change their stream of study after consulting with the School's Undergraduate Advising Centre. The following notes apply to the three streams of study:

1. All Bachelor of Kinesiology students must take ENGL 112 and 30 credits of Kinesiology core, and must satisfy the course requirements of the stream they select, as follows:
  1. Stream Requirements: those courses that are required by the stream of study.
  2. KIN Electives: KIN courses that the student may elect to take. See the School's Undergraduate Advising Centre for suggested specific electives.
  3. Non-Kinesiology Electives: courses taken outside of Kinesiology that the student may elect to take. See the School's Undergraduate Advising Centre for suggested specific electives.
2. KIN 454/455 (Field Experience). Prerequisite information for each KIN 454/455 section may be obtained at the School's Undergraduate Advising Centre.
3. Initial and Continuing Education Program. Requirements for the Faculty of Education initial and continuing education programs in Physical Education are listed in [The Faculty of Education](#).

### ***English Requirement***

Satisfactory completion of the Language Proficiency Index (LPI) examination is prerequisite to all first-year English courses at UBC (see [Language Proficiency Index Requirement for First-Year English](#)). All Bachelor of Kinesiology students must take ENGL 112.

### ***Part-Time Study***

As there are only a small number of courses offered in the evenings and during Summer Session, students will experience difficulty in completing a Bachelor of Kinesiology on a part-time basis. Students interested in part-time study should discuss their proposed studies with the School's Undergraduate Advising Centre.

### ***Prerequisites***

KIN at the 100-level are generally considered prerequisite to 200-level courses, and 200-level courses are generally prerequisite to 300-/400-level courses. 300-/400-level courses may be taken in any sequence unless otherwise specified. Many KIN courses have specific course prerequisites. Students who do not have proper prerequisites for a course may have their registration cancelled automatically. Course prerequisites apply to both part-time and full-time students.

### ***Non-Kinesiology Electives***

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

### ***Overloading***



A student must apply in writing to the School's Undergraduate Advising Centre for permission to register in more than 33 credits of work in a Winter Session or 12 credits of work in a Summer Session.

### Promotion Requirements

#### Promotion to Second Year

Successful completion of 24 or more credits, which must include all first-year KIN Core courses.

#### Promotion to Third Year

Successful completion of 48 or more credits, which must include ENGL 112 and all second-year KIN Core courses.<sup>1</sup>

#### Promotion to Fourth Year

Successful completion of 78 or more appropriate credits, which must include all third-year requirements.<sup>2</sup>

<sup>1</sup>In order to obtain third-year standing in Kinesiology and Health Science, students must complete 12 credits of first-year science in their first two years, in at least three of the following four areas: biology, chemistry, mathematics, and physics.

<sup>2</sup>In order to obtain fourth-year standing in Physical and Health Education, students must complete 6 credits of KIN 115 and 6 credits of KIN 215.

## Bachelor of Kinesiology > Kinesiology and Health Science

For students who are interested in the broad areas of human movement sciences, health, and fitness, and who want future certification as kinesiologists.

### Kinesiology and Health Science

First Year	
ENGL 112	3
KIN 103	3
KIN 151	3
KIN 161	3
KIN 190	3
KIN 191	3
Electives <sup>1,2</sup>	12
<b>Total Credits</b>	<b>30</b>
Second Year	
KIN 230	3
KIN 231	3
KIN 261	3
KIN 275	3
KIN 284	3
Electives <sup>1,2</sup>	15
<b>Total Credits</b>	<b>30</b>





Third Year	
Select 4 from KIN 303, 330, 351, 361, 375, 389	12
KIN 371	3
KIN 373	3
Electives <sup>2,3,4,5</sup>	12
<b>Total Credits</b>	<b>30</b>

Fourth Year	
Electives <sup>2,3,4,5</sup>	30
<b>Total Credits</b>	<b>30</b>

<sup>1</sup> In order to obtain third-year standing in Kinesiology and Health Science, students must complete 12 credits of first-year Science in their first two years in at least three of the following four areas: biology, chemistry, mathematics, and physics.

<sup>2</sup> Students planning to apply to professional health science programs such as Physiotherapy (<http://www.rehab.ubc.ca>) and Medicine ([http://www.med.ubc.ca/education/md\\_ugrad/MD\\_Undergraduate\\_Admissions.htm](http://www.med.ubc.ca/education/md_ugrad/MD_Undergraduate_Admissions.htm)) are strongly encouraged to determine the necessary undergraduate requirements that are available in other faculties such as Science and Arts.

<sup>3</sup> Students in the Kinesiology and Health Science stream must, as a minimum, complete an additional 18 credits of science in third and fourth years, of which at least 12 credits must be at the 300-/400-level. These credits must be recognized in the Faculty of Science as credits that could be used toward a Bachelor of Science degree.

<sup>4</sup> All students must complete 30 credits of KIN courses at the 300-/400-level.

<sup>5</sup> All students must complete 48 credits at the 300-/400-level.

## Bachelor of Kinesiology > Physical and Health Education

For students who are interested in teaching and instructing sports, physical activity, and active health in public and private agencies. The stream meets admission requirements for the Teacher Education Program in the Faculty of Education (See note 1 below).

### Physical and Health Education

First Year	
ENGL 112	3
KIN 103	3
KIN 115	6
KIN 151	3
KIN 161	3
KIN 190	3
KIN 191	3
Electives <sup>1,2</sup>	6
<b>Total Credits</b>	<b>30</b>

Second Year	
KIN 215	6
KIN 230	3
KIN 231	3
KIN 261	3
KIN 275	3
KIN 284	3
Electives <sup>1,2</sup>	9



Total Credits 30

**Third Year**

KIN 362	3
KIN 366	3
KIN 369	3
KIN 371	3
KIN 373	3
Electives <sup>1,2,3,4</sup>	15
<b>Total Credits</b>	<b>30</b>

**Fourth Year**

KIN 400	3
KIN 415	3
One of KIN 303, 464, 469	3
Electives <sup>1,2,3,4</sup>	21
<b>Total Credits</b>	<b>30</b>

<sup>1</sup> Students planning to enter the Teacher Education Program in the Faculty of Education need to review the detailed admission requirements ([http://www.educ.ubc.ca/teacher\\_ed/bachelor.html](http://www.educ.ubc.ca/teacher_ed/bachelor.html)). Students planning to apply for the secondary option are advised to prepare a second teaching field.

<sup>2</sup> Students in the Physical and Health Education stream must complete a minimum of 18 credits of non-KIN electives, of which at least 12 credits must be at the 300-/400- level.

<sup>3</sup> All students must complete 30 credits of KIN at the 300-/400- level.

<sup>4</sup> All students must complete 48 credits at the 300-/400- level.

## Bachelor of Kinesiology > Kinesiology Interdisciplinary Studies

For students who are interested in a general liberal arts and science foundation in Kinesiology.

### Kinesiology Interdisciplinary Studies

**First Year**

ENGL 112	3
KIN 103	3
KIN 151	3
KIN 161	3
KIN 190	3
KIN 191	3
Electives <sup>1,2</sup>	12
<b>Total Credits</b>	<b>30</b>

**Second Year**

KIN 230	3
KIN 231	3
KIN 261	3
KIN 275	3
KIN 284	3
Electives <sup>1,2</sup>	15



Total Credits	30
<b>Third Year</b>	
KIN 371	3
KIN 373	3
Electives <sup>1,2,3,4</sup>	24
Total Credits	30
<b>Fourth Year</b>	
Electives <sup>1,2,3,4</sup>	30
Total Credits	30

<sup>1</sup> Students planning to apply to professional programs are strongly encouraged to determine the necessary undergraduate requirements that are available in other faculties such as Science and Arts.

<sup>2</sup> Students in the Kinesiology Interdisciplinary Studies stream must complete a minimum of 18 credits of non-KIN electives, of which at least 12 credits must be at the 300-/400- level.

<sup>3</sup> All students must complete 30 credits of KIN at the 300-/400- level.

<sup>4</sup> All students must complete 48 credits at the 300-/400-level.

## Bachelor of Kinesiology > Dual Degree Program Option in Kinesiology and Education

The Dual Degree Program Option in Kinesiology and Education offers qualified students the opportunity to earn a B.Kin. and B.Ed. in Secondary Education (Physical Education Specialization) in five Winter Sessions with some academic requirements to be completed in the summer. After meeting all of the requirements, students are normally eligible for a British Columbia Professional Teaching Certificate.

### Admission

Admission to the Dual Degree Program requires application to the Kinesiology Advising Office by January 31 of second year with approval by April in order to undertake a teaching practicum in the summer of Year 2.

Application for admission can be found online at the School of Kinesiology website (<http://kin.educ.ubc.ca>) or at the Kinesiology Undergraduate Advising Office. Students apply in January of second year and must receive approval from the School of Kinesiology and the Faculty of Education. All students whose applications are successful will be admitted to the Faculty of Education beginning in summer of Year 2.

Continuation will require successful completion of both year two of the Kinesiology major and the in-school practicum in the summer of Year 2.

Admission at any time is conditional; maintenance of good academic standing and an average of at least 68% in each Session are required throughout. In addition, students must participate in volunteer or work experience with youth aged 13-18 to meet the requirements of the Bachelor of Education program. Students must satisfy all of the degree and specialization requirements for both the Bachelor of Kinesiology and the Bachelor of Education Secondary program. Some individual courses may be considered to satisfy requirements for both degrees.

Students must communicate with an advisor in the Kinesiology program and the Teacher Education Office annually after admission to the program to discuss their progress.

### First Year (Winter)



ENGL 112	3
KIN 103	3
KIN 115A <sup>1</sup>	3
KIN 115B <sup>1</sup>	3
KIN 151	3
KIN 161	3
KIN 190	3
KIN 191	3
Electives	6
Total Credits <sup>2</sup>	30
<b>Second Year (Winter)</b>	
KIN 215A <sup>1</sup>	3
KIN 215B <sup>1</sup>	
KIN 230	3
KIN 231	3
KIN 261	3
KIN 275	3
KIN 284	3
ENGL 110, 120, or 121 <sup>3</sup>	3
Electives	6
Total Credits <sup>2</sup>	30
<b>Second Year (Summer)</b>	
EDUC 319	1
Total Credits <sup>2</sup>	1
<b>Third Year (Winter)</b>	
KIN 362 or 367	3
KIN 366	3
KIN 369	3
KIN 371	3
EDST 401	3
LLED 360	3
Electives <sup>4</sup>	12
Total Credits <sup>2, 5, 6</sup>	30
<b>Third Year (Summer)</b>	
EDUC 399	1
Total Credits <sup>2</sup>	1
<b>Fourth Year (Winter)</b>	
KIN 303	3
KIN 400	3
KIN 415	3
EDCP 322A	3
EPSE 308	3



EPSE 317	3
Electives <sup>4</sup>	12
Total Credits <sup>2, 5, 6</sup>	30

#### Fourth Year (Summer)

EDST 403	1
EDST 404	1
EDUC 440	3
LLED 361	3
Electives <sup>4</sup>	3
Total Credits <sup>2</sup>	11

#### Fifth Year (Winter)

EDUC 315	2
EDUC 421	12
EDUC 430	1
EDUC 450	3
EDUC 451	3
EPSE 310	2
EPSE 311	1
EDCP Elective or 2 <sup>nd</sup> Teaching Subject	3
EDCP Required Elective	3
Total Credits <sup>2, 6</sup>	30

#### Fifth Year (Summer)

EDUC 452	3
Total Credits <sup>2</sup>	3
<i>Minimum Credits for Dual Degree Program Option</i>	166

<sup>1</sup> The 115 and 215 courses can be taken in any sequence.

<sup>2</sup> Courses are NOT eligible for Cr/D/F grading.

<sup>3</sup> Three additional English credits required for Education.

<sup>4</sup> To be selected in consultation with a program advisor. It is recommended that students should consider courses that will prepare them for a second teaching field.

<sup>5</sup> Must include 30 credits of KIN at the 300/400 level. Additionally, students must complete 48 credits at the 300 or 400 level.

<sup>6</sup> Education courses sequence may vary where necessary in order to accommodate students' KIN schedule.

## Bachelor of Kinesiology > Dual Degree Program Option in Kinesiology and Management

This distinctive dual degree program option offers qualified students the opportunity to earn a Bachelor of Kinesiology degree (School of Kinesiology) and a Master of Management Degree (Faculty of Commerce and Business Administration). This dual degree program option can be completed in four and one half years through intensive study and scheduling. The dual degree program option will also include extensive professional development and career preparation throughout the program of study, provided by the Business Career Centre in the Sauder School of Business.

### Admission



Interested students may apply for the Bachelor of Kinesiology–Master of Management Dual Degree Program Option. For details and application information see the [Undergraduate Program-Master of Management Dual Degree Program Option](#) section of the Calendar

## Bachelor of Kinesiology > Minor Programs

Students who wish to focus their non-Kinesiology electives may, with the approval in writing of the School's Undergraduate Advising Centre, undertake an optional minor program in conjunction with the Bachelor of Kinesiology degree. All courses in the minor must be taken outside of the School of Kinesiology. There are four types of minors available.

### *Minor in Arts*

An acceptable program must comprise courses in the Faculty of Arts that are for credit toward a Bachelor of Arts 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 program minor, which must be approved in writing by the School's Undergraduate Advising Centre at the beginning of third year. All courses must be acceptable for a Bachelor of Arts Major in the proposed subject area or field, but a student is not bound by the other requirements that the Faculty of Arts sets for a major or minor in the field. Application forms may be obtained from the School's Undergraduate Advising Centre or from the School's website (<http://kin.educ.ubc.ca/>).

Note: Students who pursue a minor in Arts should be aware of the prerequisites for many of the upper-level courses in Arts. Space in many courses is limited. Admission to an Arts minor does not guarantee access to courses agreed upon for the minor.

Note: Students who wish to pursue further studies in the Faculty of Education should be aware that courses which are acceptable for an Arts minor may not necessarily meet the requirements for a teaching concentration in the Faculty of Education. Students planning to enter the Teacher Education Program in the Faculty of Education need to review the detailed admission requirements ([http://www.educ.ubc.ca/teacher\\_ed/bachelor.html](http://www.educ.ubc.ca/teacher_ed/bachelor.html)). Students planning to apply for the secondary option are advised to prepare a second teaching field.

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

### *Minor in Commerce*

Students wanting a foundation in business management are encouraged to consider the Minor in Commerce. Enrolment in this program is limited to students eligible for third-year standing with a cumulative average of at least 68% in the previous two years. Enrolment in this program is strictly limited. The program will consist of COMM 329 (3), COMM 457 (3), COMM 465 (3), COMM 473 (3), COMM 493 (3), and one of COMM 398 (3) or COMM 458. Admission to the program requires completion of ECON 101 (3), ECON 102 (3), and one of MATH 100 (3), 102 (3), 104 (3), 120 (3), 180 (4), or 184 (4). Application forms may be obtained from the School's Undergraduate Advising Centre or from the School's website (<http://kin.educ.ubc.ca/>). Completed applications must be returned no later than May 15.

Upon successful completion of this program, the notation "Minor in Commerce" will be placed on the student's transcript.

### *Minor in Nutritional Science*

Students wanting a foundation in nutrition are encouraged to consider the Minor in Nutritional Science. Students must be eligible for third-year standing with a cumulative average of at least 68% in the previous two years, and must have completed FNH 250. Enrolment in this program is strictly limited. The program will consist of FNH 350, 351, and 12 credits from FNH 301, 355, 370, 398, 402, 451, 455, 471, 473, 474, 477, and 490. Application forms may be obtained from the School's Undergraduate Advising Centre or from the School's website (<http://kin.educ.ubc.ca/>). Completed applications must be returned no later than May 15.

**Note:** Students who pursue a Minor in Nutritional Science should be aware of the prerequisites for many of the upper-level courses in food, nutrition, and health. Students may encounter difficulty fitting the FNH courses into their program timetable; careful planning is essential. Space in many courses is limited. Admission to a nutritional science minor does not guarantee access to courses



agreed upon for the minor.

**Note:** Students who wish to pursue further studies in the Faculty of Education should be aware that courses which are acceptable for a Nutritional Science Minor may not necessarily meet the requirements for a teaching concentration in the Faculty of Education. Students planning to enter the Teacher Education Program in the Faculty of Education need to review the detailed admission requirements ([http://www.educ.ubc.ca/teacher\\_ed/bachelor.html](http://www.educ.ubc.ca/teacher_ed/bachelor.html)). Students planning to apply for the secondary option are advised to prepare a second teaching field.

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

### *Minor in Science*

An acceptable program must comprise courses recognized in the Faculty of Science that are for credit toward a B.Sc. degree and consist of at least 18 credits numbered 300 or higher in a single subject field or specialization, together with all necessary prerequisites. Students should design a coherent and academically sound course of studies for their proposed minor, which must be approved by the School's Undergraduate Advising Centre in writing at the beginning of third year. All courses must be acceptable for a science major in the proposed subject area or field. Application forms may be obtained from the School's Undergraduate Advising Centre or from the School's website (<http://kin.educ.ubc.ca/>).

**Note:** Students who wish to pursue a minor in Science should be aware of the prerequisites of many of the upper-level Science courses. Space in many courses is limited. Admission to a science minor does not guarantee access to courses agreed upon for the minor.

**Note:** Students who wish to pursue studies in the Faculty of Education should be aware that courses which are acceptable for a Minor in Science may not necessarily meet the requirements for a teaching concentration in the Faculty of Education. Students planning to enter the Teacher Education Program in the Faculty of Education need to review the detailed admission requirements ([http://www.educ.ubc.ca/teacher\\_ed/bachelor.html](http://www.educ.ubc.ca/teacher_ed/bachelor.html)). Students planning to apply for the secondary option are advised to prepare a second teaching field.

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

## **Bachelor of Kinesiology > Co-operative Education Program**

The Co-operative Education Program integrates the academic education (classroom-based learning) of interested and qualified students with relevant, supervised, and paid work experience (work-based learning). Co-op students gain valuable skills to guide them through their academic education, and prepare them for future careers.

The Program runs year-round. Apart from the normal academic requirements, students complete 3-5 work terms. The Program is five years long, as students in the Program require an extra year in which to complete their bachelor's degrees.

Each successfully completed co-operative education course will be assigned 6 credits and will be recorded on the student's transcript. In order to graduate in a co-operative education program, a student must have completed the required number of work terms in addition to the normal academic requirements of the department. Co-operative education course credits cannot be used in lieu of or to complement academic course credits required by the department.

### **Program Notes:**

1. Co-operative education programs are optional and supplementary to the academic program.
2. Students who wish to be considered for the program will be selected on the basis of academic performance and suitability



for the work environment.

3. Total enrolment is subject to the availability of appropriate work placements.
4. Students admitted into the program will register in the appropriate co-operative education courses for each work term, once a suitable position is confirmed, and will be required to pay the co-operative education program fee. See Program and Course Fees (Calendar page <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=14,296,0,0#18094>).
5. In addition, a co-op workshop fee is to be paid by all students accepted into the program. There will be no additional tuition fee.
6. Work placements are graded Pass or Fail.
7. Students must attend co-operative education program workshops.
8. A report is required at the end of each work term.
9. A minimum of three work terms is needed to graduate with a co-op designation on the transcript and parchment.
10. Students wishing to enrol in the program must apply in the Fall term of their second year.
11. Selection criteria for admission are based on academic performance and employment suitability.
12. Acceptance into the co-op program does not guarantee work placements in every work term.

For more information, including application deadlines, please visit the Cooperative Education Program (<http://www.coop.kin.ubc.ca>) Office, Room 28, War Memorial Gym, 6081 University Blvd, Vancouver V6T 1Z2; telephone 604.822.4794; fax 604.822.5884.

## Bachelor of Kinesiology > Credit Exclusion Lists

Each line below lists courses in which there is sufficient overlap that credit may be obtained for only one selection. This does not imply that courses listed together are interchangeable. Program specifications may require a specific course selection. A student who fails a course may attempt that course once more or may attempt one other from the same Credit Exclusion list, but only once. A student who passes a course may not take for higher standing that course or another course on the same Credit Exclusion list.

KIN 371, BIOL 300, EPSE 482, 483, FRST 231, GEOG 374, PSYC 218, 366, POLI 380, SOCI 328, STAT 200, 203

KIN 190 and 191 BIOL 153 and 155

KIN 231 and PSYC 311

## Graduate Programs

Please see [Kinesiology](#) in the Faculty of Graduate and Postdoctoral Studies section of the Calendar.

## Academic Staff

### Professors

**M. Beauchamp**, B.A. (Exe.), M.A. (Qu.), Ph.D. (Birm.)  
**R. Boushel**, B.A. (Acad.), M.A. (S.Flor.), D.Sc. (Boston U.)  
**M. G. Carpenter**, B.Sc., M.Sc., Ph.D. (Wat.)  
**R. C. Chua**, B.Sc. (S.Fraser), M.Sc. (McM.), Ph.D. (S.Fraser)  
**P. R. E. Crocker**, B.A., M.Sc. (S.Fraser), Ph.D. (Alta.)  
**G.E.J. Faulkner**, B.Ed. (Syd.), M.Sc. (Exe.), Ph.D. (Lough.)





**I. M. Franks**, B.Ed. (McG.), M.Sc., Ph.D. (Alta.)  
**N. J. Hodges**, B.Sc. (Herts.), M.Sc. (McM.), Ph.D. (Br.Col.)  
**L. Hurd Clarke**, B.A. (Qu.), M.S.W. (Laurier), Ph.D. (McM.)  
**J. T. Inglis**, B.Sc. (Wat.), B.Sc.P.T. (W.Ont.), M.Sc. (Wat.), Ph.D. (Qu.)  
**K. Khan**, M.B.B.S., B.Med.Sc., Ph.D. (Melb.)  
**D. C. McKenzie**, B.Sc. (Guelph), M.P.E., M.D. (Br.Col.), Ph.D. (Ohio)  
**E. Puterman**, B.Sc. (McG.), B.A. (C'dia), M.A., Ph.D. (Br.Col.)  
**A. W. Sheel**, B.P.E. (New Br.), M.Sc., Ph.D. (Br.Col.)  
**R. E. C. Sparks**, B.A. (Wesl.), M.S., Ph.D. (Mass.)  
**P. A. Vertinsky**, B.A. (Birm.), M.Sc. (Calif., L.A.), Ed.D. (Br.Col.)  
**D. E. R. Warburton**, B.A., M.Sc. (York(Can.)), Ph.D. (Alta.)  
**B. Wilson**, B.P.E. (McM.), M.A. (Br.Col.), Ph.D. (McM.)

#### Associate Professors

**J. -S. Blouin**, D.C., M.Sc., Ph.D. (Laval)  
**S. S. D. Bredin**, B.Ed., B.P.E., M.Sc. (Alta.), Ph.D. (Br.Col.)  
**M. S. Koehle**, B.Sc., M.S. (Qu.), M.Sc. (Tor.), M.D., Ph.D. (Br.Col.)  
**T. Lam**, B.Sc.P.T. (Qu.), Ph.D. (Alta.)

#### Assistant Professors

**A. Bundon**, B.Sc. (Calg.), M.A., Ph.D. (Br.Col.)  
**J. Kramer**, B.Sc. (Calg.), M.Sc. (W.Ont.), Ph.D. (Br.Col.)  
**C. R. West**, B.Sc. (Essex), M.Sc., Ph.D. (Brun.),

#### Senior Instructors

**M. Gallo**, B.Sc. (Guelph), Ph.D. (Alta.)  
**P. Kennedy**, B.Kin. (McM.), M.A., Ph.D. (Br.Col.)  
**B. Legh**, B.Ed. (Br.Col.), M.P.E. (Wash.)  
**G. E. Wilson**, B.P.H.E. (Tor.), M.P.E. (Br.Col.)

#### Instructor

**C. McEwan**, B.A., M.Sc. (W.Laur.), Ph.D. (Br.Col.)