

Faculty of Health



School of

# Kinesiology & Health Science

UNDERGRADUATE SUPPLEMENTAL CALENDAR

2012 2013



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**YORK UNIVERSITY, FACULTY OF HEALTH  
SCHOOL OF KINESIOLOGY & HEALTH SCIENCE  
UNDERGRADUATE SUPPLEMENTAL CALENDAR**

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# GENERAL INFORMATION

## Overview of the Kinesiology and Health Science Program at York

York offers Kinesiology & Health Science undergraduate students one of the most diversified undergraduate programs in North America and the largest of its kind in Canada. The York program features more than fifty professors who enthusiastically engage in teaching and research.

Kinesiology & Health Science is the study of physical activity and its importance for human health, health science, and society. The program addresses the continuum of human movement from the cellular level to the whole body. At York you will encounter a multidisciplinary program focused on helping you build an understanding of the anatomical, biomechanical, physiological, psychological and cultural aspects of human movement and health.

York's Undergraduate Kinesiology & Health Science program offers multiple degree options tailored to your academic and career interests. The most concentrated Kinesiology & Health Science major is the Specialized Honours B.A. or B.Sc. Program options are also available in Kinesiology & Health Science which enables you to combine your studies with another discipline. These options include Double Major and Major-Minor in B.A. or B.Sc degree programs. York's Kinesiology & Health Science program combines lectures, tutorials, experiential laboratories, as well as physical activity practicum courses, to give you the opportunity to develop knowledge and skills in a wide variety of settings and approaches.

A wide range of undergraduate program options, including numerous academic elective and practicum courses, will provide the foundation to launch you into the career of your choice in fields such as health, fitness, teaching, and coaching, and will also prepare you for graduate level professional training in specialized programs such as medicine, dentistry, physiotherapy, chiropractic, education and research.

The Graduate Program in Kinesiology and Health Science at York University offers courses, research training and professional training leading to M.Sc., M.A. and Ph.D. degrees. Choice of the M.Sc. or M.A. research degree is determined by the background of the student, the research focus of the supervisor and choice of courses. For more information on the program and research interests of faculty members,

please consult the graduate program website at [www.yorku.ca/kahs](http://www.yorku.ca/kahs).

York's sport and recreation training facilities (which include the City of Toronto Track and Field Centre, the Rexall Tennis Centre, the Ice Gardens, stadium, gymnasiums, dance studios, squash courts, sport playing fields, softball fields, outdoor tennis courts, swimming pool, and fitness centre) will ensure that you are able to apply classroom learning to physical activity settings to develop your own skills.

As a student, you are invited to join York's Kinesiology & Health Science Student Organization (KAHSSO).

**The Kinesiology and Health Science undergraduate program is nationally accredited by the Canadian Council of University Physical Education and Kinesiology Administrators (CCUPEKA).**

## Contact Information

### School of Kinesiology and Health Science contact information

341 Norman Bethune College  
Tel: 416-736-5807  
[ugkhs@yorku.ca](mailto:ugkhs@yorku.ca)  
[www.yorku.ca/health/kine/](http://www.yorku.ca/health/kine/)

#### Office Hours:

Monday to Friday\* 8:30am-4:30pm

\*For the months of June, July and August, Fridays 8:30am to 3:30pm.

### Join the York U Kinesiology Advising Facebook Group (Undergraduate Students)

The group is for Kinesiology and Health Science students at York University. It is a place where students can get information on program requirements, answers to general advising questions, and receive updates on important KINE activities.

Join now by going to [www.facebook.com/group.php?gid=54005215994](https://www.facebook.com/group.php?gid=54005215994)

# How to Use This Supplemental Calendar

The School of Kinesiology and Health Science Undergraduate Supplemental Calendar highlights important details contained in the University Calendar-the official document of the University ([www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)). It is also intended to supplement the information in the University Calendar by providing specific Kinesiology and Health Science program information.

A copy of the School of Kinesiology and Health Science Supplemental Calendar is available online at [www.yorku.ca/health/kine/](http://www.yorku.ca/health/kine/).

This supplemental calendar will help you understand the University's academic policies and procedures. The Kinesiology and Health Science academic (KINE) and practicum (PKIN) courses, degree types, degree requirements and certificate streams are also described. Student services and resources to support your learning are also included in this publication.

## Academic Advising Support

### School of Kinesiology and Health Science

The School of Kinesiology and Health Science offers academic advising by drop in or by appointment. For drop in hours and how to book an appointment visit: [yorku.ca/health/kine/advising](http://yorku.ca/health/kine/advising)

Visit the KINE office when you have questions regarding:

- major program requirements
- certificate program and requirements
- Academic (KINE) and Practicum (PKIN) courses
- course enrolment
- letter of permission
- deferred standing for a missed exam/assignment
- grade reappraisal

**Faculty of Health,  
Office of Student and Academic Services**  
The Faculty of Health Office of Student and Academic Services (HH OSAS) offers academic advising. For more information visit:  
[yorku.ca/health/current\\_students](http://yorku.ca/health/current_students)

Visit HH OSAS when you have questions regarding:

- Understanding Academic Decisions
- GPA calculations & GPA requirements for programs
- Degree requirements (ie. general education, major, electives, upper level...)

## Scholarships and Student Awards for Kinesiology Students

The School of Kinesiology and Health Science offers numerous financial awards and scholarships for its continuing students. The Awards and Scholarships online application forms are available in September with a submission deadline in mid-October. A detailed listing of Kinesiology & Health Science Awards and Scholarships and information related the application process & deadlines is available online at: [www.yorku.ca/health/kine/awards.html](http://www.yorku.ca/health/kine/awards.html).

For awards where financial need is a criterion, applicants must also complete the Student Financial Profile online at: [sfs.yorku.ca/](http://sfs.yorku.ca/).

More information about York University Awards and Scholarships is available online at: [sfs.yorku.ca/scholarships/index.htm](http://sfs.yorku.ca/scholarships/index.htm)

# UNIVERSITY POLICIES AND PROCEDURES

Students are reminded that they must abide by all current University and Senate regulations. A complete listing of University Policies, Procedures & Regulations is available online at:  
[www.yorku.ca/secretariat/policies/](http://www.yorku.ca/secretariat/policies/)

## Code of Student Rights & Responsibilities

York University is a place of research, teaching and learning, where people value civility, diversity, equity and respect in their interactions with one another. Freedom of speech, freedom of association, freedom to study and to learn, freedom to engage in research and the freedom to write and to publish all are recognized as central to the mission of the institution. These values can be meaningful and these freedoms fully realized only in an atmosphere of safety and security.

Since their inception, universities have been recognized as clearly distinguishable communities within the larger community and have dealt with issues of misconduct internally. Under the York University Act, 1965, 13(2)(c), the president has the power to formulate and implement regulations governing students and student activities. The president has assigned to the vice-president students, through the Office of Student Conduct and Dispute Resolution, the responsibility for the administration of this Code of Student Conduct. This code has been developed through extensive consultation with students, staff and faculty, and affirms the stated values of equity and respect. It is based on a model that supports a progressive discipline approach, which encourages appropriate conduct.

The process the code outlines for dealing with transgressions is designed to be perceptibly fair, easy to understand and transparent. In addition, the sanctions it proposes have been developed through community consultation and are understood to be reasonable and suitable for a wide variety of misconduct. Wherever possible and appropriate, sanctions will be corrective rather than punitive.

Students are required to familiarize themselves with the Student Code of Conduct online at [www.yorku.ca/oscr/codeofrrf](http://www.yorku.ca/oscr/codeofrrf).

## Academic Integrity

The best way to cope with the pressure of your responsibilities as a student is to develop strong academic skills, which includes ensuring that you understand and adhere to the principles of academic integrity. To avoid the possibility of committing an academic offense, ensure that you:

- read and understand the Senate Policy on Academic Honesty. Ignorance of the Policy is not an acceptable excuse for academic misconduct.
- produce honest academic work. For instance, this means that you must always reference all your sources in your written work, including those from the Internet.
- consult your instructor if you are unsure whether a certain course of action is acceptable.
- discourage others from violating standards of academic integrity.
- use resources at York to improve your research and writing skills.

You are strongly encouraged to familiarize yourself with issues of academic integrity, and with positive strategies to improve academic efforts and avoid committing an academic offence.

For more information, visit [www.yorku.ca/academicintegrity/students/](http://www.yorku.ca/academicintegrity/students/)

An academic integrity tutorial, including a self-test, is located at [www.yorku.ca/tutorial/academic\\_integrity/](http://www.yorku.ca/tutorial/academic_integrity/)

## Senate Policy on Academic Honesty

The Policy on Academic Honesty is an affirmation and clarification for members of the University of the general obligation to maintain the highest standards of academic honesty. As a clear sense of academic honesty and responsibility is fundamental to good scholarship, the policy recognizes the general responsibility of all faculty members to foster acceptable standards of academic conduct and of the student to be mindful of and abide by such standards. Academic honesty requires that persons do not falsely claim credit for the ideas, writing or other intellectual property of others, either by presenting such works as their own or through impersonation. Similarly, academic honesty requires that persons do not cheat (attempt to gain an improper advantage in an academic evaluation), nor attempt or actually alter, suppress, falsify or fabricate any research data or results, official academic record, application or document.

Suspected breaches of academic honesty will be investigated and charges shall be laid if reasonable and probable grounds exist. A student who is charged with a breach of academic honesty shall be presumed innocent until, based upon clear and compelling evidence, a committee determines the student has violated the academic honesty standards of the university. A finding of academic misconduct will lead to the range of penalties described in the guidelines which accompany this policy. In some cases the University regulations on non-academic discipline may apply. A lack of familiarity with the Senate Policy and Guidelines on Academic Honesty on the part of a student does not constitute a defense against their application. Some academic offences constitute offences under the Criminal Code of Canada; a student charged under University regulations may also be subject to criminal charges. Charges may also be laid against York University students for matters which arise at other educational institutions.

For more information, refer to the Senate Policy on Academic Honesty. See the University Policies and Regulations section of the Undergraduate Calendar or [www.yorku.ca/secretariat/policies/](http://www.yorku.ca/secretariat/policies/).

## Senate Policy on Disruptive and/or Harassing Behavior in Academic Situations

Senate affirms that no individual or group of individuals shall cause by action, threat or otherwise, a disturbance that obstructs any academic activity organized by the university or its units.

York is committed to policies that support the teaching and learning of controversial subject matter. Students and instructors are, however, expected to maintain a teaching and learning environment that is physically safe and conducive to effective teaching and learning for all concerned, and to be civil and respectful at all times within the learning environment, including within classrooms, laboratories, libraries, study halls and other places where academic activities are conducted and in areas proximate to those where academic activities are taking place.

It shall be the responsibility of the course director or other supervisor to determine the appropriate academic response and follow-up resulting from a disruption.

For more information, refer to the Senate Policy on Disruptive and/or Harassing Behavior in Academic Situations. See the University Policies and Regulations section of the Undergraduate Calendar or [www.yorku.ca/secretariat/policies/](http://www.yorku.ca/secretariat/policies/).

# GRADES, EXAMS AND ACADEMIC STANDARDS

## Grades and Grading Schemes

Except for courses offered on an ungraded or "Credit/No Credit" basis or taken under the pass/fail option (more information is available online at the Current Students Web site), academic courses in the Faculty of Health are graded according to the following scale. The grade point values are used to compute averages.

**NOTE:** Only courses taken at York University are included in the grade point average. The percentages indicated are not part of the official grading scheme and are meant to be used as guidelines only. The letter-grade system is the fundamental system of assessment of performance in undergraduate programs at York University.

## Grading Scheme in Courses

Grade	Grade Point	Percent Range	Description
A+	9	90 – 100	Exceptional
A	8	80 – 89	Excellent
B+	7	75 – 79	Very Good
B	6	70 – 74	Good
C+	5	65 – 69	Competent
C	4	60 – 64	Fairly Competent
D+	3	55 – 59	Passing
D	2	50 – 54	Marginally Passing
E	1	Marginally below 50%	Marginally Failing
F	0	Below 50%	Failing

The grading scheme in courses (such as kinds and weights of assignments, essays, exams etc.) will be announced, and will be available in writing, within the first two weeks of class.



## Graded Feedback (Marks on Assignments, Essays and Tests)

Under normal circumstances, you will receive graded feedback worth at least 15% of the final grade for the fall, winter or summer session, and 30% for full-year courses offered in the fall/winter session, before the final withdrawal (drop) date from a course without receiving a grade, with the following exceptions:

- Graduate or upper-level undergraduate courses in which coursework typically, or at the instructor's discretion, consists of a single piece of work and/or is based predominantly (or solely) on student presentations (e.g. Honours theses or graduate research papers not due by the drop date etc.)
- Practicum courses
- Ungraded courses
- Courses in Faculties where the drop date occurs within the first three weeks of classes
- Courses that run on a compressed schedule (a course that accomplishes its academic credits of work at a rate of more than one credit hour per two calendar weeks)

**NOTE:** Under unusual and/or unforeseeable circumstances that disrupt the academic norm, instructors are expected to provide grading schemes and academic feedback in the spirit of these regulations, as soon as possible.

The receipt of graded feedback in advance of withdrawal (drop) deadlines will allow you to monitor your own progress in individual courses and provide the basis for you to make sound academic decisions about adding and dropping courses by the deadline. **If you do not officially withdraw (drop) from the course by the deadline (using the online registration and enrolment system), you will receive a grade for the course.** Failure to attend the course does not constitute withdrawal (or drop). See the Add and Drop Deadlines section in this Handbook or online at the Current Students Web site.

## How to Calculate the Cumulative Grade Point Average (CGPA)

Averages are calculated on the basis of the point value assigned to each letter grade:

A+	=	9.0
A	=	8.0
B+	=	7.0
B	=	6.0
C+	=	5.0
C	=	4.0
D+	=	3.0
D	=	2.0
E	=	1.0
F	=	0.0

### Calculating your CGPA:

Multiply total credit of each course by the grade point.

1. Add up total number of credits.
2. Add up total grade points.
3. Divide the total grade points by the total credits

Course	Grade	Points	Credits	Total Grade Points
BIOL 1010 6.00	C+	5.0	x 6	= 30
MATH 1025 3.00	F	0.0	x 3	= 0
KINE 2031 3.00	B	6.0	x 3	= 18
KINE 2049 3.00	B+	7.0	x 3	= 21
CSE 1520 3.00	A	8.0	x 3	= 24
<b>TOTAL</b>			<b>18</b>	<b>93</b>

Example:

**93 Grade Points divided by 18 Credits  
= 5.17 CGPA**

Kinesiology and Health Science is an Honours program. As such, Kinesiology and Health Science major students are required to maintain **Honours** standing in order to proceed and to be eligible to graduate in Kinesiology and Health Science. See Academic Standing section for Honours standing grade point average requirement.

**It is recommended that students plan course selections to meet graduation requirements for a 90 credit degree in another subject area.** This is essential if the cumulative grade point average of the student falls below Honours Standing and may be important if the student is accepted into a professional program such as medicine. In these situations a student may apply to graduate with a York University degree in another subject area.

## GPA Calculator

The GPA calculator is a tool to assist you in calculating your grade point average. Grades are reported by the Registrar at the end of each academic session (Fall/Winter and Summer). The York transcript is the official record of all courses taken and grades received at York University.

Use the GPA calculator to keep track of your academic standing as you progress toward your degree.

The **GPA calculator** is available online at [www.yorku.ca/health/current\\_students/gpa/](http://www.yorku.ca/health/current_students/gpa/)

Use the reverse GPA calculator to calculate the grades required in a future session to attain a specific grade point average.

The **reverse GPA calculator** is available online at [www.yorku.ca/health/current\\_students/gpa.html#reverse](http://www.yorku.ca/health/current_students/gpa.html#reverse).

## Examination Policies

Examinations are important components of the educational process. Examinations are usually written tests, although some may have practical components. Examinations vary greatly in structure and content, depending on the subject area.

### Examination Period

There is a final examination period at the end of each term.

### Examination Schedules

The dates and times of formally scheduled examinations are listed on the Current Students Web site when they become available.

### Identification at Examinations

You are required to present identification at each examination during the official examination period. The following items will be accepted:

- a YU-card with a photo
- a valid sessional identification card plus a photo-bearing form of identification such as a driver's licence or a passport
- a YU-card without a photo plus a photo-bearing form of identification such as a driver's licence or a passport

### Language of Examinations

The language or languages of instruction will normally be the language or languages of examination.

## Examination Answer Booklets

Answer booklets are the property of the University. Examination booklets and other answer forms remain the property of the University. You may not remove them from the test or examination room, nor may you possess blank examination booklets.

## Formal Examination Conflicts

There are three types of undergraduate exam conflicts:

1. Two or more exams at the same time
2. Three exams on the same day
3. Exams during three consecutive periods in 24 hours, e.g. 7 pm to 10 pm the night before, then 9 am to noon and 2 pm to 5 pm the next day

## Resolving an Examination Conflict

If you have a final undergraduate exam conflict, please fill out and submit the exam conflict report form, available on the Current Students Web site.

## Missed/Unable to Write Examination (Requests for Deferred Standing)

You may be granted deferred standing if you miss or are unable to write your final examination at the scheduled time, or to submit your final assignment on the last day of classes. In order to apply for Deferred Standing, you must submit to the Course Director a completed Deferred Standing Agreement Form, with the attached official documentation. Then you and the course director must reach an agreement for an alternate final examination date or for an extension to the deadline. The Deferred Standing Agreement Form facilitates the setting of an alternate date for writing a final examination or submitting a final assignment before Faculty deadlines. More information can be obtained from the Current Students Web site.

## Rewriting of an Examination

There is no provision for rewriting a final examination to improve a final grade.

## Reviewing Graded Examinations

Under properly controlled conditions, you may review your graded tests and examinations. Used final examination booklets, however, remain the property of the University and are retained by the teaching unit for a certain length of time before they are destroyed. More information and procedures for reviewing examinations may be obtained from the academic unit offering the course.

## Tests & Examination Accommodations

Term work includes reports, assignments, essays, tests and other work assigned in a course, with the exception of the final examination. Deadline dates and dates for in-class tests and examinations will be specified in your course syllabus.

When you do not or cannot write a mid-term examination (not held during the formal examination period), alternate arrangements to write the mid-term examination should be made within the duration of the course by the course director and you, at the discretion of the course director. The Deferred Standing Agreement does not apply for mid-term examination.

All term work must be submitted by the first day of the official examination period of the term in which the course ends.

### End-of-Term Percentage Restriction

No examinations or tests collectively worth more than 20% of the final grade in a course will be given during the final 14 calendar days of classes in a term. The exceptions to the rule are classes that regularly meet on Friday evenings or on Saturday and/or Sunday at any time, and courses offered in the compressed summer terms.

### Alternate Tests & Examinations

York's Counseling & Disability Services and the Registrar's Office work in partnership to support alternate exam and test accommodation services for students with disabilities at the Keele campus. More information is available on the Current Students Web site at [www.yorku.ca/altexams/](http://www.yorku.ca/altexams/).

Students must be currently registered with Counselling & Disability Services to access alternate exam and test scheduling services. To register with Counselling & Disability Services, contact by phone at 416-736-5297 or in person at Room N110 of the Bennett Centre for Student Services. More registration information is available at [www.yorku.ca/dshub/](http://www.yorku.ca/dshub/).

### Religious Observance Accommodation

York University is committed to respecting the religious beliefs and practices of all members of the community, and to making accommodations for observances of special significance to adherents.

### Accommodations: Tests (during the term)

Should any of the dates specified in your course syllabus for an in-class test or examination pose such a conflict for you, contact the course director within the first three weeks of class. Similarly, if an assignment to be completed in a lab, practicum placement, workshop, etc, is scheduled later in the

term and poses such a conflict, contact the course director immediately. More information can be found on the Current Students Web site.

### Accommodations: Formal Examinations

Please note that to arrange an alternative date or time for an examination scheduled in the formal examination periods (December and April), you must complete and submit an Examination Accommodation Form to the Course Director. Refer to the appropriate guidelines on Religious Observance Policy and Accommodation for Final Examinations on the Current Students Web site.

## Requesting a Grade Reappraisal

You may, with sufficient academic grounds, request that a final grade in a course be reappraised (which may mean the review of specific pieces of tangible work). Non-academic grounds (such as illness or misfortune) are not relevant grounds for grade reappraisals; in such cases, students are advised to petition to the Faculty of Health.

You are normally expected to contact the course director first to discuss the grade received and to request that your tangible work be reviewed. Tangible work may include written, graphic, digitized, modelled, video recording or audio recording formats, but not oral work.

In the event that you are still not satisfied with your final grade or the course director is not available to review the work, you may submit a formal written request for a grade reappraisal to the department or unit in which the course is offered. The Senate-approved deadline for submitting grade reappraisals is February 15 for fall term grades, June 15 for fall/winter session and winter term grades, September 30 for summer session grades, or a minimum of 21 days from the release of grades, whichever is later.

### A request for a grade reappraisal may result in the original grade being raised, lowered or confirmed.

More information may be obtained from the Current Students Web site at [www.registrar.yorku.ca/grades/reappraisal/](http://www.registrar.yorku.ca/grades/reappraisal/)

A Request for Grade Reappraisal form can be obtained from the School of Kinesiology and Health Science and must be submitted by deadline stated above.

## Letters of Permission

Letters of Permission allow students to receive credit at York for courses taken at other universities. In order to receive credit for such courses, students must obtain a Letter of Permission before enrolling. More information is available at: [www.registrar.yorku.ca/enroll/top/](http://www.registrar.yorku.ca/enroll/top/)

# Academic Standing

Academic standing depends on several factors, including the number of credits a student has passed, the grade point average achieved during a particular session (sessional grade point average) or the overall grade point average (cumulative grade point average).

## Kinesiology and Health Science: An Honours Program

Kinesiology and Health Science is an Honours only degree program. Students may select Kinesiology and Health Science as their study major or minor in the first year or subsequent years if they have Honours standing. Honours standing must be maintained to proceed to subsequent years, and to graduate. Students who do not maintain Honours standing are not eligible to continue in the Kinesiology and Health Science Program and **must** select another major. Change of program requests can be made online. Review the Current Students Web site for process and time lines.

### Honours Standing Grade Point Average Requirement

Students who have completed fewer than 84 earned credits, and whose cumulative grade point average is below Honours Standing of 5.00 (C+), may continue in a Honours degree program (BA or BSc) provided they meet the year-level progression requirements as follows:

Year Level	Credits Earned	Minimum Cumulative Grade Point Average
One	0-23 earned credits	4.00
Two	24-53 earned credits	4.25
Three	54-83 earned credits	4.80
Four	84 earned credits	5.00

### Year Level and Student Progress

A student's progression toward a degree in the Faculty of Health is measured in terms of the number of credits passed (or earned) rather than years of study completed. The year level includes transfer credit. Year 4 applies to students in Honours program only.

Year Level	Credits Earned
One	0-23 earned credits
Two	24-53 earned credits
Three	54-83 earned credits
Four	84 earned credits

Faculty of Education courses taken by students co-registered in the Faculty of Education are not included in Faculty of Health year levels.

# Academic Petitions

## Petitions for Exemptions from Regulations

Academic regulations allow you to develop your interests and talents to the fullest in ways consistent with the philosophy and standards of the Faculty. In establishing academic regulations, the Faculty also recognizes that instances will arise where it makes sense, in the context of a student's academic career, to waive regulations that would otherwise apply.

### Petitions Committee

The Faculty of Health Petitions Committee considers requests for exceptions to all Faculty regulations, including petitions to continue studies without interruption, from students who have been required to withdraw or debarred. The committee will give due consideration to transition difficulties documented by students in their first university session. The guidelines for consideration of petitions/appeals by Faculty committees are located at [yorku.ca/univsec/senate/committees/sac/petguid.htm](http://yorku.ca/univsec/senate/committees/sac/petguid.htm).

# WHAT YOU NEED TO KNOW TO GRADUATE

It is the responsibility of the student for knowing and fulfilling all degree and program requirements outlined in the York University Undergraduate Calendar. The Undergraduate Calendar is available online at [registrar.yorku.ca/calendars/](http://registrar.yorku.ca/calendars/)

Each student is also responsible for the following:

- verifying the accuracy of registration records, including all course changes;
- fulfilling the requirements and being aware of academic progress in all registered courses;
- noting and abiding by the sessional dates and add/drop deadlines published on the Current Students Web site at [www.registrar.yorku.ca/enrol/dates/](http://www.registrar.yorku.ca/enrol/dates/)

## Tracking your academic progress

1. Understand your degree requirements
  - Degree Progress Report  
[registrar.yorku.ca/mydegreeprogress](http://registrar.yorku.ca/mydegreeprogress)  
  
A self-service tool that allows you to track your progress towards your degree. Available only to students in a single major.
  - Review the undergraduate calendar according to your year of entry  
[registrar.yorku.ca/calendars/](http://registrar.yorku.ca/calendars/)
  - Use the checklists found in this publication (and online at [www.yorku.ca/health/kine](http://www.yorku.ca/health/kine))
2. Monitor your grade point average (GPA) by using the GPA calculator  
[yorku.ca/health/current\\_students/gpa.html](http://yorku.ca/health/current_students/gpa.html)
3. Keep track of add/drop deadlines  
[registrar.yorku.ca/enrol/dates/](http://registrar.yorku.ca/enrol/dates/)
4. Take advantage of academic support services available to you. (e.g. Learning Skills and Writing Department)
5. Review your grade report at the end of each academic session. Fall/Winter session in May and Summer session in September.  
  
Review the online module "Understanding Your Undergraduate Grade Report"  
[registrar.yorku.ca/grades/report/](http://registrar.yorku.ca/grades/report/)
6. Understand Honours standing requirements  
Upon completion of each academic session (Fall/Winter and Summer), students must have a minimum cumulative average to continue in an

Honours program (120 credits). See Academic Standing section for Honours standing requirements

7. Students are advised to complete the practicum (PKIN) requirements by the end of their third year of study.

## Application to Graduate

All students must apply to graduate online. Detailed information on how to apply, including deadlines and steps you need to take to prepare for convocation are available in the York Convocation Web site at [www.yorku.ca/mygraduation/](http://www.yorku.ca/mygraduation/)

Students are advised to apply to graduate as early as possible, preferably after registering in their final course(s). The Degree Audit Unit sends letters to students who appear to be missing a degree requirement. If you have applied early and there is a problem you may be able to resolve the problem during the Winter term.

Normally, the deadline to apply for the Spring (June) convocation deadline is January 31<sup>st</sup> and for the Fall (October) convocation is July 31<sup>st</sup>. See Current Students Web site for online application form and current year deadlines.

# DEGREE REQUIREMENTS

## Honours Bachelor of Arts (BA) – Degree Requirements

### For students entering in 2012

**Residency requirement:** A minimum of 30 course credits, and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor, must be taken at York University.

**Graduation requirement:** All graduates must complete a total of at least 120 credits, with a minimum overall cumulative grade point average of 5.00 (C+), and all practicum requirements.

**General education:** A minimum of 18 credits, as follows:

- Six credits in humanities (HUMA) at the 1000 or 2000 level.
- Six credits in social science (SOSC) at the 1000 or 2000 level or modes of reasoning (MODR) at the 1000 level.
- Six credits in natural science (NATS) at the 1000 or 2000 level.

It is strongly recommended that students complete the general education requirements above within their first 54 credits. Students may take nine credits of either HUMA or SOSC, six credits of which would count toward the corresponding general education area of study; and the additional three credits would count toward electives. Students may complete a maximum of 30 credits in general education; any additional credits not being used to fulfill general education may count toward electives.

**NOTE:** General Education requirements are satisfied by taking Natural Science courses offered by the Faculty of Science and Engineering and **approved Humanities, Modes of Reasoning, and Social Science courses** offered by the Faculty of Liberal Arts and Professional Studies. For further information, please visit: [www.yorku.ca/health/current\\_students/GeneralEducation/](http://www.yorku.ca/health/current_students/GeneralEducation/)

**Upper-level credits:** A minimum of 36 credits must be taken at the 3000 level or 4000 level, including at least 18 credits at the 4000 level.

**Credits Outside of the Major:** A minimum of 18 credits outside the major. Credits outside of the major may be used to fulfill upper-level credits.

**NOTE:** HH/PSYC 1010 6.00, which is a prerequisite for HH/KINE 3000 3.00 and HH/KINE 3020 3.00, qualifies as elective credits.

**Practicum (PKIN):** In addition to the 120-credit minimum degree requirement, students must take eight practicum (PKIN) courses, including at least one course in each of the following practicum areas:

- Aquatics
- Dance/gymnastics
- Emergency care
- Individual and dual sports
- Team games/sports
- Track and field

**NOTE:** Students may take practicum (PKIN) courses on a pass/fail basis. Student are required to sign the PKIN Pass/Fail Option form within the following time frames: Fall & Winter terms: within the first two weeks of term Summer terms: within the first week of term P, P2, and P3 terms: on the first day of class

### Kinesiology and Health Science Major Requirements:

**Note:** see page 13 for listing of the 42 core KINE courses

#### SPECIALIZED HONOURS:

- 42 credits in the Kinesiology and Health Science (KINE) core courses
- 6 additional KINE credits at the 4000 Level
- Additional elective KINE credits at any level to achieve a minimum KINE total of **60 credits (54 credits prior to 2010-11)**.
- 8 Practicum (PKIN) courses

#### HONOURS (SINGLE MAJOR):

- 42 credits in the Kinesiology and Health Science (KINE) core courses
- 6 additional KINE credits at the 4000 level
- 8 Practicum (PKIN) courses

#### HONOURS (DOUBLE MAJOR):

- 42 credits in the Kinesiology and Health Science (KINE) core courses
- 6 additional KINE credits at the 4000 level
- 8 Practicum (PKIN) courses

#### HONOURS (MINOR):

- 42 credits in the Kinesiology and Health Science (KINE) core courses
- 8 Practicum (PKIN) courses

**Note: The School of Kinesiology and Health Science does not recognize any course substitutes for its academic course requirements.** Students who complete a course offered by another unit or program that is a course exclusion with a kinesiology course must replace the corresponding kinesiology course with another kinesiology course of equal or greater credit value at the same year level or higher.

## TYPICAL COURSE SEQUENCE Kinesiology and Health Science (SPECIALIZED HONOURS BA) – For students entering F/W 2012

*This is a sample course sequence based on the official degree requirements listed in the York University Calendar.*

*Select your year of entry to review your degree requirements.*

*The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)*

Year/Level 1			
HH	KINE 1000	6.00	Sociocultural Perspectives in Kinesiology
HH	KINE 1020	6.00	Fitness and Health
SC	NATS 1XXX	6.00	Natural Science (General Education) course, <i>Note: recommended one of SC/NATS 1610 6.00, SC/NATS 1660 6.00, SC/NATS 1670 6.00, SC/NATS 1675 6.00, SC/NATS 1690 6.00</i>
AP	SOSC 1/2XXX or MODR 1XXX	6.00	Social Science or Modes of Reasoning (General Education) course
HH	PSYC 1010	6.00	Introduction to Psychology, count towards the required credits outside the major.
HH	PKIN XXXX	3 courses	Area to meet practicum requirements
Year/Level 2			
HH	KINE 2011	3.00	Human Physiology I
HH	KINE 2031	3.00	Human Anatomy
HH	KINE 2049	3.00	Research Methods in Kinesiology
HH	KINE 2050	3.00	Analysis of Data in Kinesiology
HH	KINE 3012	3.00	Human Physiology II
HH	KINE 3030	3.00	Biomechanics of Human Movement
	XXXX	6.00	Credits Outside of the Major
AP	HUMA 1/2XXX	6.00	Humanities (General Education) course
HH	PKIN XXXX	2 courses	Area to meet practicum requirements
Year/Level 3			
HH	KINE 3000	3.00	Psychology of Physical Activity and Health
HH	KINE 3020	3.00	Skilled Performance and Motor Learning
HH	KINE 4010	3.00	Exercise Physiology
HH	KINE 4020	3.00	Human Nutrition
HH	KINE XXXX	12.00	Kinesiology and Health Science course(s), any level
	XXXX	6.00	Credits Outside of the Major
HH	PKIN XXXX	3 courses	Area to meet practicum requirements
Year/Level 4			
HH	KINE 4XXX	6.00	Kinesiology and Health Science course(s), 4000 level
	4XXX	6.00	Any Course including KINE
	3/4XXX	6.00	Any Course including KINE
	XXXX	6.00	Any Course including KINE

In this example, the student completed 120 academic credits and 8 practicum courses in 4 years.

# Honours Bachelor of Science (BSc) – Degree Requirements

## For students entering in 2012

**Residency requirement:** A minimum of 30 course credits, and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor, must be taken at York University.

**Graduation requirement:** All graduates must complete a total of at least 120 credits, with a minimum overall cumulative grade point average of 5.00 (C+), and all practicum requirements.

**Note:** More than 120 credits may be required to complete the degree requirements in the applied certificate stream.

**General education:** a minimum of 18 credits as follows:

- Six credits in humanities (HUMA) at the 1000 or 2000 level
- Six credits in social science (SOSC) at the 1000 or 2000 level
- Six credits in modes of reasoning (MODR) at the 1000 level

It is strongly recommended that students complete the general education requirements above within their first 54 credits. Students may take nine credits of either HUMA or SOSC, six credits of which would count toward the corresponding general education area of study; and the additional three credits would count toward electives. Students may complete a maximum of 30 credits in general education; any additional credits not being used to fulfill general education may count toward electives.

**NOTE:** General Education requirements are satisfied by taking **approved Humanities, Modes of Reasoning, and Social Science courses** offered by the Faculty of Liberal Arts and Professional Studies. For further information, please visit: [www.yorku.ca/health/current\\_students/GeneralEducation/](http://www.yorku.ca/health/current_students/GeneralEducation/)

**Basic science requirement:** A minimum of 15 credits as follows:

- Six credits in mathematics selected from:  
SC/MATH 1505 6.00  
SC/MATH 1013 3.00  
SC/MATH 1014 3.00  
SC/MATH 1025 3.00

- Three credits selected from:  
SC/CSE 1520 3.00 or SC/CSE 1540 3.00 or SC/CSE 1570 3.00
- Six credits selected from:  
SC/BIOL 1000 3.00  
SC/BIOL 1001 3.00  
SC/CHEM 1000 3.00  
SC/CHEM 1001 3.00  
SC/PHYS 1010 6.00 or SC/PHYS 1410 6.00 or SC/PHYS 1420 6.00

**Upper-level credits:** A minimum of 42 credits at the 3000 level or 4000 level, including at least 18 credits at the 3000 or 4000 level in the major with 12 credits at the 4000 level.

**Required science credits outside the major:** A minimum of nine credits in science disciplines outside the major, of which three credits must be at the 2000-level or above. Required science credits outside the major can be selected from the following:

- All psychology courses, excluding:  
HH/PSYC 3350 3.00, HH/PSYC 3430 3.00, HH/PSYC 3600 3.00, HH/PSYC 3620 3.00, HH/PSYC 3630 3.00, HH/PSYC 3670 3.00, HH/PSYC 4891 6.00.
- All courses offered through the Faculty of Science and Engineering,

**Note 1:** Kinesiology and Health Science students are strongly recommended to take HH/PSYC 1010 6.00.

**Electives:** Additional elective credits, as required, for an overall total of at least 120 credits. Elective credits may be used to fulfill science and upper-level credits.

**Practicum (PKIN):** In addition to the 120-credit minimum degree requirement, students must take eight practicum (PKIN) courses, including at least one course in each of the following practicum areas:

- Aquatics
- Dance/gymnastics
- Emergency care
- Individual and dual sports
- Team games/sports
- Track and field

**NOTE:** Students may take practicum (PKIN) courses on a pass/fail basis. Student are required to sign the PKIN Pass/Fail Option form within the following time frames: Fall & Winter terms: within the first two weeks of term Summer terms: within the first week of term P, P2, and P3 terms: on the first day of class



## **Kinesiology and Health Science**

### **Major Requirements:**

**Note:** see page 16 for listing of the 42 core KINE courses

#### **SPECIALIZED HONOURS:**

- a) 42 credits in the Kinesiology and Health Science (KINE) core courses
- b) 6 additional KINE credits at the 4000 Level
- c) Additional elective KINE credits at any level to achieve a minimum KINE total of **60 credits (54 credits prior to 2010-11)**.
- d) 8 Practicum (PKIN) courses

#### **HONOURS (SINGLE MAJOR):**

- a) 42 credits in the Kinesiology and Health Science (KINE) core courses
- b) 6 additional KINE credits at the 4000 level
- c) 8 Practicum (PKIN) courses

#### **HONOURS (DOUBLE MAJOR):**

- a) 42 credits in the Kinesiology and Health Science (KINE) core courses
- b) 6 additional KINE credits at the 4000 level
- c) 8 Practicum (PKIN) courses

#### **HONOURS (MINOR):**

- a) 42 credits in the Kinesiology and Health Science (KINE) core courses
- b) 8 Practicum (PKIN) course

**Note: The School of Kinesiology and Health Science does not recognize any course substitutes for its academic course requirements.**

Students who complete a course offered by another unit or program that is a course exclusion with a kinesiology course must replace the corresponding kinesiology course with another kinesiology course of equal or greater credit value at the same year level or higher.

#### **Honours Double Major BSc Program**

The Honours BSc program described above may be pursued jointly with Honours Double Major bachelor's degree programs in the Faculties of Health, Liberal Arts and Professional Studies or Science and Engineering as listed in the York University Undergraduate Calendar.

**Note:** Students pursuing a double major **may be required to complete more than 120 credits to satisfy all degree requirements.**

## TYPICAL COURSE SEQUENCE

### Kinesiology and Health Science (SPECIALIZED HONOURS BSc) – For students entering F/W 2012

*This is a sample course sequence based on the official degree requirements listed in the York University Calendar.  
Select your year of entry to review your degree requirements.  
The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)*

Year/Level 1			
HH	KINE 1000	6.00	Sociocultural Perspectives in Kinesiology
HH	KINE 1020	6.00	Fitness and Health
AP	HUMA 1/2XXX	6.00	Humanities (General Education) course
SC	Level 1XXX	6.00	six credits selected from BIOL 1000 3.00, BIOL 1001 3.00, CHEM 1000 3.00, CHEM 1001 3.00, EATS 1010 3.00, EATS 1011 3.00, PHYS 1010 6.00 <b>or</b> PHYS 1410 6.00 <b>or</b> PHYS 1420 6.00 <i>Note: recommended SC/BIOL 1000 3.00 &amp; SC/BIOL 1001 3.00, plus one additional 3.00 credit course</i>
HH	PSYC 1010	6.00	Introduction to Psychology, count towards the required science credits outside the major.
HH	PKIN XXXX	3 courses	Area to meet practicum requirements
Year/Level 2			
HH	KINE 2011	3.00	Human Physiology I
HH	KINE 2031	3.00	Human Anatomy
HH	KINE 2049	3.00	Research Methods in Kinesiology
HH	KINE 2050	3.00	Analysis of Data in Kinesiology
HH	KINE 3012	3.00	Human Physiology II
HH	KINE 3030	3.00	Biomechanics of Human Movement
AP	SOSC 1/2XXX	6.00	Social Science (General Education) course
AP	MODR 1XXX	6.00	Modes of Reasoning (General Education) course
HH	PKIN XXXX	2 courses	Area to meet practicum requirements
Year/Level 3			
HH	KINE 3000	3.00	Psychology of Physical Activity and Health
HH	KINE 3020	3.00	Skilled Performance and Motor Learning
HH	KINE 4010	3.00	Exercise Physiology
HH	KINE 4020	3.00	Human Nutrition
SC	MATH 1XXX	6.00	six credits selected from MATH 1505 6.00, MATH 1013 3.00, MATH 1014 3.00, MATH 1025 3.00
SC	Level 1XXX	3.00	three credits selected from CSE 1520 3.00 <b>or</b> CSE 1540 3.00 <b>or</b> CSE 1570 3.00
HH	KINE XXXX	6.00	Kinesiology and Health Science course(s), any level
HH or SC	2/3/4XXX	3.00	Required science credits outside the major, 2000 level or above
HH	PKIN XXXX	3 courses	Area to meet practicum requirements
Year/Level 4			
HH	KINE 4XXX	6.00	Kinesiology and Health Science course(s), 4000 level
HH	KINE 3/4XXX	6.00	Kinesiology and Health Science course(s), 3000 or 4000 level
	3/4XXX	12.00	Any Course(s) including KINE
	XXXX	6.00	Any Course(s) including KINE

In this example, the student completed 120 academic credits and 8 practicum courses in 4 years.

# Academic Core Requirements

KINESIOLOGY AND HEALTH SCIENCE ACADEMIC CORE REQUIREMENTS	
HH/KINE 1000 6.00	Sociocultural Perspectives in Kinesiology
HH/KINE 1020 6.00	Fitness and Health
HH/KINE 2011 3.00	Human Physiology I
HH/KINE 2031 3.00	Human Anatomy
HH/KINE 2049 3.00	Research Methods in Kinesiology
HH/KINE 2050 3.00	Analysis of Data in Kinesiology I
HH/KINE 3000 3.00	Psychology of Physical Activity and Health
HH/KINE 3012 3.00	Human Physiology II
HH/KINE 3020 3.00	Skilled Performance and Motor Learning
HH/KINE 3030 3.00	Biomechanics of Human Movement
HH/KINE 4010 3.00	Exercise Physiology
HH/KINE 4020 3.00	Human Nutrition
Total 42 Academic (HH/KINE) credits	
KINE CORE (REQUIRED) COURSE PROGRESSION (BA and BSc Degrees)	
<b>1<sup>st</sup> Year</b>	HH/KINE 1000 6.00 Sociocultural Perspectives in Kinesiology
	HH/KINE 1020 6.00 Fitness and Health
<b>2<sup>nd</sup> Year</b>	HH/KINE 2011 3.00 Human Physiology I (Fall)
	HH/KINE 2031 3.00 Human Anatomy (Fall)
	HH/KINE 2049 3.00 Research Methods in Kinesiology (Fall)
	HH/KINE 2050 3.00 Analysis of Data in Kinesiology I (Winter)
	HH/KINE 3012 3.00 Human Physiology II (Winter)
	HH/KINE 3030 3.00 Biomechanics of Human Movement (Winter)
<b>3<sup>rd</sup> Year</b>	HH/KINE 3020 3.00 Skilled Performance and Motor Learning (Fall)
	HH/KINE 3000 3.00 Psychology of Physical Activity and Health (Winter)
	HH/KINE 4010 3.00 Exercise Physiology (Fall)
	HH/KINE 4020 3.00 Human Nutrition (Winter)
<p><b>Note: The School of Kinesiology and Health Science does not recognize any course substitutes for its academic course requirements.</b> Students who complete a course offered by another unit or program that is a course exclusion with a kinesiology course must replace the corresponding kinesiology course with another kinesiology course of equal or greater credit value at the same year level or higher.</p>	

# Practicum (PKIN) Program

Practicum (PKIN) courses are small group physical activity classes. Kinesiology and Health Science students are required to take a **TOTAL OF 8 PKIN COURSES**, including one (1) PKIN course from each of the 6 areas in the PKIN core.

## Practicum PKIN CORE:

Aquatics	Dance/Gymnastics
Team Sports	Track and Field
Individual/Dual Sports	Emergency Care

## Cumulative Grade Point Average and Credit Weights

Practicum courses have no academic weight and are not included in the total of 120 academic credits required for the Honours degree.

PKIN courses taken prior to F/W 08/09 with a PKIN credit weight of 2.00 count as one (1) PKIN course. Courses with 4.00 PKIN credit weight count as two (2) PKIN courses. Please see the PKIN course descriptions section for course credit exclusion information.

## Participation

To receive credit for a practicum course a student must attend and actively participate in a minimum of 80 percent of the classes for the course. In extenuating circumstances, such as verified illness or injury which prevents full participation, the grading during the term may be changed to a Pass/Fail. In such cases the student and the instructor agree in writing to the terms for a pass in the course. A copy of this signed written agreement must be forwarded to the School of Kinesiology and Health Science. Students with a disability are considered on a case-by-case basis.

## Evaluation – Grades and Pass/Fail Option

Evaluation of a student's competence in a practicum is based on skill execution and skill theory (oral and/or written). The practicum grading scale is A, B, C, F or Pass/Fail option.

To exercise the Pass/Fail option student are required to complete and sign the PKIN Pass/Fail Option form and submit to the course director within the following time frames:

Fall & Winter terms: within the first two weeks of term  
Summer terms: within the first week of term  
P, P2, and P3 terms: on the first day of class

## Prerequisites

Where courses are offered consecutively in the same area (example: Volleyball I, Volleyball II) students must have achieved at least a B in the preceding course in order to take the subsequent course unless otherwise stated. Qualified students may be admitted directly into an advanced level course with the permission of the instructor. In these cases no credit is awarded for the lower level course.

## Practicum Enrollment

Priority enrolment is given to Kinesiology and Health Science Honours standing students. Students are responsible for enrolling, adding, and dropping courses. The add/drop dates for the practicum courses are the same as those published for the academic courses. Students requesting the drop of an F grade received because they enrolled in a PKIN but did not attend or participate will be charged a \$25.00 administrative fee per PKIN course. The money will be placed in the scholarship fund for Kinesiology and Health Science students.

**NOTE:** Students who attend more than 20 percent of the classes for a course are not eligible to request a grade removal.

**Note:** Practicum courses and grades are listed on the official transcript but are **not calculated** in the cumulative grade point average.

## Varsity Sport Practicum Credits

Students who complete a season as a member of a York University varsity team are eligible to receive a 1 PKIN course credit allowance per year to a maximum of 3 practicum course credits. To receive this credit students must complete an application form available from the School (341 Bethune College).

## Practicum Accommodations

### Permanent Disability

Students who require disability accommodation must contact the School of Kinesiology and Health Science **prior to completing their second year of study**. An individualized plan to accommodate students in the practicum program will be approved by the Committee of Undergraduate Studies.

### Temporary Illness and Injuries

It is highly recommended that students plan to complete the practicum program requirements prior to completion of 84 academic credits. Planning in this way allows students to progress to graduation without delay due to an unexpected illness or injury.

# CHECKLISTS

The following pages contain checklists for Kinesiology and Health Science majors in Bachelor of Arts and Bachelor of Science degree programs. Students follow degree requirements based on year of entry. **The checklists are an interpretation of the official degree requirements listed in the York University Calendar.**

Select your year of entry to review your degree requirements. The **York University Calendar** is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

Copies of the checklists for previous years and double major and minor programs that are not included in this **Supplemental Calendar** is available online at: [www.yorku.ca/health/kine/degree\\_require.html](http://www.yorku.ca/health/kine/degree_require.html)

Students in a single major program can also use the **Degree Progress Report (DPR)**, an online self-serve tool to keep track of your progress towards your degree.

The Degree Progress Report checks legislative requirements that are needed for you to graduate in your degree program. It checks all of the courses on your official record that you have taken at York towards your degree. Based on this automated review, it shows you what requirements you have already completed, what requirements you still need to complete and what is currently in progress.

The DPR is available online at: [www.yorku.ca/mydegreeprogress](http://www.yorku.ca/mydegreeprogress)

## Kinesiology and Health Science (SPECIALIZED HONOURS BA) – (For Students Entering KINE 2006, 2007, or 2008)

*This checklist is an interpretation of the official degree requirements listed in the York University Calendar.*

*Select your year of entry to review your degree requirements.*

*The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)*

GENERAL EDUCATION REQUIREMENTS (24 Credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities or Social Science 1000 Level	9		
Humanities or Social Science 2000 Level	9		
Natural Science 1000 Level	6		
<b>Breadth Requirement:</b> The breadth requirement must be successfully completed before graduation and requires at least six credits from each of the following two areas:			
<b>Area I:</b> English, French studies, history, humanities, languages, literatures and linguistics, philosophy, writing.			
<b>Area II:</b> anthropology, criminology, economics, geography, political science, social science, sociology.			
<b>Note:</b> If the 1000-level nine-credit foundations course is taken in humanities, then the 2000-level nine-credit foundations course must be taken in social science (and vice versa).			
<b>ELECTIVES</b>			
A minimum of 18 elective credits outside the major.			
Course outside major (HH/PSYC 1010 6.00. Pre-requisite for upper level KINE courses.)	6 (3+3)		
Course outside major	6 (3+3)		
Course outside major	6 (3+3)		
<b>MAJOR REQUIREMENTS (54 credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity & Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (12 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course (Recommended)*	3		
KINE 4000 Level – Any KINE course (Recommended)*	3		
<i>*These 4000 Level credits may be done in another Department. Students are reminded that 54 KINE credits are required for a Specialized Honours degree.</i>			
<b>OTHER COURSES</b>			
3000 or 4000 Level – Any Course/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
<b>UPPER-LEVEL REQUIREMENT</b>			
A minimum of 36 credits must be taken at the 3000 level or above. At least 18 credits must be at the 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (SPECIALIZED HONOURS BA) – (For Students Entering KINE 2009)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.  
Select your year of entry to review your degree requirements.  
The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

GENERAL EDUCATION REQUIREMENTS (18 Credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level or Modes of Reasoning (AP/MODR) 1000 level	6		
Natural Science (SC/NATS) 1000 Level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
<b>ELECTIVES</b>			
A minimum of 18 credits outside the major.			
Course outside major (HH/PSYC 1010 6.00. Pre-requisite for upper level KINE courses)	6 (3+3)		
Course outside major	6 (3+3)		
Course outside major	6 (3+3)		
<b>MAJOR REQUIREMENTS (54 credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (12 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course (Recommended)*	3		
KINE 4000 Level – Any KINE course (Recommended)*	3		
<i>*These 4000 Level credits may be done in another Department. Students are reminded that 54 KINE credits are required for a Specialized Honours degree.</i>			
<b>OTHER COURSES</b>			
3000 or 4000 Level – Any Course/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
<b>UPPER-LEVEL REQUIREMENT</b>			
A minimum of 36 credits must be taken at the 3000 level or above. At least 18 credits must be at the 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (SPECIALIZED HONOURS BA) – (For Students Entering KINE 2010 or 2011)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.  
Select your year of entry to review your degree requirements.  
The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

GENERAL EDUCATION REQUIREMENTS (18 Credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level or Modes of Reasoning (AP/MODR) 1000 level	6		
Natural Science (SC/NATS) 1000 Level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
ELECTIVES			
A minimum of 18 credits outside the major.			
Course outside major (HH/PSYC 1010 6.00. Pre-requisite for upper level KINE courses)	6 (3+3)		
Course outside major	6 (3+3)		
Course outside major	6 (3+3)		
MAJOR REQUIREMENTS (60 credits)			
KINESIOLOGY CORE COURSES (42 credits)			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
ADDITIONAL KINESIOLOGY COURSES (18 credits)			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course (Recommended)*	3		
KINE 4000 Level – Any KINE course (Recommended)*	3		
Any KINE course, any level	3		
Any KINE course, any level	3		
<i>*These 4000 Level credits may be done in another Department. Students are reminded that 60 KINE credits are required for a Specialized Honours degree.</i>			
OTHER COURSES			
3000 or 4000 Level – Any Course/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
UPPER-LEVEL REQUIREMENT			
A minimum of 36 credits must be taken at the 3000 level or above. At least 18 credits must be at the 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**



## Kinesiology and Health Science (SPECIALIZED HONOURS BA) – (For Students Entering KINE 2012)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.  
Select your year of entry to review your degree requirements.  
The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

GENERAL EDUCATION REQUIREMENTS (18 Credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level or Modes of Reasoning (AP/MODR) 1000 level	6		
Natural Science (SC/NATS) 1000 Level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
CREDITS OUTSIDE OF THE MAJOR			
A minimum of 18 credits outside the major.			
Course outside major (HH/PSYC 1010 6.00. Pre-requisite for upper level KINE courses)	6 (3+3)		
Course outside major	6 (3+3)		
Course outside major	6 (3+3)		
MAJOR REQUIREMENTS (60 credits)			
KINESIOLOGY CORE COURSES (42 credits)			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
ADDITIONAL KINESIOLOGY COURSES (18 credits)			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course (Recommended)*	3		
KINE 4000 Level – Any KINE course (Recommended)*	3		
Any KINE course, any level	3		
Any KINE course, any level	3		
<i>*These 4000 Level credits may be done in another Department. Students are reminded that 60 KINE credits are required for a Specialized Honours degree.</i>			
OTHER COURSES			
3000 or 4000 Level – Any Course/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
UPPER-LEVEL CREDITS			
A minimum of 36 credits must be taken at the 3000 level or above. At least 18 credits must be at the 4000 level, including at least 12 credits at the 4000 level, in the major.			
TOTAL ACADEMIC CREDITS REQUIRED		120	

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (HONOURS BA) –

(For Students Entering KINE 2006, 2007, or 2008)

*This checklist is an interpretation of the official degree requirements listed in the York University Calendar.*

*Select your year of entry to review your degree requirements.*

*The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)*

GENERAL EDUCATION REQUIREMENTS (24 Credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities or Social Science 1000 Level	9		
Humanities or Social Science 2000 Level	9		
Natural Science 1000 Level	6		
<b>Breadth Requirement:</b> The breadth requirement must be successfully completed before graduation and requires at least six credits from each of the following two areas:			
<b>Area I:</b> English, French studies, history, humanities, languages, literatures and linguistics, philosophy, writing.			
<b>Area II:</b> anthropology, criminology, economics, geography, political science, social science, sociology.			
<b>Note:</b> If the 1000-level nine-credit foundations course is taken in humanities, then the 2000-level nine-credit foundations course must be taken in social science (and vice versa).			
<b>ELECTIVES</b>			
A minimum of 18 elective credits outside the major.			
Course outside major (HH/PSYC 1010 6.00. Pre-requisite for upper level KINE courses)	6 (3+3)		
Course outside major	6 (3+3)		
Course outside major	6 (3+3)		
<b>MAJOR REQUIREMENTS (48credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (6 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
<b>OTHER COURSES</b>			
4000 Level – Any Department	6 (3+3)		
3000 or 4000 Level – Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
<b>UPPER-LEVEL REQUIREMENT</b>			
A minimum of 36 credits must be taken at the 3000 level or above. At least 18 credits must be at the 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (HONOURS BA) –

(For Students Entering KINE 2009, 2010 or 2011)

*This checklist is an interpretation of the official degree requirements listed in the York University Calendar.*

*Select your year of entry to review your degree requirements.*

*The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)*

GENERAL EDUCATION REQUIREMENTS (18 Credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level or Modes of Reasoning (AP/MODR) 1000 level	6		
Natural Science (SC/NATS) 1000 Level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
<b>ELECTIVES</b>			
A minimum of 18 credits outside the major.			
Course outside major (HH/PSYC 1010 6.00. Pre-requisite for upper level KINE courses)	6 (3+3)		
Course outside major	6 (3+3)		
Course outside major	6 (3+3)		
<b>MAJOR REQUIREMENTS (48credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (6 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
<b>OTHER COURSES</b>			
4000 Level – Any Department	6 (3+3)		
3000 or 4000 Level – Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
<b>UPPER-LEVEL REQUIREMENT</b>			
A minimum of 36 credits must be taken at the 3000 level or above. At least 18 credits must be at the 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

*Note – at least one course must be taken in each of the six core PKIN areas.*

## Kinesiology and Health Science (HONOURS BA) – (For Students Entering KINE 2012)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.  
Select your year of entry to review your degree requirements.  
The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

GENERAL EDUCATION REQUIREMENTS (18 Credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level or Modes of Reasoning (AP/MODR) 1000 level	6		
Natural Science (SC/NATS) 1000 Level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
<b>CREDITS OUTSIDE THE MAJOR</b>			
A minimum of 18 credits outside the major.			
Course outside major (HH/PSYC 1010 6.00. Pre-requisite for upper level KINE courses)	6 (3+3)		
Course outside major	6 (3+3)		
Course outside major	6 (3+3)		
<b>MAJOR REQUIREMENTS (48credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (6 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
<b>OTHER COURSES</b>			
4000 Level – Any Department	6 (3+3)		
3000 or 4000 Level – Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
Any Course/Any Level/Any Department	6 (3+3)		
<b>UPPER-LEVEL CREDITS</b>			
A minimum of 36 credits must be taken at the 3000 level or above. At least 18 credits must be at the 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (SPECIALIZED HONOURS B.Sc.) – (For Students Entering KINE 2008)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.  
Select your year of entry to review your degree requirements.  
The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

FACULTY REQUIREMENTS (27 CREDITS)	Credits	COURSES PASSED	COURSES PLANNED
General Education course	6		
General Education course	6		
6 credits from MATH 1505 6.00, MATH 1013 3.00, MATH 1014 3.00, MATH 1025 3.00	6		
9 credits from BIOL 1010 6.00; CHEM 1000 3.00 and/or CHEM1001 3.00; EATS 1010 3.00 and/or EATS 1011 3.00; PHYS 1010 6.00 or PHYS 1410 6.00; CSE 1520 3.00 or CSE 1540 3.00	9		
<b>MAJOR REQUIREMENTS (54 credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (12 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
KINE 3000 or 4000 Level – Any course	3		
KINE 3000 or 4000 Level – Any course	3		
<b>OTHER COURSES</b>			
3000 or 4000 Level	6 (3+3)		
3000 or 4000 Level	6 (3+3)		
Any Level	6 (3+3)		
Any Level	6 (3+3)		
Any Level	6 (3+3)		
HH/PSYC 1010 6.00 (Pre-requisite for upper level KINE courses.)	6		
Any Level	3		
<b>SCIENCE REQUIREMENT</b>			
Of the 120 credits, at least 84 credits must be earned in science courses.			
<b>UPPER-LEVEL REQUIREMENT</b>			
A minimum of 42 credits at the 3000 level or 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (SPECIALIZED HONOURS B.Sc.) – (For Students Entering KINE 2009)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.  
Select your year of entry to review your degree requirements.  
The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

FACULTY REQUIREMENTS (33 CREDITS)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level	6		
Modes of Reasoning (AP/MODR) 1000 level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
6 credits from MATH 1505 6.00, MATH 1013 3.00, MATH 1014 3.00, MATH 1025 3.00	6		
9 credits from BIOL 1010 6.00; CHEM 1000 3.00 and/or CHEM1001 3.00; EATS 1010 3.00 and/or EATS 1011 3.00; PHYS 1010 6.00 or PHYS 1410 6.00; CSE 1520 3.00 or CSE 1540 3.00	9		
<b>MAJOR REQUIREMENTS (54 credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (12 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
KINE 3000 or 4000 Level – Any course	3		
KINE 3000 or 4000 Level – Any course	3		
<b>OTHER COURSES</b>			
3000 or 4000 Level	6 (3+3)		
3000 or 4000 Level	6 (3+3)		
Any Level	6 (3+3)		
Any Level	6 (3+3)		
HH/PSYC 1010 6.00 (Pre-requisite for upper level KINE courses.)	6		
Any Level	3		
<b>SCIENCE REQUIREMENT</b>			
Of the 120 credits, at least 84 credits must be earned in science courses.			
<b>UPPER-LEVEL REQUIREMENT</b>			
A minimum of 42 credits at the 3000 level or 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (SPECIALIZED HONOURS B.Sc.) – (For Students Entering KINE 2010 or 2011)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.  
Select your year of entry to review your degree requirements.  
The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

FACULTY REQUIREMENTS (33 CREDITS)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level	6		
Modes of Reasoning (AP/MODR) 1000 level	6		
Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a>	6		
6 credits from MATH 1505 6.00, MATH 1013 3.00, MATH 1014 3.00, MATH 1025 3.00	6		
9 credits from BIOL 1000 3.00 and/or BIOL 1001 3.00; CHEM 1000 3.00 and/or CHEM1001 3.00; EATS 1010 3.00 and/or EATS 1011 3.00; PHYS 1010 6.00 or PHYS 1410 6.00 or PHYS 1420 6.00; CSE 1520 3.00 or CSE 1540 3.00 or CSE 1570 3.00	9		
<b>MAJOR REQUIREMENTS (60 credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (18 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
KINE 3000 or 4000 Level – Any course	3		
KINE 3000 or 4000 Level – Any course	3		
KINE Courses – Any level	6 (3 + 3)		
*Students are reminded that 60 KINE credits are required for a Specialized Honours degree.			
<b>OTHER COURSES</b>			
3000 or 4000 Level	6 (3+3)		
3000 or 4000 Level	6 (3+3)		
Any Level	6 (3+3)		
HH/PSYC 1010 6.00 (Pre-requisite for upper level KINE courses.)	6		
Any Level	3		
<b>SCIENCE REQUIREMENT</b>			
Of the 120 credits, at least 84 credits must be earned in science courses.			
<b>UPPER-LEVEL REQUIREMENT</b>			
A minimum of 42 credits at the 3000 level or 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (SPECIALIZED HONOURS B.Sc.) – (For Students Entering KINE 2012)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.

Select your year of entry to review your degree requirements.

The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

FACULTY REQUIREMENTS (18 credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level	6		
Modes of Reasoning (AP/MODR) 1000 level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
<b>BASIC SCIENCE REQUIREMENTS (15 credits)</b>			
6 credits from MATH 1505 6.00, MATH 1013 3.00, MATH 1014 3.00, MATH 1025 3.00	6		
3 credits from CSE 1520 3.00 or CSE 1540 3.00 or CSE 1570 3.00	3		
6 credits from BIOL 1000 3.00 and/or BIOL 1001 3.00; CHEM 1000 3.00 and/or CHEM1001 3.00; PHYS 1010 6.00 or PHYS 1410 6.00 or PHYS 1420 6.00	6		
<b>MAJOR REQUIREMENTS (60 credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (18 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
KINE 3000 or 4000 Level – Any course	3		
KINE 3000 or 4000 Level – Any course	3		
KINE Courses – Any level	6 (3 + 3)		
*Students are reminded that 60 KINE credits are required for a Specialized Honours degree.			
<b>OTHER COURSES</b>			
3000 or 4000 Level	6 (3+3)		
3000 or 4000 Level	6 (3+3)		
Any Level	6 (3+3)		
<b>SCIENCE REQUIREMENT (9 credits)</b>			
A minimum of 9 credits in science disciplines outside the major, at least three credits must be at the 2000 level or above.			
HH/PSYC 1010 6.00 (Pre-requisite for upper level KINE courses.)	6		
2000 Level or above – science course including psychology courses	3		
<b>UPPER-LEVEL CREDITS</b>			
A minimum of 42 credits at the 3000 level or 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**



## Kinesiology and Health Science (HONOURS B.Sc.) –

(For Students Entering KINE 2010 or 2011)

*This checklist is an interpretation of the official degree requirements listed in the York University Calendar.*

*Select your year of entry to review your degree requirements.*

*The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)*

FACULTY REQUIREMENTS (33 CREDITS)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level	6		
Modes of Reasoning (AP/MODR) 1000 level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
6 credits from MATH 1505 6.00, MATH 1013 3.00, MATH 1014 3.00, MATH 1025 3.00	6		
9 credits from BIOL 1000 3.00 and/or BIOL 1001 3.00; CHEM 1000 3.00 and/or CHEM1001 3.00; EATS 1010 3.00 and/or EATS 1011 3.00; PHYS 1010 6.00 or PHYS 1410 6.00 or PHYS 1420 6.00; CSE 1520 3.00 or CSE 1540 3.00 or CSE 1570 3.00	9		
<b>MAJOR REQUIREMENTS (48 credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (6 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
<b>OTHER COURSES</b>			
3000 or 4000 Level	6 (3+3)		
3000 or 4000 Level	6 (3+3)		
3000 or 4000 Level	6 (3+3)		
HH/PSYC 1010 6.00 (Pre-requisite for upper level KINE courses.)	6		
Any Level	6 (3+3)		
Any Level	6 (3+3)		
Any Level	3		
<b>SCIENCE REQUIREMENT</b>			
Of the 120 credits, at least 84 credits must be earned in science courses.			
<b>UPPER-LEVEL REQUIREMENT</b>			
A minimum of 42 credits at the 3000 level or 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

## Kinesiology and Health Science (HONOURS B.Sc.) – (For Students Entering KINE 2012)

This checklist is an interpretation of the official degree requirements listed in the York University Calendar.

Select your year of entry to review your degree requirements.

The York University Calendar is available online at: [www.registrar.yorku.ca/calendars/](http://www.registrar.yorku.ca/calendars/)

FACULTY REQUIREMENTS (18 credits)	CREDITS	COURSES PASSED	COURSES PLANNED
Humanities (AP/HUMA) 1000 or 2000 level	6		
Social Science (AP/SOSC) 1000 or 2000 level	6		
Modes of Reasoning (AP/MODR) 1000 level	6		
<i>Approved General Education Courses are available at: <a href="http://www.yorku.ca/health/current_students/GeneralEducation.html">www.yorku.ca/health/current_students/GeneralEducation.html</a></i>			
<b>BASIC SCIENCE REQUIREMENTS (15 credits)</b>			
6 credits from MATH 1505 6.00, MATH 1013 3.00, MATH 1014 3.00, MATH 1025 3.00	6		
3 credits from CSE 1520 3.00 or CSE 1540 3.00 or CSE 1570 3.00	3		
6 credits from BIOL 1000 3.00 and/or BIOL 1001 3.00; CHEM 1000 3.00 and/or CHEM1001 3.00; PHYS 1010 6.00 or PHYS 1410 6.00 or PHYS 1420 6.00	6		
<b>MAJOR REQUIREMENTS (48 credits)</b>			
<b>KINESIOLOGY CORE COURSES (42 credits)</b>			
KINE 1000 6.00 Sociocultural Perspectives in Kinesiology	6		
KINE 1020 6.00 Fitness and Health	6		
KINE 2011 3.00 Human Physiology I	3		
KINE 2031 3.00 Human Anatomy	3		
KINE 2049 3.00 Research Methods in Kinesiology	3		
KINE 2050 3.00 Analysis of Data in Kinesiology I	3		
KINE 3000 3.00 Psychology of Physical Activity and Health	3		
KINE 3012 3.00 Human Physiology II	3		
KINE 3020 3.00 Skilled Performance & Motor Learning	3		
KINE 3030 3.00 Biomechanics of Human Movement	3		
KINE 4010 3.00 Exercise Physiology	3		
KINE 4020 3.00 Human Nutrition	3		
<b>ADDITIONAL KINESIOLOGY COURSES (6 credits)</b>			
KINE 4000 Level – Any KINE course	3		
KINE 4000 Level – Any KINE course	3		
<b>OTHER COURSES</b>			
3000 or 4000 Level	6 (3+3)		
3000 or 4000 Level	6 (3+3)		
3000 or 4000 Level	6 (3+3)		
Any Level	6 (3+3)		
Any Level	6 (3+3)		
<b>SCIENCE REQUIREMENT (9 credits)</b>			
A minimum of 9 credits in science disciplines outside the major, at least three credits must be at the 2000 level or above.			
HH/PSYC 1010 6.00 (Pre-requisite for upper level KINE courses.)	6		
2000 Level or above - science course including psychology courses	3		
<b>UPPER-LEVEL CREDITS</b>			
A minimum of 42 credits at the 3000 level or 4000 level, including at least 12 credits at the 4000 level, in the major.			
<b>TOTAL ACADEMIC CREDITS REQUIRED</b>	<b>120</b>		

### PRACTICUM COURSES (PKIN)

Category	Course Number
Aquatics (PKIN 02XX)	
Team (PKIN 03XX)	
Individual/Dual (PKIN 04XX)	
Dance/Gymnastics (PKIN 05XX)	
Track and Field (PKIN 06XX)	
Emergency Care (PKIN 07XX)	
Elective (PKIN XXXX)	
Elective (PKIN XXXX)	

**Note – at least one course must be taken in each of the six core PKIN areas.**

# CERTIFICATE STREAMS

**NOTE:** Students may only be enrolled in one certificate at a time.

## Athletic Therapy Certificate

This program is accredited through the Canadian Athletic Therapists' Association. Students who wish to become Certified Athletic Therapists must complete this program in order to be eligible to write the Canadian Athletic Therapists' Association examinations. Certified Athletic Therapists work with active populations in the prevention, assessment, treatment and rehabilitation of orthopaedic and soft tissue injuries. Certified Athletic Therapists work in private clinics, with professional and amateur teams and in university settings.

The Athletic Therapy Certificate includes 24 credits encompassing prevention of athletic injuries, injury assessment, treatment and rehabilitation of athletic injuries, and the medical aspects of involvement in sport. Students who have a general interest in this area, but are not in the Athletic Therapy Certificate may enrol in HH/KINE 2490 3.00, HH/KINE 3575 3.00, HH/KINE 3600 3.00, and HH/KINE 4575 3.00.

### Admission to the Athletic Therapy Certificate Stream

The application process for this program includes an assessment of academic standing, a letter of application, and reference letters. Interviews are given to selected candidates. Applicants must have completed a minimum of 24 credits including HH/KINE 1000 6.00 and HH/KINE 1020 6.00 and achieved Honours standing. Standard First Aid and Basic Rescuer CPR certification (or HH/PKIN 0750 0.00) is required for application to the program.

### Required Academic Courses

The Kinesiology and Health Science core plus the following requirements must be met to receive the Certificate in Athletic Therapy.

HH/KINE 2490 3.00	Athletic Therapy I
HH/KINE 3575 3.00	Athletic Injuries - Extremities
HH/KINE 3600 3.00	Athletic Therapy II
HH/KINE 3460 3.00	Human Regional Anatomy I
HH/KINE 4575 3.00	Athletic Injuries – Body Core
HH/KINE 4590 6.00	Advanced Athletic Therapy Assessment and Rehabilitation

Plus **three credits** selected from the following courses:

HH/KINE 3465 3.00	Human Regional Anatomy II
HH/KINE 4430 3.00	Business Skills for Fitness Professionals
HH/KINE 4460 3.00	Occupational Biomechanics
HH/KINE 4470 3.00	Muscle and Joint Biomechanics
HH/KINE 4475 3.00	Clinical Biomechanics
HH/KINE 4565 3.00	Epidemiology of Injury Prevention
HH/KINE 4740 3.00	Psychology of Sport Injury and Rehab
HH/KINE 4900 3.00	Exercise Therapy for Chronic Diseases

### Required Practicum Courses

Kinesiology and Health Science Practicum Core. plus:

HH/PKIN 0761 0.00	First Responder for Athletic Therapy I
HH/PKIN 0762 0.00	First Responder for Athletic Therapy II
HH/PKIN 0821 0.00	Athletic Therapy Clinical Practicum I
HH/PKIN 0822 0.00	Athletic Therapy Clinical Practicum II

### Comprehensive Examination and Academic Standing

The Athletic Therapy Certificate has a final comprehensive examination to evaluate overall competence. This examination is a part of the Advanced Athletic Therapy Assessment and Rehabilitation course (HH/KINE 4590 6.0) and covers all aspects of sports injury prevention, treatment, rehabilitation, and modalities. Students in the Certificate must maintain Honours standing and an overall 5.0 (C+) average in the required certificate courses.

### Placement Opportunities

Within the School of Kinesiology and Health Science, placement experiences are available within the varsity sport program, intramurals, and the Tait McKenzie Sport Injury Clinic.

### Suggested Additional Courses

The following courses are highly recommended for the students in the Athletic Therapy Certificate Stream:

HH/KINE 3340 3.00	Growth, Maturation and Physical Activity
HH/KINE 3465 3.00	Human Regional Anatomy II
HH/KINE 3570 3.00	Theory and Methodology of Training

HH/KINE 3645 3.00	Physical Activity and Health Promotion
HH/KINE 4420 3.00	Relaxation: Theory and Practice
HH/KINE 4430 3.00	Business Skills for Sport and Fitness Professionals
HH/KINE 4460 3.00	Occupational Biomechanics
HH/KINE 4470 3.00	Muscle and Joint Biomechanics
HH/KINE 4710 3.00	Psychology of Health and Chronic Disease
HH/KINE 4730 3.00	Psychology of Pain

For further information, please contact:  
 School of Kinesiology and Health Science  
 416-736-5807  
 Frances Flint, Ph.D., CAT (C), ATC  
 Certificate Coordinator  
[www.yorku.ca/health/kine/cert\\_athletictherapy.html](http://www.yorku.ca/health/kine/cert_athletictherapy.html)

## Fitness Assessment and Exercise Counselling Certificate

The fitness movement has been growing dramatically over the past three decades. Many Canadians have become convinced that enhanced fitness leads to healthier, longer and more enjoyable lives. Corporations have learned that improved employee fitness translates into increased productivity. Governments, faced with soaring medical expenses, have come to realize that preventive medicine is a more cost effective solution to health care and they are now committed to promoting healthy lifestyles.

Consequently, the "business" of fitness with all of its spin-off enterprises is one of the fastest growing industries in Canada. With this growth there has developed an increasing opportunity for employment. During the early years there was virtually no regulation on the qualifications of fitness practitioners. However, with increasing consumer sophistication and both public and government concerns for quality control, there was a demand for qualified fitness professionals. Therefore, national certification programs were developed for fitness practitioners and with the implementation of government sanctioned provincial fitness safety standards, these have become essential qualifications for persons seeking employment in the fitness industry.

The York University Certificate in Fitness Assessment and Exercise Counselling is earned concurrently with the honours degree in Kinesiology & Health Science by selecting specified elective courses in addition to the required core courses. The successful completion of the degree and certificate courses enables students to obtain one of the Canadian Society for Exercise Physiology (CSEP) designations: CSEP-Certified Personal Trainer® or CSEP-Certified

Exercise Physiologist®. The CSEP is the GOLD STANDARD of health and fitness professionals dedicated to getting Canadians active safely by providing the highest quality customized and specialized physical activity and fitness programs, guidance and advice based on extensive training and evidence-based research.

### Admission Requirements

Students must be degree candidates in Kinesiology and Health Science or special students with previously completed Kinesiology related degrees. Application to the certificate program may be made after completing a minimum of 24 credits (including HH/KINE 1020 6.00). Students are also accepted after their second and third years of study.

### Program Outline

In addition to completing all of the core courses required for an Honours major in Kinesiology and Health Science, the following requirements must be met to receive the Certificate in Fitness Assessment and Exercise Counselling.

### Required Elective Academic Courses

Kinesiology and Health Science Core, and:

HH/KINE 3400 3.00	Fitness Consulting and Personal Fitness Training
HH/KINE 3575 3.00	Athletic Injuries - Extremities
HH/KINE 3640 3.00	Epidemiology of Physical Activity, Fitness and Health
HH/KINE 4400 6.00	Advanced Fitness/Lifestyle Assessment and Counselling
HH/KINE 4430 3.00	Business Skills for Sport and Fitness Professionals
HH/KINE 4900 3.00	Exercise Therapy for Chronic Diseases

**Plus three credits** selected from the following courses:

HH/KINE 4455 3.00	Biomechanics and Motor Control Laboratory
HH/KINE 4460 3.00	Occupational Biomechanics
HH/KINE 4470 3.00	Muscle and Joint Biomechanics
HH/KINE 4475 3.00	Clinical Biomechanics

### Required Practicum Courses

Kinesiology and Health Science Practicum Core, plus:

HH/PKIN 0861 0.00	Personal Training I
HH/PKIN 0862 0.00	Personal Training II

### For applications and more information contact:

Veronica Jamnik, Ph.D., Program Coordinator  
 355 Bethune College 416-736-2100 ext 22995  
[www.yorku.ca/health/kine/cert\\_fitnessassessment.html](http://www.yorku.ca/health/kine/cert_fitnessassessment.html)

# COURSES

## Academic Course List

Kinesiology and Health Science students can choose from a diverse selection of courses. This section contains short descriptions of all academic and practicum courses. View Course Timetables on the Current Students Web site for offerings, not all courses are offered every academic year.

**NOTE:** *BSc Students – courses indicated in **BOLD** DO NOT count for science credit.*

### 1000 Level

HH/KINE 1000 6.00	Sociocultural Perspectives in Kinesiology
HH/KINE 1020 6.00	Fitness and Health

### 2000 Level

HH/KINE 2011 3.00	Human Physiology I
HH/KINE 2031 3.00	Human Anatomy
HH/KINE 2049 3.00	Research Methods in Kinesiology
HH/KINE 2050 3.00	Analysis of Data in Kinesiology I
<b>HH/KINE 2380 3.00</b>	<b>Introduction to Sport Administration</b>
HH/KINE 2475 3.00	Coaching: The Art and Science
HH/KINE 2490 3.00	Athletic Therapy I

### 3000 Level

HH/KINE 3000 3.00	Psychology of Physical Activity and Health
HH/KINE 3012 3.00	Human Physiology II
HH/KINE 3020 3.00	Skilled Performance and Motor Learning
HH/KINE 3030 3.00	Biomechanics of Human Movement
HH/KINE 3100 3.00	Health Psychology and Kinesiology
HH/KINE 3150 3.00	Analysis of Data in Kinesiology II
<b>HH/KINE 3240 3.00</b>	<b>Behavioural Approach to Administration of Fitness and Sport</b>
HH/KINE 3340 3.00	Growth, Maturation and Physical Activity
HH/KINE 3345 3.00	Adapted Physical Activity
HH/KINE 3350 3.00	Physical Activity, Health and Aging
<b>HH/KINE 3360 3.00</b>	<b>Gender and Sexuality in Sport and Health</b>
HH/KINE 3400 3.00	Fitness Consulting and Personal Fitness Training
<b>HH/KINE 3420 3.00</b>	<b>Cultural Studies of Sport, Leisure and Health</b>
<b>HH/KINE 3430 3.00</b>	<b>Canadian Culture and Physical Activity</b>

<b>HH/KINE 3440 3.00</b>	<b>Olympic Games: Heroes and Villains at Play</b>
HH/KINE 3450 3.00	Athletic Injuries
HH/KINE 3460 3.00	Regional Human Anatomy I
HH/KINE 3465 3.00	Regional Human Anatomy II
HH/KINE 3480 3.00	Outdoor and Experiential Education
<b>HH/KINE 3490 3.00</b>	<b>Politics and Policy in the Sport Industry</b>
<b>HH/KINE 3510 3.00</b>	<b>Sport Marketing and Event Management</b>
<b>HH/KINE 3530 3.00</b>	<b>Theories of Play</b>
HH/KINE 3570 3.00	Theory and Methodology of Training
HH/KINE 3575 3.00	Athletic Injuries - Extremities
<b>HH/KINE 3580 3.00</b>	<b>Coaching: The Strategy and Tactics of Sport</b>
HH/KINE 3600 3.00	Athletic Therapy II
HH/KINE 3610 3.00	Coaching: Psychological and Sociological Aspects
<b>HH/KINE 3620 3.00</b>	<b>Sociology of Sport I</b>
HH/KINE 3635 3.00	Fundamentals of Epidemiology
HH/KINE 3640 3.00	Epidemiology of Physical Activity, Fitness and Health
HH/KINE 3645 3.00	Physical Activity and Health Promotion
HH/KINE 3650 3.00	Functional Neuroanatomy
HH/KINE 3670 3.00	Molecular and Cellular Neuroscience with Applications to Health
HH/KINE 3710 3.00	Immune System in Health and Disease

### 4000 Level

HH/KINE 4010 3.00	Exercise Physiology
HH/KINE 4020 3.00	Human Nutrition
HH/KINE 4060 3.00/6.00	Independent Studies in Kinesiology & Health Science
HH/KINE 4100 6.00	Honours Thesis
HH/KINE 4120 3.00	Nutritional Aids in Sport and Exercise
HH/KINE 4130 3.00	Advanced Human Nutrition
HH/KINE 4140 3.00	Nutrition and Human Diseases
HH/KINE 4210 3.00	Disorders of Visual Cognition
HH/KINE 4220 3.00	Human Motor Control and Learning
HH/KINE 4230 3.00	Neuronal Development for Activity and Health
HH/KINE 4240 3.00	Applied Human Factors
HH/KINE 4250 3.00	Physical Activity and Cognition
<b>HH/KINE 4340 3.00</b>	<b>Sport, "Race" and Popular Culture in Canada</b>
<b>HH/KINE 4370 3.00</b>	<b>Body as Light: Meditation Practices</b>
<b>HH/KINE 4375 3.00</b>	<b>Body as Weapon: Martial Arts/Combat Training</b>
HH/KINE 4400 6.00	Advanced Fitness/Lifestyle Assessment and Counselling
HH/KINE 4410 3.00	Obesity: Assessment, Treatment and Implications
<b>HH/KINE 4420 3.00</b>	<b>Relaxation: Theory and Practice</b>

HH/KINE 4421 3.00	Relaxation II: Research and Application	HH/KINE 4660 3.00	Exercise and Addictive Behaviours
<b>HH/KINE 4430 3.00</b>	<b>Business Skills for Sport and Fitness Professionals</b>	HH/KINE 4710 3.00	Psychology of Health and Chronic Disease
HH/KINE 4440 3.00	Advanced Exercise Physiology: Muscle	HH/KINE 4715 3.00	Chronic Disease Field Placement
HH/KINE 4445 3.00	Physiological Basis of Fatigue	HH/KINE 4720 3.00	Psychology of Heart Diseases
HH/KINE 4448 3.00	Advanced Human Physiology: Endocrinology	HH/KINE 4730 3.00	Psychology of Pain
HH/KINE 4450 3.00	Advanced Exercise Physiology: Cardiovascular	HH/KINE 4740 3.00	Psychology of Sport Injury and Rehabilitation
HH/KINE 4453 3.00	Vascular Function in Health and Disease	HH/KINE 4800 3.00	Human Cadaver Dissection
HH/KINE 4455 3.00	Movement Analysis Laboratory	HH/KINE 4900 3.00	Exercise Therapy for Chronic Diseases
HH/KINE 4460 3.00	Occupational Biomechanics		
HH/KINE 4470 3.00	Muscle and Joint Biomechanics		
HH/KINE 4475 3.00	Clinical Biomechanics		
<b>HH/KINE 4480 3.00</b>	<b>Sociology of Sport II</b>		
<b>HH/KINE 4485 3.00</b>	<b>Social Determinants of Physical Activity and Health in Canada</b>		
<b>HH/KINE 4490 3.00</b>	<b>Philosophical Issues in Kinesiology and Health Science</b>		
<b>HH/KINE 4495 3.00</b>	<b>Doctors, Trainers and Drugs: The Socio-Cultural Study of Sports and Medicine</b>		
HH/KINE 4500 3.00	Neural Control of Movement		
HH/KINE 4505 3.00	Neurophysiology of Movement in Health and Disease		
HH/KINE 4510 3.00	Cellular and Molecular Basis of Muscle Physiology		
HH/KINE 4515 3.00	Stem Cells: Physiology and Therapeutic Applications		
HH/KINE 4516 3.00	Mitochondria in Health and Disease		
HH/KINE 4518 3.00	Molecular Basis of Selected Diseases		
HH/KINE 4520 3.00	Sport Psychology Seminar		
<b>HH/KINE 4560 3.00</b>	<b>Physical Activity and Children: Pedagogy</b>		
HH/KINE 4565 3.00	Epidemiology of Injury Prevention		
HH/KINE 4575 3.00	Athletic Injuries - Body Core		
HH/KINE 4580 3.00	Treatment and Rehabilitation of Sports Injuries		
HH/KINE 4590 6.00	Advanced Athletic Therapy Assessment and Rehabilitation		
HH/KINE 4595 3.00	Ethics for Kinesiology and Health		
HH/KINE 4600 3.00	Coaching: Science and Methodology		
<b>HH/KINE 4620 3.00</b>	<b>Counselling Skills for Kinesiology and Health Science</b>		
HH/KINE 4640 3.00	Lifestyle and Current Health Issues		
<b>HH/KINE 4645 3.00</b>	<b>Active Living and Ageing</b>		
HH/KINE 4650 3.00	Sport, Physical Activity and Youth Development		

# Academic Course Descriptions

## 1000 Level

### **HH/KINE 1000 6.00 Sociocultural Perspectives in Kinesiology**

Introduction to the concept of the 'social body' through study of Western historical legacies and sociological factors of class, gender, 'race', culture with emphasis on sport sociology. Critical reading and research essay skills. Course credit exclusions: AS/SC/KINE 1000 3.00 (prior to Fall/Winter 1998-1999), AS/SC/KINE 1000 4.00 (prior to Fall/Winter 2005-2006), AS/SC/KINE 2010 3.00 (prior to Fall/Winter 2000-2001), AS/SC/PHED 1000 3.00 (prior to Fall/Winter 1996-1997), AS/SC/PHED 1010 3.00 (prior to Fall/Winter 1996-1997), AS/SC/PHED 2010 3.00 (prior to Fall/Winter 1996-1997).

### **HH/KINE 1020 6.00 Fitness and Health**

An examination of the components and principles of fitness and health with particular attention to the evaluation and modification of fitness and health status. Course credit exclusions: AS/SC/KINE 1020 3.00 (prior to Fall/Winter 1998-1999), AS/SC/KINE 1020 4.00 (prior to Fall/Winter 2003-2004), AS/SC/KINE 1020 5.00 (prior to Fall/Winter 2006-2007), AS/SC/PHED 1020 3.00 (prior to Fall/Winter 1996-1997).

## 2000 Level

### **HH/KINE 2011 3.00 Human Physiology I**

The focus of this course is the cellular basis of human physiology. Basic principles of physiology are presented from the viewpoint of the simplest structural unit-the cell-in order to provide a sound basis for understanding complex multi-cellular organisms in subsequent courses. Course credit exclusions: AS/HH/SC/KINE 3011 3.00.

### **HH/KINE 2031 3.00 Human Anatomy**

An overview of the organization and structure of the human body. Each of the following systems is examined with respect to cell morphology, cell and tissue arrangement and inter-systems organization: skeletal, muscular, nervous, circulatory, lymphatic, respiratory, urinary, reproductive and endocrine. Course credit exclusions: AS/SC/KINE 3070 3.00 (prior to Fall/Winter 1997-1998), AS/SC/PHED 2070 3.00 (prior to Fall/Winter 1996-1997), SC/PHED 2070 4.00 (prior to Fall/Winter 1996-1997), AS/PHED 3070 3.00 (prior to Fall/Winter 1996-1997), SC/PHED 3070 4.00 (prior to Fall/Winter 1996-1997), SC/NATS 1650 6.00.

### **HH/KINE 2049 3.00 Research Methods in Kinesiology**

This course introduces students to the procedures utilized to design and conduct research in the discipline of kinesiology. Course credit exclusions: AS/SC/KINE 2049 4.00 (prior to Fall/Winter 2004-2005), AK/AS/HH/SC/PSYC 2030 3.00, AK/HH/PSYC 2530 3.00.

### **HH/KINE 2050 3.00 Analysis of Data in Kinesiology I**

An introduction to scientific method and the statistical analysis of experimental data. The conduct of simple experiments, techniques of naturalistic observation and the analysis of resulting data using fundamental concepts of descriptive and inferential statistics. Prerequisite: AS/HH/SC/KINE 2049 4.00. Course credit exclusions: SC/BIOL 2060 3.00, AS/ECON 2500 3.00, ES/ENVS 2010 6.00, ES/ENVS 2010 3.00, AS/SC/GEOG 2420 3.00, AS/SC/MATH 1132 3.00, AK/AS/SC/MATH 2500 3.00, AK/AS/SC/MATH 2560 3.00, AK/AS/SC/MATH 2565 3.00, AS/SC/PHED 2050 3.00 (prior to Fall/Winter 1996-1997), AS/POLS 3300 6.00, AK/AS/HH/SC/PSYC 2020 6.00, AK/AS/HH/SC/PSYC 2021 3.00, AK/HH/PSYC 2510 3.00, AS/SOCI 2030 6.00, AS/SOCI 3030 6.00.

### **HH/KINE 2380 3.00 Introduction to Sport Administration**

This course is designed to introduce students to the knowledge and skills needed to be successful in sport management. Topics include leadership styles, communication and change management skills, creative problem-solving and an introduction to event management and marketing. Course credit exclusions: None. Note: This course does not count for science credit.

### **HH/KINE 2475 3.00 Coaching: The Art and Science**

This course introduces the fundamental principles involved in the coaching process. Background and philosophic issues related to the coach and the athlete are explored. Course credit exclusions: None. Note: Upon successful completion of this course, students receive Level I Theory certification of the National Coaching Certificate Program.

### **HH/KINE 2490 3.00 Athletic Therapy I**

The purpose of the course is to provide students with a broad spectrum of knowledge relating to the physiological, psychosocial and pathological aspects of participation in sport with an emphasis on the management factors in injury prevention and remediation. Prerequisite or corequisite: AS/HH/SC/KINE 2031 3.00. Course credit exclusions: AS/SC/PHED 2490 3.00 (prior to Fall/Winter 1996-1997).

## 3000 Level

### **HH/KINE 3000 3.00 Psychology of Physical Activity and Health**

An overview of the theoretical frameworks and psychological principles related to physical activity, exercise and sport. Prerequisites: AS/HH/SC/KINE 1000 6.00; AS/HH/SC/KINE 1020 6.00; AS/HH/SC/KINE 2049 3.00; AS/HH/SC/KINE 2050 3.00; AS/SC/PSYC 1010 6.00. Course credit exclusions: AS/SC/KINE 2000 3.00 (prior to Fall/Winter 2007-2008).

### **HH/KINE 3012 3.00 Human Physiology II**

The principles of homeostasis and physiological regulation are studied in relation to the cardiorespiratory, renal, locomotor, reproductive and digestive systems. Laboratory work is an essential part of the course. Prerequisite: AS/HH/SC/KINE 2011 3.00 or AS/HH/SC/KINE 3011 3.00. Introductory biology or life science is highly recommended. Course credit exclusions: AS/SC/KINE 3070 3.00 (prior to Fall/Winter 1997-1998), AS/SC/PHED 2070 3.00 (prior to Fall/Winter 1996-1997), SC/PHED 2070 4.00 (prior to Fall/Winter 1996-1997), AS/SC/PHED 3010 3.00 (prior to Fall/Winter 1996-1997), SC/PHED 3010 4.00 (prior to Fall/Winter 1996-1997), AS/PHED 3070 3.00 (prior to Fall/Winter 1996-1997), SC/PHED 3070 4.00 (prior to Fall/Winter 1996-1997).

### **HH/KINE 3020 3.00 Skilled Performance and Motor Learning**

An introduction to the analysis and development of skilled performance. Prerequisites: AS/HH/SC/KINE 2050 3.00; AS/SC/PSYC 1010 6.00. Course credit exclusions: AS/SC/PHED 3020 3.00 (prior to Fall/Winter 1996-1997).

### **HH/KINE 3030 3.00 Biomechanics of Human Movement**

Human movement is investigated with particular reference to the laws of physics (mechanics) and anatomical concepts as applied to joint motion and muscular action. Application of biomechanics to sports skills execution and laboratory exposure to contemporary analysis are included. Prerequisite: HH/KINE 2031 3.00. Course credit exclusions: AS/SC/PHED 3030 3.00 (prior to Fall/Winter 1996-1997).

### **HH/KINE 3100 3.00 Health Psychology and Kinesiology**

This course provides an overview of primary topics in health psychology, emphasizing both psychological research approaches specific to physical activity and its application to behaviours related to eating and weight, pain, cancer and related diseases. Prerequisites for this course: AK/AS/HH/SC/PSYC 1010 6.00. Course credit exclusions: AK/AS/HH/SC/PSYC 3170 3.00.

### **HH/KINE 3150 3.00 Analysis of Data in Kinesiology II**

This intermediate course in inferential statistics includes t-tests, multiple regression, ANOVA and selected non-parametric statistics. Practical applications to research in kinesiology and health science are emphasized. Prerequisite: AS/HH/SC/KINE 2050 3.00. Course credit exclusions: AK/ADMS 3320 3.00 (prior to Fall/Winter 2005-2006), AK/MATH 2720 3.00, SC/BIOL 2060 3.00, AS/ECON 3500 3.00, ES/ENVS 2010 6.00, AS/SC/GEOG 2420 3.00, AS/SC/MATH 1132 3.00, AK/AS/SC/MATH 2500 3.00, AK/AS/SC/MATH 2570 3.00, AS/POLS 3300 6.00, AK/AS/HH/SC/PSYC 2020 6.00, AK/AS/HH/SC/PSYC 2022 3.00, AK/HH/PSYC 3110 3.00, AS/SOCI 3030 6.00.

### **HH/KINE 3240 3.00 Behavioural Approach to Administration of Fitness and Sport**

The focus of this course is on working with people. Students learn the theory and practice of team building, communication and counselling skills. Course credit exclusions: AS/PHED 2420 3.00 (prior to Fall/Winter 1996-1997). Note: This course does not count for science credit.

### **HH/KINE 3340 3.00 Growth, Maturation and Physical Activity**

The major purpose of this course is to examine and discuss the literature and research studies in those aspects of physical growth and development that directly concern educators. Individual differences in growth and development are stressed throughout. Course credit exclusions: AS/SC/PHED 3340 3.00 (prior to Fall/Winter 1996-1997).

### **HH/KINE 3345 3.00 Adapted Physical Activity**

Addresses topics related to working with differently abled individuals in a physical activity setting. Theoretical and applied aspects of working with differently abled populations are introduced. Assessment, instruction and evaluation are addressed. Adaptations and modifications are taught for diverse settings including school, recreation and sport. Both lecture and practical activity sessions are utilized. Prerequisite: HH/KINE 1000 6.00; HH/KINE 2031 3.00. Course credit exclusions: None.

### **HH/KINE 3350 3.00 Physical Activity, Health and Aging**

The course examines the aging process, lifestyle changes and the effect of physical activity on the health of aging adults. Prerequisites: AS/HH/SC/KINE 1020 6.00; AS/HH/SC/KINE 2020 3.00. Note: Internet use is required for this course. Course credit exclusions: None.

### **HH/KINE 3360 3.00 Gender and Sexuality in Sport and Health**

The course introduces students to the social production of gender (including femininity and masculinity) and sexuality and how it impacts the



worlds of sport and health. The course introduces students to feminist and queer theory approaches within the discipline. Prerequisite: HH/KINE 1000 6.00. Course credit exclusions: HH/KINE 4350 3.00; HH/KINE 4360 3.00. Note: This course does not count for science credit.

### **HH/KINE 3400 3.00 Fitness Consulting and Personal Fitness Training**

This course provides detailed theoretical and practical instruction on physical activity/exercise prescription, management, and supervision and intervention strategies with a focus on health-related fitness outcomes. Prerequisites: AS/HH/SC/KINE 1020 6.00; AS/HH/SC/KINE 2031 3.00; AS/HH/SC/KINE 3011 3.00. Corequisite: AS/HH/SC/KINE 3012 3.00; AS/HH/SC/KINE 3030 3.00. Course credit exclusions: None.

### **HH/KINE 3420 3.00 Cultural Studies of Sport, Leisure and Health**

This course offers students an opportunity to examine key concepts in cultural studies, such as representation, media, identity and hegemony as they relate to sport, leisure and health. The course adopts a multi-method approach. Prerequisite: HH/KINE 1000 6.00. Course credit exclusions: None. Note: This course does not count for science credit.

### **HH/KINE 3430 3.00 Canadian Culture and Physical Activity**

This course examines how Canadian physical activity and health has been organized since Confederation and the processes by which people have fashioned sport and health within economic, social, and political struggles and changes. The course focuses upon the history of Canadian sports, physical education, physical fitness and recreation. Course credit exclusions: AS/PHED 3430 3.00 (prior to Fall/Winter 1996-1997). Note: This course does not count for science credit.

### **HH/KINE 3440 3.00 Olympic Games: Heroes and Villains at Play**

A comparative analysis of recent developments and characteristics of physical education and sports in representative nations and world regions. The course covers objectives, methods, personnel and facilities in physical education and evaluation of selected national sports programs. Course credit exclusions: AS/PHED 3440 3.00 (prior to Fall/Winter 1996-1997). Note: This course does not count for science credit.

### **HH/KINE 3450 3.00 Athletic Injuries**

An introductory examination of prevention, recognition and treatment of common athletic injuries. Follow-up remedial procedures and therapeutic modalities to enhance healing are also studied. Prerequisite: HH/KINE 2031 3.00. Course credit exclusions: AS/SC/PHED 3450 3.00 (prior to Fall/Winter 1996-1997).

### **HH/KINE 3460 3.00 Regional Human Anatomy I**

A comprehensive study of the structures of the human body. This course includes an examination of the upper limb, lower limb and back. Prerequisite: AS/HH/SC/KINE 2031 3.00. Course credit exclusions: AS/SC/PHED 3460 3.00 (prior to Fall/Winter 1996-1997).

### **HH/KINE 3465 3.00 Regional Human Anatomy II**

This course examines, in detail, the anatomical regions of the head, neck, back and thorax. Prerequisite: AS/HH/SC/KINE 2031 3.00. Course credit exclusions: AS/SC/KINE 3050C 3.00 (prior to Fall/Winter 1998-1999).

### **HH/KINE 3480 3.00 Outdoor and Experiential Education**

This course introduces fundamental principles and practices of outdoor and experiential education. Current theories, issues, trends and practices are discussed and the objectives of a range of outdoor programs are considered. Course credit exclusions: AS/SC/PHED 3480 3.00 (prior to Fall/Winter 1996-1997).

### **HH/KINE 3490 3.00 Politics and Policy in the Sport Industry**

Discussions about power, politics and ethics as they relate to current sport policy issues are explored. Policy development and policy analysis skills are learned and applied to issues in professional sport, amateur sport and university athletics. Course credit exclusions: AS/PHED 3490 3.00 (prior to Fall/Winter 1996-1997). Note: This course does not count for science credit.

### **HH/KINE 3510 3.00 Sport Marketing and Event Management**

The purpose of this course is to provide students with both the theory and practical skills required to organize and manage events. Additionally, students have the opportunity to learn from professionals working in this field. Course credit exclusions: AS/PHED 3510 3.00 (prior to Fall/Winter 1996-1997). Note: This course does not count for science credit.

### **HH/KINE 3530 3.00 Theories of Play**

A critical analysis of definitions, concepts, philosophies and assumptions of classical, recent and modern theories of play with implications for macro and micro programming and planning for play service systems. Prerequisite: A 1000-level Social Science course. Course credit exclusions: AS/PHED 3530 3.00 (prior to Summer 1996). Note: This course does not count for science credit.

**HH/KINE 3570 3.00 Theory and Methodology of Training**

The course provides an examination of the scientific and methodological theories, techniques and planning methods utilized in the training of the skilled athlete, with practical application to selected sports.

Prerequisites: AS/HH/SC/KINE 1000 6.00; AS/HH/SC/KINE 1020 6.00. Course credit exclusions: AS/PHED 3570 3.00 (prior to Fall/Winter 1996-1997).

**HH/KINE 3575 3.00 Athletic Injuries - Extremities**

This course is an introduction to athletic injuries including injury classification, basic level assessment of the extremities, tissue healing, protective equipment, basic treatment, and common injuries to the extremities. Prerequisite/Corequisite: AS/HH/SC KINE 2031 3.00. Course credit exclusions: AS/HH/SC KINE 3450 3.00.

**HH/KINE 3580 3.00 Coaching: The Strategy and Tactics of Sport**

This course investigates the conceptual basis of strategic and tactical planning for sports performance. An emphasis is placed on analyzing the variety of sources that contribute to the conceptual framework a coach may use in formulating strategic and tactical plans. Prerequisites or corequisites: AS/HH/SC/KINE 2475 3.00. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 3600 3.00 Athletic Therapy II**

This course provides students with a broad spectrum of knowledge relating to the physiological and pathological aspects of participation in sport with an emphasis on detection and human factors in injury prevention and remediation. Prerequisite:

AS/HH/SC/KINE 2490 3.00. Course credit exclusions: AS/SC/PHED 3600 3.00 (prior to Fall/Winter 1996-1997).

**HH/KINE 3610 3.00 Coaching: Psychological and Sociological Aspects**

The course focuses upon the application of principles of psychology to coaching. An examination of philosophy of coaching, legal liability, socialization and team dynamics is also undertaken with a view to establishing effective coaching methodology.

Prerequisites: AS/HH/SC/KINE 2475 3.00; AS/HH/SC/PSYC 1010 6.00. Course credit exclusions: AS/SC/PHED 2470 6.00 (prior to Fall/Winter 1996-1997), AS/SC/PHED 3610 3.00 (prior to Fall/Winter 1996-1997).

**HH/KINE 3620 3.00 Sociology of Sport I**

Sociological analysis of sport in contemporary society with particular emphasis on issues relating to children, gender and the Canadian scene. Course credit exclusions: AS/SC/PHED 3620 3.00 (prior to Fall/Winter 1996-1997), AP/SOCI 3670 3.00. Note: This course does not count for science credit.

**HH/KINE 3635 3.00 Fundamentals of Epidemiology**

The course provides an introduction to the basic principles of Epidemiology with emphasis on studies undertaken in the field of kinesiology. Topics include: understanding of different study designs, analytic methods used, validity, outbreak investigation, diagnostic tests and causation. Prerequisite: AS/HH/SC/KINE 2050 3.00. Course credit exclusions: None.

**HH/KINE 3640 3.00 Epidemiology of Physical Activity, Fitness and Health**

This course provides an in-depth assessment of the epidemiology of physical activity, fitness and health. General concepts of epidemiology are covered, as well as associations among activity, exercise, fitness and disease/risk factors. Course credit exclusions: AS/SC/KINE 3050B 3.00 (prior to Fall/Winter 1998-1999).

**HH/KINE 3645 3.00 Physical Activity and Health Promotion**

This course explores the Canadian context of health promotion and physical activity with a specific emphasis on health communication, "best practices" in programming for communities, workplaces, schools and health care settings, and the development of public policy. Prerequisites: AS/HH/SC/KINE 1020 6.00. Course credit exclusions: None.

**HH/KINE 3650 3.00 Functional Neuroanatomy**

This course investigates the anatomy of the central nervous system, additionally discussing the clinical functional relevance of each area. Prerequisite: HH/KINE 2031 3.00 or SC/BIOL 4370 3.00 or HH/PSYC 3250 3.00. Course credit exclusions: None.

**HH/KINE 3670 3.00 Molecular and Cellular Neuroscience with Applications to Health**

The course covers the basic principles of molecular and cellular neuroscience. The course introduces students to the most basic fundamentals of neuroscience, which is the study of the functional properties of the nervous system and relationship between brain and disease. Topics covered range from neuronal structure and function, communication at the synapse and neuromuscular junction, membrane receptors, synaptic transmission, neurotransmitters to the intra- and intercellular signaling systems within the sensory, motor and memory systems. This course provides the background for higher-level courses that deal with more specialized topics in neuroscience and the neurobiology of disease. Prerequisite: HH/KINE 3012 3.00. Course credit exclusions: HH/KINE 4512 3.00 (prior to Summer 2009).

### **HH/KINE 3710 3.00 Immune System in Health and Disease**

The immune system in health and disease is designed to provide students with an overview of the immune system including innate and adaptive immunity. The emphasis is on normal immune function and on human diseases with immune origin or immune components particularly diseases where motion is limited by disease such as the arthritises. Prerequisite: HH/KINE 2011 3.00; HH/KINE 3012 3.00. Course credit exclusions: SC/BIOL 3120 3.00.. Note: May not be taken for credit by Biology or Biochemistry majors.

## **4000 Level**

### **HH/KINE 4010 3.00 Exercise Physiology**

The study of the physiological mechanisms involved during physical activity. The course covers the physiological effects of exercise and training upon the neuromuscular, cardiovascular, respiratory and metabolic systems. Prerequisites: AS/HH/SC/KINE 2011 3.00; AS/HH/SC/KINE 3012 3.00. Course credit exclusions: None.

### **HH/KINE 4020 3.00 Human Nutrition**

Basic energy and regulatory nutrients are examined, followed by an applied nutrition section in weight control, eating disorders, sport nutrition, food as drugs and food safety. Metabolic interrelationships and health associations are applied throughout. Prerequisite: AS/HH/SC/KINE 4010 3.00. Course credit exclusions: None.

### **HH/KINE 4060 3.00 or 6.00 Independent Studies in Kinesiology and Health Science**

Students undertake a research project under the supervision of a faculty member. This should include a library investigation, and may include laboratory and/or field investigations. A substantial paper, a poster presentation and an oral presentation are part of the course requirements. Prerequisite: Normally only available to students after completion of 84 credits. Course credit exclusions: None. Note: Some independent study topics may not be eligible for science credit. Students should consult the School of Kinesiology and Health Science for application.

#### **Application Deadlines:**

For Summer 2011 – April 1  
For Fall 2011 – August 1  
For Winter 2012 – December 1

### **HH/KINE 4100 6.00 Honours Thesis**

Students complete a thesis involving empirical research. Students arrange for supervision by a faculty member in the School of Kinesiology and Health Science. Contact the Undergraduate Office for details and application form. Prerequisites: Permission of the School of Kinesiology and Health Science; students must be in a Specialized Honours Program in Kinesiology and Health Science and have

completed 84 credits. Note: Some Honours thesis topics may not be eligible for science credit.

#### **Application Deadlines:**

For Summer 2011 – April 1  
For Fall 2011 – August 1  
For Winter 2012 – December 1

### **HH/KINE 4120 3.00 Nutritional Aids in Sport and Exercise**

This course investigates the influence of nutritional supplements/aids on exercise performance, with emphasis on the underlying physiologic and biochemical mechanisms behind the effectiveness of ergogenic compounds. Prerequisite: AS/HH/SC KINE 4010 3.00, AS/HH/SC KINE 4020 3.00. Course credit exclusions: None.

### **HH/KINE 4130 3.00 Advanced Human Nutrition**

This course is designed to provide a detailed analysis of the metabolic, biochemical and physiological processes that occur under health, exercise, altered nutritional status, and disease states. This is an advanced nutrition course that builds on the basic nutrition information acquired in HH/KINE 4020 3.00. It is designed to provide an in depth analysis of the pathways that integrate the metabolism of carbohydrates, protein and fat. It also investigates the role of nutrition in the development and exacerbation of chronic diseases, and under different exercise states. It is targeted towards students interested in nutrition/physiology-related careers. Prerequisite: HH/KINE 4010 3.00; HH/KINE 4020 3.00. Course credit exclusions: None.

### **HH/KINE 4140 3.00 Nutrition and Human Diseases**

This course discusses nutrition as it affects muscle and human health. It discusses: nutrition and the immune system; nutrition and aging; ethnic nutrition and health; nutrition and the health of skeletal muscle; food and drug interaction; and nutrition in the treatment and prevention of selected human diseases including myopathies, cancer, cardiovascular disease, osteoporosis, and diabetes. Prerequisite: HH/KINE 4020 3.00. Course credit exclusions: None.

### **HH/KINE 4210 3.00 Disorders of Visual Cognition**

Humans rely heavily on vision to interact with the world. This course investigates the clinical disorders that are manifested with impairments in different stages of visual processing. Prerequisite: HH/KINE 3020 3.00 or SC/BIOL 4370 3.00 or HH/PSYC 3250 3.00. Course credit exclusions: None.

### **HH/KINE 4220 3.00 Human Motor Control and Learning**

This course deals with concepts of how the brain learns and controls voluntary movement, particularly those of the upper limbs. Prerequisites: AS/HH/SC/KINE 3020 3.00. Course credit exclusions: None.

**HH/KINE 4230 3.00 Neuronal Development for Activity and Health**

Analyzes the cellular, molecular and physiological processes underlying neuronal and neuromuscular development in health and disease. Prerequisite: HH/KINE 3012 3.00. Course credit exclusions: None.

**HH/KINE 4240 3.00 Applied Human Factors**

This course discusses human factors, e.g. sensory, perceptual, motor and cognitive systems, and how they feature in machines, systems design, procedures and skills, with an emphasis on physical activities and sport. Prerequisite: HH/KINE 3020 3.00 or SC/BIOL 4370 3.00 or HH/PSYC 3250 3.00. Course credit exclusions: None.

**HH/KINE 4250 3.00 Physical Activity and Cognition**

This course examines the effects of engaging in physical activity on cognitive systems such as attention, learning, and memory. Both normal healthy and disease states will be discussed. Prerequisite: HH/KINE 3020 3.00 or SC/BIOL 4370 3.00 or HH/PSYC 3250 3.00. Course credit exclusions: None.

**HH/KINE 4340 3.00 Sport, "Race" and Popular Culture in Canada**

The course gives students a historical and contemporary understanding of 'race' and racism in Canadian popular culture as it pertains to the world of sport. Prerequisite: AS/HH/SC/KINE 1000 6.00. Course credit exclusions: AS/KINE 3630 3.00 (prior to Fall/Winter 2005-2006). Note: This course does not count for science credit.

**HH/KINE 4370 3.00 Body as Light: Meditation Practices**

Cross-cultural survey of training for enlightenment through meditation techniques, posture practices, and spiritual traditions. From prehistoric times our ancestors used repetitive physical activities to explore altered states of consciousness and to purify or illuminate the body/mind harmony as optimal health. Prerequisite: HH/KINE 1000 6.00. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 4375 3.00 Body as Weapon: Martial Arts/Combat Training**

Cross-cultural survey of training for combat in military units, martial arts, and self defense. Fighting and war stand as two ancient yet enduring activities evoking study and systematic practice of lethal methods for using the body as a weapon against antagonists. Prerequisite: HH/KINE 1000 6.00. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 4400 6.00 Advanced Fitness/Lifestyle Assessment and Counselling**

Students receive supervised, practical experience in designing, administering and interpreting fitness assessments along with the follow-up exercise counselling for athletes and the general public. Prerequisites: AS/HH/SC/KINE 3400 3.00; permission of the course director. Open only to students in the Certificate in Fitness Assessment and Exercise Counselling. Prerequisite or corequisite: AS/HH/SC/KINE 4010 3.00. Course credit exclusions: None.

**HH/KINE 4410 3.00 Obesity: Assessment, Treatment and Implications**

Obesity is a very prevalent condition that has received considerable attention. However, the attention has been very one sided, wherein only the benefits of weight loss are emphasized. The difficulties associated with maintaining weight loss are very poorly understood, and the dangers or negative aspects of focusing on weight per se may be more detrimental than the obesity itself. Prerequisites: HH/KINE 1020 6.00. Course Credit Exclusions: None.

**HH/KINE 4420 3.00 Relaxation: Theory and Practice**

This course focuses on an understanding of the physiological and psychological basis of relaxation as a self-management procedure and in the utilization of relaxation strategies in sport, health and physical activity. Prerequisites: AS/HH/SC/KINE 2031 3.00; AS/HH/SC/KINE 3011 3.00; AS/HH/SC/KINE 3012 3.00 or permission of the course director. Note: This course does not count for science credit.

**HH/KINE 4421 3.00 Relaxation II: Research and Application**

This course reviews the research and application of self-regulation strategies (relaxation, biofeedback, imagery, cognitive restructuring and attention control) for performance and health enhancement. Prerequisite: AS/HH/KINE 4420 3.00. Course credit exclusions: None.

**HH/KINE 4430 3.00 Business Skills for Sport and Fitness Professionals**

This course includes theory and detailed practical instruction about key management/organizational processes and their successful application to sport and fitness-related business initiatives. Course credit exclusions: AS/HH/KINE 3250 3.00. Note: This course does not count for science credit.

**HH/KINE 4440 3.00 Advanced Exercise****Physiology: Muscle**

Advanced topics in exercise physiology and biochemistry, including energy metabolism, fatigue, skeletal muscle physiology, adaptations to exercise and training. Applications of exercise to disease states, animal laboratories, and discussions of original research articles in exercise physiology. Prerequisite: AS/HH/SC/KINE 4010 3.00. Course credit exclusions: None.

**HH/KINE 4445 3.00 Physiological Basis of Fatigue**

An in-depth examination of the physiological processes that limit muscular exercise. Topics include cellular and metabolic failure in sustained muscular contractions, central nervous system limitations, substrate depletion and product accumulation, body fluid shifts and adaptations that forestall fatigue. Prerequisites: AS/HH/SC/KINE 3011 3.00; AS/HH/SC/KINE 3012 3.00; AS/HH/SC/KINE 4010 3.00. Course credit exclusions: None.

**HH/KINE 4448 3.00 Advanced Human Physiology: Endocrinology**

An overview of human endocrinology at the physiological, biochemical and molecular levels, with an emphasis on health, disease, exercise and adaptation. Prerequisite: HH/ KINE 4010 3.00. Course credit exclusions: SC/BIOL 4320 3.00.

**HH/KINE 4450 3.00 Advanced Exercise****Physiology: Cardiovascular**

An overview of the cardiovascular physiology of exercise at both the central (heart) and peripheral (blood vessels, capillaries) levels, with an emphasis on health, disease, exercise and adaptation. Physiology adaptations at the molecular level are emphasized. Prerequisite: AS/HH/SC/KINE 4010 3.00. Course credit exclusions: None.

**HH/KINE 4453 3.00 Vascular Function in Health and Disease**

This course will provide an in depth study of the physiology of the vascular system. These concepts then will be applied to understanding the pathophysiology of the vascular system in situations of chronic inflammation and diseases such as atherosclerosis and hypertension. The beneficial effects of exercise on the vascular system will be discussed. Prerequisite: HH/KINE 4010 3.00.

**HH/KINE 4455 3.00 Movement Analysis Laboratory**

This course focuses on the theory and practice of methods for analyzing the mechanics and control of movement. Methods include collection and analysis of biological signals such as electromyography and evoked potentials, as well as techniques for both kinematic and kinetic analysis of movement. Prerequisites: HH/KINE 3020 3.00, HH/KINE 3030 3.00. Course credit exclusions: None.

**HH/KINE 4460 3.00 Occupational Biomechanics**

Use of biomechanics in the occupational setting is introduced. Topics include workplace assessment techniques, injury mechanisms, tissue mechanics and the (re)design of tools and workplace. Specific disorders and issues involving the upper extremity and lower back are addressed. Prerequisite: AS/HH/SC/KINE 3030 3.00. Course credit exclusions: None.

**HH/KINE 4470 3.00 Muscle and Joint Biomechanics**

Quantitative biomechanical principles are used to evaluate the production of human motion at the joint and muscle level. Factors affecting total joint moment of force are studied including muscle mechanics, muscle architecture, moment arm and electrophysiology. Prerequisite: AS/HH/SC/KINE 3030 3.00. Course credit exclusions: AS/SC/KINE 3470 3.00 (prior to Fall/Winter 2003-2004).

**HH/KINE 4475 3.00 Clinical Biomechanics**

Quantitative biomechanical techniques are used to evaluate musculoskeletal injuries and pathological movement. Standard biomechanics techniques and modelling methods are combined with an understanding of tissue mechanics to quantitatively evaluate injury mechanisms and rehabilitation of tissues (bone, ligament, tendon, muscle). Prerequisite: AS/HH/SC/KINE 3030 3.00. Recommended: AS/HH/SC/KINE 3470 3.00. Course credit exclusions: None.

**HH/KINE 4480 3.00 Sociology of Sport II**

This course focuses on social problems in sport. Topics include inequality, sport as work, sport as a spectacle, and sport and the state. Prerequisite: AS/HH/KINE 3620 3.00 or permission of the course director. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 4485 3.00 Social Determinants of Physical Activity and Health in Canada**

This course is an introduction to the dynamic interplay of economic, political and social forces within which sport and physical activity have been developed, elaborated and contested in Canada. Prerequisite: AS/HH/SC KINE 1000 6.00. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 4490 3.00 Philosophical Issues in Kinesiology and Health Science**

This course examines the philosophical foundations of kinesiology and health science; their manifestation and influences on the development of physical activity, physical education and sport programs; identification and critical analysis of current issues in these programs in modern society. Prerequisite: AS/HH/SC/KINE 1000 6.00. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 4495 3.00 Doctors, Trainers and Drugs: The Socio-Cultural Study of Sports and Medicine**

Introduces students to the sociological, cultural and historical study of sports medicine. This includes an exploration of the relationships between exercise sciences and sports medicine, the social organization of sports medicine, as well as a sociological analysis of drugs in sport. Prerequisites: HH/KINE 1000 6.00. Course Credit Exclusion: None. Note: This course does not count for science credit.

**HH/KINE 4500 3.00 Neural Control of Movement**

This neuroscience course reviews fundamental concepts of movement control, with an emphasis on the brain mechanisms underlying motor behaviour. Topics include walking, looking, reaching, posture and complex skill coordination. Movement control concepts will be used to understand the neural basis of symptoms associated with motor disorders such as Parkinson's disease, ataxia, Lou Gehrig's disease, muscular dystrophy, and stroke. Prerequisite: AS/HH/SC/KINE 3020 3.00 or permission of the course director. Course credit exclusions: None

**HH/KINE 4505 3.00 Neurophysiology of Movement in Health and Disease**

This course provides an overview of current neurophysiological concepts in motor control, with an emphasis on the neurophysiological principles underlying human movement disorders. Prerequisite: AS/HH/SC/KINE 3011 3.00 or AS/HH/SC/KINE 3020 3.00. Course credit exclusions: AS/SC/KINE 4050M 3.00 (prior to Fall/Winter 2002-2003), AS/SC/KINE 4050A 3.00 (prior to Fall/Winter 2003-2004).

**HH/KINE 4510 3.00 Cellular and Molecular Basis of Muscle Physiology**

Topics include muscle development, muscle-specific gene expression, molecular basis of muscle contraction, biochemical plasticity of muscle, sarcolemmal and nuclear signal transduction in muscle. Prerequisite(s): AS/HH/SC/KINE 2011 3.00, or SC/BIOL 3060 4.00 and SC/BIOL 3070 4.00. Course credit exclusions: None.

**Cross-listed to:** SC/BIOL 4510 3.00

**HH/KINE 4515 3.00 Stem Cells: Physiology and Therapeutic Applications**

This course examines the physiology of tissue-specific stem cell populations in the context of potential therapeutic strategies used for the treatment of chronic disease states. Prerequisite: AS/HH/SC/KINE 4010 3.00. Course credit exclusions: None.

**HH/KINE 4516 3.00 Mitochondria in Health and Disease**

Analyzes the function and biogenesis of mitochondria with an emphasis on skeletal muscle. Apoptosis, mitochondrial disease, effects of exercise and training are examined at the molecular level. Current original literature is read and discussed in lecture and class presentation format. Prerequisites: HH/KINE 4010 3.00. Course credit exclusions: None.

**HH/KINE 4518 3.00 Molecular Basis of Selected Diseases**

This course is designed to provide students with an understanding of the molecular mechanisms that underlie selected diseases. Disease states included are cancer, acquired immune deficiency syndrome, Alzheimer's, bovine spongiform encephalopathy and muscular dystrophy. Prerequisites: AS/HH/SC/KINE 3011 3.00, AS/HH/SC/KINE 3012 3.00, and AS/HH/SC/KINE 4010 3.00. Course credit exclusions: None.

**HH/KINE 4520 3.00 Sport Psychology Seminar**

The course provides an in-depth examination of selected topics in sport psychology: motivation, imagery, self-regulation and attention. The emphasis is on the application of mental training skills in sport settings. Prerequisite: AS/HH/SC/KINE 3000 3.00. Course credit exclusions: None.

**HH/KINE 4560 3.00 Physical Activity and Children: Pedagogy**

This course examines teaching methods available for people working in a physical activity setting with children. Emphasis is placed on the core program components of dance, games and gymnastics. Curriculum and lesson planning for school based physical education is included. Prerequisite: HH/KINE 1020 6.00 and HH/KINE 3000 3.00. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 4565 3.00 Epidemiology of Injury Prevention**

This course introduces students to the recognition of situations or practices that contribute to injuries, strategies for injury prevention, with an emphasis on an epidemiological/public health approach. Prerequisites: AS/HH/SC/KINE 1000 6.00; AS/HH/SC/KINE 2050 3.00. Course credit exclusions: None.

**HH/KINE 4575 3.00 Athletic Injuries - Body Core**

This is a course in the assessment, care and prevention of orthopaedic and neurological injuries and conditions of the head, body and spine. Also included is a review of palpations and muscle testing related to the body core. Prerequisites: AS/HH/SC KINE 3575 3.00, AS/HH/SC KINE 2031 3.00. Course credit exclusions: None.

**HH/KINE 4580 3.00 Treatment and Rehabilitation of Sports Injuries**

An advanced course in the treatment and rehabilitation of common athletic injuries including generalized body reactions to injury, specific tissue responses to trauma, the immediate treatment of injuries, the long-term rehabilitation of injuries and the use of modalities. Prerequisites: AS/HH/SC/KINE 4570 3.00; current CPR and First Aid; clinical and field experience. Open only to students in the Athletic Therapy Certificate. Course credit exclusions: None.

**HH/KINE 4590 6.00 Advanced Athletic Therapy Assessment and Rehabilitation**

An advanced-level course in athletic therapy applying theoretical background to sport-related injuries and rehabilitation. Prerequisites: HH/KINE 3450 3.00; HH/KINE 3460 3.00; HH/KINE 3600 3.00; HH/KINE 3575 3.00, HH/KINE 4575 3.00. Open only to students in the Athletic Therapy Certificate or with permission of the course director. Prerequisite or corequisite: HH/KINE 3600 3.00

**HH/KINE 4595 3.00 Ethics for Kinesiology and Health**

This course provides grounding in ethical theories and approaches, and applies ethical paradigms to issues in kinesiology and health science. Prerequisite: AS/HH/SC/KINE 1000 6.00. Course credit exclusions: None.

**HH/KINE 4600 3.00 Coaching: Science and Methodology**

The course focuses on coaching methodology and scientific principles applied to coaching. Methodology includes planning, conducting and evaluating training sessions, and time, stress and team management. Systems of training, scientific conditioning methods and other influences on conditioning and performance are included. Prerequisites: AS/HH/SC/KINE 2475 3.00, AS/HH/SC/KINE 3610 3.00. Note: Levels I, II and III Theory of the National Coaching Certification are granted with the successful completion of AS/HH/SC/KINE 3610 3.00 and AS/HH/SC/KINE 4600 3.00. Course credit exclusions: None.

**HH/KINE 4620 3.00 Counselling Skills for Kinesiology and Health Science**

This course explores concepts, issues and skills related to "embedded" helping/counselling from a person-centred framework. Effective professional relationships and motivational interviewing are emphasized. Supervised skills practice is included. Relevant to persons working in health care, education and community services. Prerequisite: HH/PSYC 1010 6.00. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 4640 3.00 Lifestyle and Current Health Issues**

This course explores the relationship between health knowledge, health attitudes and health actions of individuals in modern society. Decision-making processes are investigated relative to levels of growth and development and the quality of interactions in a variety of environments. Course credit exclusions: None.

**HH/KINE 4645 3.00 Active Living and Ageing**

The purpose of this course is to assist students in developing insight into the physical and health needs of the elderly. Emphasis is placed upon identifying active ageing opportunities and exploring environments in which physical activity is integrated into daily living. Prerequisite: AS/HH/SC KINE 3350 3.00. Course credit exclusions: None. Note: This course does not count for science credit.

**HH/KINE 4650 3.00 Sport, Physical Activity and Youth Development**

This course explores developmental theories and psychosocial research that facilitate understanding of positive youth development through sport and physical activity. Students will be introduced to theoretical and empirical research from developmental psychology and sport psychology fields. Specific discussions and applications will focus on conditions that facilitate youths' healthy involvement in sport and physical activity. Prerequisite: HH/KINE 3000 3.00. Course credit exclusions: None.

**HH/KINE 4660 3.00 Exercise and Addictive Behaviours**

This course examines a variety of topics in the area of exercise and health psychology with a particular emphasis on the adaptive and maladaptive aspects of exercise, as well as on issues concerning body image, food intake and eating disorders. Prerequisites: HH/PSYC 1010 6.00. HH/KINE 3000 3.00. Course credit exclusions: None.

**HH/KINE 4710 3.00 Psychology of Health and Chronic Disease**

This course explores the role of psychological variables in the development, progression and treatment of chronic diseases such as coronary heart disease, cancer and AIDS. Other critically reviewed topics include stress, substance abuse (smoking and alcohol), and injury and violence. Prerequisite: AK/AS/HH/SC/PSYC 1010 6.00. Course credit exclusions: AS/SC/KINE 4050D 3.00 (prior to Fall/Winter 2003-2004), AK/ADMS 3750 3.00, AK/AS/HH/SC/PSYC 3170 3.00, AS/SC/PSYC 3440 3.00.

**HH/KINE 4715 3.00 Chronic Disease Field Placement**

Chronic disease prevention and management programs are comprehensive, long-term outpatient programs involving medical evaluation, prescribed exercise, risk factor modification, education, and counseling. This course prepares students with the knowledge and experience to provide evidence-based physical activity advice as well as health behaviour change education and support to chronic disease outpatients in an interprofessional setting.

Prerequisites: HH/KINE 1020 6.00, HH/KINE 3400 3.00 and Basic Cardio Pulmonary Resuscitation (CPR) Certificate and Automated External Defibrillator (AED) Certificate. Corequisites: HH/KINE 4010 3.00, HH/KINE 4020 3.00. Open to: By permission of the Course Director. Note: Students must have access to personal transportation to get to and from the program each week. They must be in their last year of their undergraduate Kinesiology & Health Sciences studies with a minimum of a B+ GPA.

**HH/KINE 4720 3.00 Psychology of Heart Diseases**

This course examines the primary and secondary prevention of cardiovascular diseases from a behavioural, psychosocial and health services lens. Major emphasis is placed on cardiac rehabilitation, and individual, physician and health system determinants of referral and participation.

Prerequisites: HH/KINE 1020 6.00, HH/KINE 3000 3.00. Course credit exclusions: None.

**HH/KINE 4730 3.00 Psychology of Pain**

This course provides a critical analysis of pain theory, research and management. It examines interactions of psychological, social, and physiological factors in the perception, impact, and management of acute, chronic nonmalignant, and cancer pain. Prerequisite: HH/PSYC 1010 6.00. Course credit exclusions: None. Note: An introductory Biology or Physiology course is strongly recommended.

**HH/KINE 4740 3.00 Psychology of Sport Injury and Rehabilitation**

This course deals with the psychosocial aspects of sport injury. Through this course, the students gain an understanding of the psychological and sociological aspects of sport injury, the impact of pain, and the psychological implications of long term rehabilitation. Psychological interventions are highlighted within case histories and a return to an active lifestyles is the goal of the interventions. Prerequisite:

AK/AS/HH/SC/PSYC 1010 6.00. Course credit exclusions: None.

**HH/KINE 4800 3.00 Human Cadaver Dissection**

Human cadaver dissection is a laboratory course in which students dissect an anatomical region on a human cadaver. Twenty hours of supervised instruction; 40 hours of self-directed dissection.

Prerequisites: AS/HH/SC/KINE 2031 3.00; AS/HH/SC/KINE 3460 3.00; AS/HH/SC/KINE 3465 3.00. Course credit exclusions: None. Note: This course is held off-campus. Consult the Kinesiology and Health Science Program for further details.

**HH/KINE 4900 3.00 Exercise Therapy for Chronic Diseases**

An overview of the use of exercise and physical activity in the evaluation and treatment of a variety of chronic diseases and disabilities. Prerequisite: AS/HH/SC/KINE 4010 3.00. Course credit exclusions: AS/SC/KINE 4050E 3.00 (prior to Fall/Winter 2001-2002).



# Practicum Course List

## Aquatic Courses

HH/PKIN 0200 0.00 Swimming I  
HH/PKIN 0240 0.00 Lifesaving I  
HH/PKIN 0250 0.00 Lifesaving II: Advanced Lifesaving  
HH/PKIN 0261 0.00 Lifeguarding I  
HH/PKIN 0262 0.00 Lifeguarding II  
HH/PKIN 0265 0.00 Competitive Lifesaving  
HH/PKIN 0270 0.00 Skin Diving  
HH/PKIN 0285 0.00 Aqua Fitness (Deep Water)  
HH/PKIN 0291 0.00 Aquatic Instructor I  
HH/PKIN 0292 0.00 Aquatic Instructor II  
HH/PKIN 0294 0.00 Aquatic Games  
HH/PKIN 0295 0.00 Pre-Swim I

## Team Games/Sports Courses

HH/PKIN 0301 0.00 Co-ed Basketball I  
HH/PKIN 0302 0.00 Men's Basketball I  
HH/PKIN 0303 0.00 Women's Basketball I  
HH/PKIN 0304 0.00 Basketball II  
HH/PKIN 0305 0.00 Field Hockey I  
HH/PKIN 0306 0.00 Field Hockey II  
HH/PKIN 0308 0.00 Football I  
HH/PKIN 0312 0.00 Hockey I  
HH/PKIN 0313 0.00 Hockey II  
HH/PKIN 0324 0.00 Rugby I  
HH/PKIN 0328 0.00 Soccer I  
HH/PKIN 0329 0.00 Soccer II: Coaching  
HH/PKIN 0330 0.00 Futsal (indoor soccer)  
HH/PKIN 0332 0.00 Volleyball I  
HH/PKIN 0333 0.00 Volleyball II  
HH/PKIN 0336 0.00 Beach Volleyball I  
HH/PKIN 0340 0.00 Softball  
HH/PKIN 0350 0.00 Team Handball I  
HH/PKIN 0390 0.00 Basic Team Sport Skills  
HH/PKIN 0392 0.00 Games Through the Ages

## Individual and Dual Sports Courses

HH/PKIN 0400 0.00 Tai Chi I  
HH/PKIN 0401 0.00 Tai Chi II  
HH/PKIN 0402 0.00 Yoga I  
HH/PKIN 0403 0.00 Karate-Do I  
HH/PKIN 0404 0.00 Aikido Yoshinkan  
HH/PKIN 0405 0.00 Pilates  
HH/PKIN 0406 0.00 Kung-Fu  
HH/PKIN 0407 0.00 Self-Defense  
HH/PKIN 0408 0.00 Restorative Pilates  
HH/PKIN 0410 0.00 Golf I  
HH/PKIN 0411 0.00 Golf II  
HH/PKIN 0415 0.00 Court Games  
HH/PKIN 0416 0.00 Squash II  
HH/PKIN 0435 0.00 Tennis I  
HH/PKIN 0436 0.00 Tennis II  
HH/PKIN 0437 0.00 Tennis Instructor  
HH/PKIN 0440 0.00 Badminton I  
HH/PKIN 0460 0.00 Strength Training  
HH/PKIN 0465 0.00 Weightlifting

## Dance/Gymnastics Courses

HH/PKIN 0500 0.00 Basic Movement  
HH/PKIN 0502 0.00 Men's Gymnastics I  
HH/PKIN 0503 0.00 Women's Gymnastics I  
HH/PKIN 0512 0.00 Men's Gymnastics II  
HH/PKIN 0513 0.00 Women's Gymnastics II  
HH/PKIN 0514 0.00 Rhythmic Gymnastics I (Women)  
HH/PKIN 0560 0.00 Modern Dance I  
HH/PKIN 0565 0.00 African and Caribbean Dance  
HH/PKIN 0570 0.00 Ballroom Dance I  
HH/PKIN 0575 0.00 Ballroom Dance II  
HH/PKIN 0585 0.00 Country Dance  
HH/PKIN 0590 0.00 Jazz Dance I  
HH/PKIN 0595 0.00 Jazz Dance II  
HH/PKIN 0597 0.00 Laban Movement Analysis

## Track and Field Courses

HH/PKIN 0600 0.00 Track and Field I  
HH/PKIN 0610 0.00 Track and Field II

## Emergency Care Courses

HH/PKIN 0750 0.00 Emergency Care I  
HH/PKIN 0751 0.00 Advanced First Aid/CPR  
HH/PKIN 0761 0.00 First Responder for Athletic Therapy I  
HH/PKIN 0762 0.00 First Responder for Athletic Therapy II  
HH/PKIN 0770 0.00 First Aid/CPR Instructor

## Additional Courses

HH/PKIN 0801 0.00 Independent Studies  
HH/PKIN 0821 0.00 Athletic Therapy Clinical Practicum I  
HH/PKIN 0822 0.00 Athletic Therapy Clinical Practicum II  
HH/PKIN 0840 0.00 Elementary and Recreational Games  
HH/PKIN 0861 0.00 Personal Training I  
HH/PKIN 0862 0.00 Personal Training II

# Practicum Course Descriptions

## Aquatic Courses

### **HH/PKIN 0200 0.00 Swimming I**

An introduction to the fundamentals of stroke technique for front crawl, back crawl, elementary backstroke, breast-stroke and sidestroke. Non-swimmers are encouraged to enrol as this course will focus on deep water skills and safety requirements. Note: Equivalency for this course is the Canadian Red Cross Swim Kids 10 or AquaQuest 12; the Toronto Learn to Swim Ultra 9; the YMCA of Canada Star 6; or the Lifesaving Society of Canada Learn to Swim Level 6. Course credit exclusions: HH/PKIN 2000 0.00 (prior to Summer 2008).

### **HH/PKIN 0240 0.00 Lifesaving I & II**

A lifesaving course which provides students with water skills associated with self rescue and techniques for rescuing others safely. Assessment and first aid skills for emergencies in aquatic settings are included. Upon successful completion of certification standards students are eligible to receive: The Lifesaving Society Bronze Star, Bronze Medallion and Bronze Cross. Pre-requisite: HH/PKIN 0200 0.00, or Canadian Red Cross Swim Kids 10 or AquaQuest 12, or Toronto Learn to Swim Ultra 9, or YMCA Star 6, or Lifesaving Society Level 6, or by permission of the Instructor.-Course credit exclusions: HH/PKIN 2040 0.00 (prior to Summer 2008), HH/PKIN 0250 0.00 (prior to Summer 2012).

### **HH/PKIN 0261 0.00 Lifeguarding I**

This course is a comprehensive lifeguard training course that includes lifeguarding strokes, skills, water rescue techniques and aquatic emergency care for students with advanced lifesaving skills. Aquatic legislation, supervision and liability is included. Upon successful completion of certification requirements students are eligible to receive the Lifesaving Society National Lifeguard Service Certification. Prerequisite: HH/PKIN 0250 0.00, Lifesaving II or Bronze Cross (and Standard First Aid and CPR-C Certifications). Corequisite: HH/PKIN 0262 0.00. Course credit exclusions: HH/PKIN 2060 0.00 (prior to Summer 2008). Students must be concurrently enrolled in HH/PKIN 0262 0.00 and must successfully complete both HH/PKIN 0261 0.00 and HH/PKIN 0262 0.00.

### **HH/PKIN 0262 0.00 Lifeguarding II**

This course builds on the principle and learning objectives of HH/PKIN 0261 0.00. Upon successful completion of certification requirements students are eligible to receive the Lifesaving Society National Lifeguard Service Certification. Corequisite: HH/PKIN 0261 0.00. Course credit exclusions: HH/PKIN 2060 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0262 0.00.

Students must be concurrently enrolled in HH/PKIN 0262 0.00 and must successfully complete both HH/PKIN 0261 0.00 and HH/PKIN 0262 0.00.

### **HH/PKIN 0265 0.00 Competitive Lifesaving**

This course is an introduction to competitive lifesaving for advanced swimmers. Prerequisite: HH/PKIN 0250 0.00 (or equivalent), or HH/PKIN 2500 0.00 (prior to Summer 2008), or permission of the course director.

### **HH/PKIN 0270 0.00 Skin Diving**

The course is designed to provide the student with opportunities for learning in all aspects of skin diving. Participants will be involved in both the theoretical and practical aspects of the activity. Prerequisite: HH/PKIN 0200 0.00, or HH/PKIN 2000 0.00 (prior to Summer 2008), or ability to swim.

### **HH/PKIN 0285 0.00 Aqua Fitness (Deep Water)**

This course provides students with fitness activities and teaching techniques in a deep water aquatic environment. Students can opt to take WaterArt teacher certification. All classes will include theory and practical activities which are low- to non-weight bearing. Prerequisite: AS/HH/SC/PKIN 2000 2.00 or equivalent. Course credit exclusions: HH/PKIN 2085 0.00 (prior to Summer 2008).

### **HH/PKIN 0291 0.00 Aquatic Instructor I**

A comprehensive instructor training program of aquatic instructional practices for learning to swim, water safety, strokes, skills, first aid, water rescue and lifesaving techniques for those with advanced swimming skills. Prerequisite: HH/PKIN 0250 0.00 or Lifesaving Society Bronze Cross or National Lifeguard Service plus a standard first aid with a CPR-C; plus a Canadian Red Cross Assistant Swim Instructor, Aqua Leader or Leader certification, or Instructor's Permission. Corequisite: HH/PKIN 0292 0.00. Course credit exclusions: HH/PKIN 2090 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0292 0.00. Note: Students must successfully complete both HH/PKIN 0291 0.00 and HH/PKIN 0292 0.00.

**HH/PKIN 0292 0.00 Aquatic Instructor II**

This course builds on the principles and learning objectives of HH/PKIN 0291 0.00. Corequisite: HH/PKIN 0291 0.00. Course credit exclusions: HH/PKIN 2090 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0291 0.00. Note: Students must successfully complete both HH/PKIN 0291 0.00 and HH/PKIN 0292 0.00.

Upon successful completion of HH/PKIN 0291 0.00 and HH/PKIN 0292 0.00 students are eligible to receive the following certifications:  
Red Cross Water Safety Instructor, Red Cross Assistant Water Safety Instructor, Lifesaving Swim Instructor, Lifesaving Instructor

**HH/PKIN 0294 0.00 Aquatic Games**

This course focuses on aquatic activities featuring competitive sports and cooperative exercises. The range of involvement spans exercises for team building to competitive team and one on one competition. Prerequisite: AS/HH/SC PKIN 2000 2.0 or equivalent. Course credit exclusions: HH/PKIN 2100 0.00 (prior to Summer 2008).

**HH/PKIN 0295 0.00 Pre-Swim I**

This is a course designed for non-swimmers, particularly those with no previous aquatic learning. It is also suitable for those who may have a fear of water. Prerequisite: permission of the instructor. Course credit exclusions: HH/PKIN 2900 0.00 (prior to Summer 2008).

## Team Sports

**HH/PKIN 0301 0.00 Co-ed Basketball I****HH/PKIN 0302 0.00 Men's Basketball I****HH/PKIN 0303 0.00 Women's Basketball I**

The student will be exposed to the fundamental basketball skills and will be expected to perform these basketball skills with a level of skill and proficiency. The student will be able to describe the important teaching points related to specific basketball skills and describe the common basketball terms. The student will apply the skills in scrimmage situations. Course Credit Exclusions: HH/PKIN 3001 0.00 (prior to Summer 2008); HH/PKIN 3002 0.00 (prior to Summer 2008); HH/PKIN 3003 0.00 (prior to Summer 2008).

Only one of HH/PKIN 0301 0.00, HH/PKIN 0302 0.00, or HH/PKIN 0303 0.00 may be taken for credit.

**HH/PKIN 0304 0.00 Basketball II**

This course is a continuation of Basketball I, and will deal with advanced individual skills and team play. Prerequisite: HH/PKIN 0301 0.00 or HH/PKIN 0302 0.00 or HH/PKIN 0303 0.00 or AS/HH/SC/PKIN 3000 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 3010 0.00 (prior to Summer 2008).

**HH/PKIN 0305 0.00 Field Hockey I**

This course stresses fundamental stick handling skills and rules of play. Individual and team offence and defence are practiced and developed in game situations. Course credit exclusions: HH/PKIN 3040 0.00 (prior to Summer 2008).

**HH/PKIN 0306 0.00 Field Hockey II**

Advanced skills and team play are built on the techniques learned in Field Hockey I. An introduction is made to the "art of coaching". Prerequisite: HH/PKIN 0305 0.00 or AS/HH/SC/PKIN 3040 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 3050 0.00 (prior to Summer 2008).

**HH/PKIN 0308 0.00 Football I**

This course introduces the student to the basic skills involved in the various positions of a football team. Course credit exclusions: HH/PKIN 3080 0.00 (prior to Summer 2008).

**HH/PKIN 0312 0.00 Hockey I**

This course teaches each student the fundamental skills of ice hockey. Canadian Hockey Association Coaching Certification may be granted with successful completion of this course. Course credit exclusions: HH/PKIN 3120 0.00 (prior to Summer 2008).

**HH/PKIN 0313 0.00 Hockey II**

This course introduces students to facets of team play including special situational strategies. In addition, students will be given background material on the organization, administration and scientific basis of the sport. Canadian Hockey Association Coaching Certificate will be granted with successful completion of this course. Prerequisite: HH/PKIN 0312 0.00 or AS/HH/SC/PKIN 3120 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 3130 0.00 (prior to Summer 2008).

**HH/PKIN 0324 0.00 Rugby I**

This course introduces students to the basic skills of Rugby Football. The course will highlight a hands-on acquisition of skill of the basic components of the game including running, passing, line-outs, scrums, tackling, rucks and mauls. Course credit exclusions: HH/PKIN 3240 0.00 (prior to Summer 2008).

**HH/PKIN 0328 0.00 Soccer I**

The course provides opportunities for practice and instruction in the basic skills of soccer including knowledge and understanding of offensive and defensive principles used in game situations. Course credit exclusions: HH/PKIN 3280 0.00 (prior to Summer 2008).

**HH/PKIN 0329 0.00 Soccer II: Coaching**

This course provides opportunities for practice in advanced soccer skills with emphasis on the execution and coaching of team play. The course provides students with the opportunity to qualify for coaching certification accredited by the Canadian Soccer Association. Prerequisite: HH/PKIN 0328 0.00 or AS/HH/SC/PKIN 3280 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 3290 0.00 (prior to Summer 2008).

**HH/PKIN 0330 0.00 Futsal (indoor soccer)**

This course provides instruction on the basic soccer skills that are required to play the contemporary indoor soccer game Soccer Futsal. Team competitions, rules of the game, and the theory and history of Soccer Futsal will also be covered. Course credit exclusions: None.

**HH/PKIN 0332 0.00 Volleyball I**

This course introduces students to basic skills and concepts in volleyball. Particular emphasis is placed on passing skills and basic volleyball play. Limited involvement as a minor official in a volleyball event is utilized to develop an understanding of rules and match protocol. Course credit exclusions: HH/PKIN 3320 0.00 (prior to Summer 2008).

**HH/PKIN 0333 0.00 Volleyball II**

This course reviews and develops basic skills of the game emphasizing a coaching perspective, and develops an understanding of offensive and defensive team play and various team tactics. The pedagogy fulfills the requirements for Technical Level I certification by the Ontario Volleyball Association. Limited involvement as a minor official in a volleyball event is utilized in the course pedagogy. Prerequisite: HH/PKIN 0332 0.00 or AS/HH/SC/PKIN 3320 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 3330 0.00 (prior to Summer 2008).

**HH/PKIN 0336 0.00 Beach Volleyball I**

An introduction to the basic skills of beach volleyball with an understanding of the main differences between indoor volleyball and beach volleyball. Skills taught include: overhead pass, forearm pass, serve, attacks and block. Basic tactical knowledge will be introduced as part of skill development. Prerequisite: HH/PKIN 0332 0.00 or AS/HH/SC/PKIN 3320 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 3360 0.00 (prior to Summer 2008).

**HH/PKIN 0340 0.00 Softball**

Softball I is a skills-based and participation-based course in which the basic skills of throwing, batting, fielding, team play and offence are emphasized. Short games are a daily component of the class. Course credit exclusions: HH/PKIN 3400 0.00 (prior to Summer 2008).

**HH/PKIN 0350 0.00 Team Handball I**

For more details including a course description, please consult the Kinesiology and Health Science supplemental calendar. Course credit exclusions: HH/PKIN 3500 0.00 (prior to Summer 2008).

**HH/PKIN 0390 0.00 Basic Team Sport Skills**

The aim of this course is to introduce students to basic motor/movement skills and drills in order to progress to team sports. Students will develop knowledge and confidence in their basic motor skills allowing for a smoother transition into team sport practica. Course credit exclusions: HH/PKIN 3900 0.00 (prior to Summer 2008).

**HH/PKIN 0392 0.00 Games Through the Ages**

Students will learn skills, rules and tactics of games through the ages such as Earthball, Tlachi, Indian Kickball and Quidditch. This course is for students who are interested in learning to play active, creative and competitive games through fun, theatrics and physicality. Course credit exclusions: None.

## Individual and Dual Sports

**HH/PKIN 0400 0.00 Tai Chi I**

The course comprises practical and theoretical study of Chinese traditional therapeutic Qi-Gong (twenty-posture) and an Essential Tai-Chi training routine. Included are the role of moral character in martial arts training and professional Tai-Chi training techniques. Course credit exclusions: HH/PKIN 4000 0.00 (prior to Summer 2008).

**HH/PKIN 0401 0.00 Tai Chi II**

Students will continue to learn and complete the Essential Tai-Chi training routine begun in Tai Chi I. This course also introduces Tai-Chi weapons, Flying Rainbow Tai-Chi fan, 2-person applications. Emphasis is on health benefits and self-defence applications. Prerequisite: HH/PKIN 0400 0.00 or AS/HH/SC/PKIN 4000 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 4010 0.00 (prior to Summer 2008).

**HH/PKIN 0402 0.00 Yoga I**

An introduction to the principles and skills of posture, movement and breath in Hatha Yoga. Course credit exclusions: HH/PKIN 4020 0.00 (prior to Summer 2008).

**HH/PKIN 0403 0.00 Karate-Do I**

An introduction to the art of Karate-Do. Students learn the fundamentals of Karate-Do through the practice of Kata (Forms), Kihon (Basic Technique), Kumite (Pre-arranged Sparring). These exercises are geared to the participant's level of ability. Course credit exclusions: HH/PKIN 4030 0.00 (prior to Summer 2008).

**HH/PKIN 0404 0.00 Aikido Yoshinkan**

An introduction to basic movements of Aikido Yoshinkan from which all techniques evolve. The techniques for the first two levels are taught as well as backward and forward rolls. Course credit exclusions: HH/PKIN 4040 0.00 (prior to Summer 2008).

**HH/PKIN 0405 0.00 Pilates**

This course offers a comprehensive overview of Joseph Pilates' work, and training in the proper execution of Pilates mat exercises. Students will develop an appreciation of the potential for Pilates to benefit special populations (i.e. athletes, seniors, dancers, etc.) and for the prevention and rehabilitation of injuries. Course credit exclusions: None.

**HH/PKIN 0406 0.00 Kung-Fu**

The course introduces traditional Northern Shao-Lin Kung-Fu which has a long and rich history in China. The courses focuses on basic drills and applied techniques with controlled sparring. The course concludes with a short weapon routine - Flying Rainbow Kung-Fu fan which combines all basic skills into a sequence of moves.

**HH/PKIN 0407 0.00 Self-Defense**

This practicum course trains students in awareness, tactical communication and effective self-defense techniques.

**HH/PKIN 0408 0.00 Restorative Pilates**

This course explores and analyzes classic Pilates deep movement exercises into simple, yet powerful building blocks for stability and mobility. Students develop skills in assessing and correcting alignment issues and common muscle imbalances utilizing principles of movement coupled with an understanding of bone structure and skeletal alignment. These skills are powerful restorative tools. Pre/Corequisite: HH/KINE 2031 3.00. Course credit exclusions: None.

**HH/PKIN 0410 0.00 Golf I**

An introduction to the techniques and skills of driving, approach shots and putting. Individual practice, swing analysis and correction are included in the course. The course is offered off campus at a golf setting. Note: Fee required. Sign up at Undergraduate Office, prior to enrolment date. Location: Off-Campus. Course credit exclusions: HH/PKIN 4100 0.00 (prior to Summer 2008).

**HH/PKIN 0411 0.00 Golf II**

This course is a continuation of PKIN 4100 2.0, and builds on the skills introduced in that course. The course is offered off campus at a golf setting. Prerequisite: HH/PKIN 0410 0.00 or AS/HH/SC/PKIN 4100 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 4110 0.00 (prior to Summer 2008).

**HH/PKIN 0415 0.00 Court Games**

Introductory and intermediate level of skills and play for racquetball and squash. The focus is on the development of squash skills and strategies of play. Course credit exclusions: HH/PKIN 4150 0.00 (prior to Summer 2008).

**HH/PKIN 0416 0.00 Squash II**

This course builds on the introduction to squash in PKIN 4150. Through stroke mechanics analysis, tactical match analysis and exposure to the roles of match referees, students will be prepared to play competitive squash at the club level. Prerequisite: HH/PKIN 0415 0.00 or AS/HH/SC/PKIN 4150 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 4210 0.00 (prior to Summer 2008).

**HH/PKIN 0435 0.00 Tennis I**

Introductory and intermediate level course covering techniques for basic strokes, tactics and strategies for singles and doubles. Theory component covers rules and general knowledge of the sport. Course credit exclusions: HH/PKIN 4350 0.00 (prior to Summer 2008).

**HH/PKIN 0436 0.00 Tennis II**

This course teaches advanced tennis strokes and tactics. Theory includes tournament organization, competition rules, practice techniques and introduction to teaching tennis. Prerequisite: Completion of HH/PKIN 0435 0.00 or AS/HH/SC/PKIN 4350 0.00 (prior to Summer 2008) at the intermediate level or permission of instructor. Course credit exclusions: HH/PKIN 4360 0.00 (prior to Summer 2008).

**HH/PKIN 0437 0.00 Tennis Instructor**

This course provides students with on and off court theory for the Instructor I certification level offered by Tennis Ontario. A minimum playing level is required as students will participate in and provide lessons to small groups in a structured setting. Prerequisite: Completion of HH/PKIN 0436 0.00 or AS/HH/SC/PKIN 4360 0.00 (prior to Summer 2008) or permission of the instructor. Course credit exclusions: HH/PKIN 4365 0.00 (prior to Summer 2008).

**HH/PKIN 0440 0.00 Badminton I**

This course teaches introductory and intermediate level of basic skills and play. Emphasis is on developing correct technique and strategies for singles and doubles. Course credit exclusions: HH/PKIN 4370 0.00 (prior to Summer 2008).

**HH/PKIN 0460 0.00 Strength Training**

The course introduces strength training techniques and methods and teaches the principles of maximum strength training, maximum endurance training, a combination of strength and endurance training, power training, and circuit training. Course credit exclusions: HH/PKIN 4600 0.00 (prior to Summer 2008).

**HH/PKIN 0465 0.00 Weightlifting**

The focus of this course is to become familiar with weightlifting methods used to improve athletic performance. Students will be exposed to different types of training methods implemented by strength and conditioning coaches. Course credit exclusions: None.

## Dance/Gymnastics Courses

**HH/PKIN 0500 0.00 Basic Movement**

The course introduces integrated movements, concepts and philosophies from Eastern and Western traditions: Dance (Jazz and Modern), Martial Arts (Tai Chi, Tae Kwon Do, Aikido) and Healing Movement (Yoga) are explored. Course credit exclusions: HH/PKIN 5000 0.00 (prior to Summer 2008).

**HH/PKIN 0502 0.00 Men's Gymnastics I**

An introductory course with a recreation/educational base that teaches basic movements and movement patterns characteristic of gymnastics, the utilization of various types of gymnastics equipment and covers the fundamentals of safety and liability. Course credit exclusions: HH/PKIN 1002 0.00 (prior to Summer 2008).

**HH/PKIN 0503 0.00 Women's Gymnastics I**

An introductory course with a recreation/educational base that teaches basic movements and movement patterns characteristic of gymnastics, the utilization of various types of gymnastics equipment and covers the fundamentals of safety and liability. Course credit exclusions: HH/PKIN 1003 0.00 (prior to Summer 2008).

**HH/PKIN 0512 0.00 Men's Gymnastics II**

Gymnastics II is a continuation of Gymnastics I in which students learn and perform basic artistic gymnastic skills. Students are provided with a basic level of knowledge of artistic gymnastics, skill progressions, techniques, spotting and specific conditions. Prerequisite: HH/PKIN 0502 0.00 or AS/HH/SC/PKIN 1002 0.00 (prior to Summer 2008) or Coaching Certificate Level I Men's and Women's Sections. Course credit exclusions: HH/PKIN 1012 0.00 (prior to Summer 2008).

**HH/PKIN 0513 0.00 Women's Gymnastics II**

Gymnastics II is a continuation of Gymnastics I in which students learn and perform basic artistic gymnastic skills. Students are provided with a basic level of knowledge of artistic gymnastics, skill progressions, techniques, spotting and specific conditions. Prerequisite: HH/PKIN 0503 0.00 or AS/HH/SC/PKIN 1003 0.00 (prior to Summer 2008) or Coaching Certificate Level I Men's and Women's Sections. Course credit exclusions: HH/PKIN 1013 0.00 (prior to Summer 2008).

**HH/PKIN 0514 0.00 Rhythmic Gymnastics I (Women)**

An introduction to the Rhythmic Gymnastics basic skills and progressions. Emphasis will be placed on the basic skills in both body movements and handling apparatus, such as balls and ribbons which are characteristic of rhythmic gymnastics. Course credit exclusions: HH/PKIN 1040 0.00 (prior to Summer 2008).

**HH/PKIN 0560 0.00 Modern Dance I**

An introduction to the basic technique of the Limon style and the principles of modern dance choreography. Course credit exclusions: HH/PKIN 5110 0.00 (prior to Summer 2008).

**HH/PKIN 0565 0.00 African and Caribbean Dance**

This course teaches fundamentals of cultural dance forms which are traditional and contemporary with a focus on dance alignment, coordination, conditioning and musicality. The historical and cultural meaning of each dance is presented. Course credit exclusions: HH/PKIN 5200 0.00 (prior to Summer 2008).

**HH/PKIN 0570 0.00: Ballroom Dance I**

Introduces ballroom dance providing experience with different forms of American style ballroom dance. Emphasis is placed on the use of basic ballroom dance steps, combinations, and dances, and how they relate to music. At least four different ballroom dances are taught. Select dances from the following are covered: Waltz, Foxtrot, Tango, Cha Cha, Rumba, Swing, Bolero, and Mambo. Course Credit Exclusion: HH/PKIN 5070 0.00 (prior to Summer 2008).

**HH/PKIN 0575 0.00: Ballroom Dance II**

Designed to expand upon steps, dances, and style characteristics learned in Ballroom Dance I. Students learn more advanced American style ballroom steps, combinations, dances, and partnering work, as well as Latin social dances. Select dances from the following are taught: Waltz, Foxtrot, Tango, Cha Cha, Rumba, Swing, Bolero, Mambo, Salsa, and Samba. Prerequisite: HH/PKIN 0570 0.00 or AS/HH/SC/PKIN 5070 0.00 (prior to Summer 2008) Course Credit Exclusion: HH/PKIN 5070 0.00 (prior to Summer 2008).

**HH/PKIN 0585 0.00 Country Dance**

This course places emphasis on teaching and learning basic Country Dance fundamentals including steps, positions, patterns, rhythms and styles. Course credit exclusions: HH/PKIN 5085 0.00 (prior to Summer 2008).

**HH/PKIN 0590 0.00 Jazz Dance I**

An introduction to jazz rhythm, musical phrasing, and physical fundamental movements. Course credit exclusions: HH/PKIN 5090 0.00 (prior to Summer 2008).

### **HH/PKIN 0595 0.00 Jazz Dance II**

This course is a continuation of Jazz Dance I and emphasizes the practical and theoretical aspects of jazz dance technique. Various advanced styles of jazz dance are introduced; skill and artistic development are stressed. Pre-requisite: HH/PKIN 0590 0.00 or AS/HH/SC/PKIN 5090 0.00 (prior to Summer 2008) or equivalent. Course credit exclusions: HH/PKIN 5095 0.00 (prior to Summer 2008).

### **HH/PKIN 0597 0.00: Laban Movement Analysis**

The focus of the course is exploration of physical practices and skills developed by movement pioneer Laban. Students use the four major components of Laban Movement Analysis: Body, Effort, Shape, and Space in applying principles of efficient and expressive human movement to their everyday activities and to future careers in the field of kinesiology. Course credit exclusions: None.

## **Track and Field Courses**

### **HH/PKIN 0600 0.00 Track and Field I**

An introduction to track and field. Emphasis on developing motor skills and strength necessary to perform basic track and field movements. Fitness will be stressed along with an introduction to the teaching progressions and skill development in specific track events. Course credit exclusions: HH/PKIN 6000 0.00 (prior to Summer 2008).

### **HH/PKIN 0610 0.00 Track and Field II**

This course builds on Track and Field I. Instruction is aimed towards developing further knowledge in the track and field events with an emphasis on practical skill and biomechanical principles. Prerequisite: HH/PKIN 0600 0.00 or AS/HH/SC/PKIN 6000 0.00 (prior to Summer 2008). Course credit exclusions: HH/PKIN 6010 0.00 (prior to Summer 2008).

## **Emergency Care Courses**

### **HH/PKIN 0750 0.00 Emergency Care I**

An introduction to the care given to a suddenly injured or ill person in order to sustain life and prevent further injury. Upon successful completion, students will be certified in Basic Rescuer C.P.R. - C and Standard First Aid. Note: Normally only open to year 4 students. All Kinesiology and Health Science students are required to complete HH/PKIN 0750 0.00, or equivalent. Equivalency is current CPR Basic Rescuer Certificate (Level C) and a Standard First Aid Certificate. Course credit exclusions: HH/PKIN 7500 0.00 (prior to Summer 2008).

### **HH/PKIN 0751 0.00 Advanced First Aid/CPR**

This course builds on the theory and skills introduced in HH/PKIN 0750 0.00 Emergency Care 1 and provides advanced theory and techniques to respond to a suddenly ill or injured person. This course also trains individuals to prevent further injury in a variety

of settings. Students may be certified with Automatic External Defibrillation, Airway Management, CPR-Health Care Professional level, and Advanced First Aid Provider. Prerequisite: HH/PKIN 0750.00 or Standard First Aid or Cardio Pulmonary Resuscitation (CPR) current within 2 years.

### **HH/PKIN 0761 0.00 First Responder for Athletic Therapy I**

This course encompasses advanced facets of emergency care procedures specific to physical activity scenarios. Upon successful completion, students may be certified as Canadian Red Cross First Responder. Prerequisite: HH/PKIN 0750 0.00 or Equivalent Certifications or permission of the course director. Corequisite: HH/PKIN 0762 0.00. Course credit exclusions: HH/PKIN 7600 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0762 0.00. Note: Students must successfully complete both HH/PKIN 0761 0.00 and HH/PKIN 0762 0.00

### **HH/PKIN 0762 0.00 First Responder for Athletic Therapy II**

This course builds on the principles and learning objectives of HH/PKIN 0761 0.00. Corequisite: HH/PKIN 0761 0.00. Course credit exclusions: HH/PKIN 7600 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0761 0.00. Note: Students must successfully complete both HH/PKIN 0761 0.00 and HH/PKIN 0762 0.00.

### **HH/PKIN 0770 0.00 First Aid/CPR Instructor**

This course focuses on theoretical and practical teaching techniques of First Aid/CPR. Upon successful completion, students may be certified as First Aid/CPR Instructors. Prerequisite: HH/PKIN 0750 0.00 or AS/HH/SC/PKIN 7500 0.00 (prior to Summer 2008) or equivalent. Course credit exclusions: HH/PKIN 7700 0.00 (prior to Summer 2008).

## **Additional Practicum Courses**

### **HH/PKIN 0801 0.00 Independent Studies**

Students may gain practicum credit through activities other than those offered by Kinesiology and Health Science at York University. Such an involvement must be under the direction of a faculty member/instructor and be approved in a formal proposal to the Director of Undergraduate Studies. Note: Open only to Kinesiology and Health Science Majors. Course credit exclusions: AS/SC PKIN 7000 0.00 (prior to Summer 2007).

### **HH/PKIN 0821 0.00 Athletic Therapy Clinical Practicum I**

This practicum course provides students with the opportunity to learn and practice specific skills and knowledge related to clinical aspects in the field of Athletic Therapy. Modalities and exercise rehabilitation applications of clinical practice

introduced to students in the Athletic Therapy Certificate. Prerequisites: HH/KINE 2490 3.00, HH/KINE 3600 3.00, HH/KINE 3575 3.00. Co-requisite: HH/PKIN 0822 0.00; HH/KINE 4575 3.00. Course credit exclusions: HH/PKIN 8020 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0822 0.00. Note 1: Web CT Access. Note 2: Students must successfully complete both HH/PKIN 0821 0.00 and HH/PKIN 0822 0.00.

### **HH/PKIN 0822 0.00 Athletic Therapy Clinical Practicum II**

This course builds on the principles and learning objectives of HH/PKIN 0821 0.00. Prerequisites: HH/KINE 2490 3.00, HH/KINE 3600 3.00, HH/KINE 3575 3.00. Co-requisite: HH/PKIN 0821 0.00; HH/KINE 4575 3.00. Course credit exclusions: HH/PKIN 8020 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0821 0.00. Note 1: Web CT Access. Note 2: Students must successfully complete both HH/PKIN 0821 0.00 and HH/PKIN 0822 0.00.

### **HH/PKIN 0840 0.00 Elementary and Recreational Games**

This course develops an understanding and appreciation of the role of play and games for children; an understanding of the structure, process and outcomes of play and games as they impact upon the individual; students acquire practical leadership skills in planning, implementation and evaluation of play and games for children. Course credit exclusions: HH/PKIN 8040 0.00 (prior to Summer 2008).

### **HH/PKIN 0861 0.00 Personal Training I**

This course provides students with the background and personal experience required for prescribing and directing a personal training regimen. Participants are required to plan and engage in an extensive personal training program both in, and out of, class.

Prerequisite: Only open to students in the Fitness Certificate who are enrolled in or have completed HH/KINE 4400 6.00. Corequisite: HH/PKIN 0862 0.00. Course credit exclusions: HH/PKIN 8060 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0862 0.00. Note: Students must successfully complete both HH/PKIN 0861 0.00 and HH/PKIN 0862 0.00.

### **HH/PKIN 0862 0.00 Personal Training II**

This course builds on the principles and learning objectives of HH/PKIN 0861 0.00. Prerequisite: Only open to students in the Fitness Certificate who are enrolled in or have completed HH/KINE 4400 6.00. Corequisite: HH/PKIN 0861 0.00. Course credit exclusions: HH/PKIN 8060 0.00 (prior to Summer 2008). Open to: Only students concurrently enrolled in HH/PKIN 0861 0.00. Note: Students must successfully complete both HH/PKIN 0861 0.00 and HH/PKIN 0862 0.00.



# STUDENT LIFE

## Kinesiology and Health Science Student Organization (KAHSSO)

- To provide a central focus for the students and faculty involved in the Kinesiology and Health Science undergraduate degree program.
- To promote and encourage participation in the academic, athletic, cultural and social activities in the York University community; to organize programs and activities that augments the professional preparation of kinesiology and health science students.
- To ensure that students are represented on the committees and councils within the School of Kinesiology and Health Science.
- To review and make recommendations on the Kinesiology and Health Science undergraduate degree program.
- To assist and support students majoring in kinesiology and health science and to serve as a voice for these students at the University.
- To receive and administer all KAHSSO funds and properties it may acquire.
- To instill a sense of unity and cooperation among its members.
- To assist and support new students majoring in kinesiology and health science.

*kahsso@yorku.ca*  
*www.yorku.ca/kahsso*

### eNews

Join our list serve and get the scoop! Social events, career seminars, job opportunities, Kine clothing, study sessions, Kin Games, updates, and more!!! Don't miss out! Sign up on our website.

### KINE Clothes

Show your YORK Kinesiology pride by wearing your very own KINE clothing. Superior gear at the lowest prices possible!! Act fast – Kin clothing orders are taken during the first couple of months of the beginning of the school year, so you can have them in time for the holidays. Clothing samples are available for viewing in the KAHSSO office.

### Socials

GET INVOLVED! Join fellow KINE students for social events throughout the year. Past outings have been: Bowling, Toronto Rock Lacrosse games, Skating @ Nathan Phillips Square, Tubing in Barrie, a midsummer camping trip, Rockclimbing, old school roller skating, Kin Games, Pub Night, and lots more! Get to know your fellow classmates and enjoy

university life to its fullest! Check out the website for pictures of past events.

### Get Involved

Want to be a part of KAHSSO? Council elections are held at the end of the fall-winter academic session; however, not all positions are always filled. Council members must hold two office hours per week and must attend a monthly meeting. If you cannot commit, you can still become a General member. By signing up on our listserv you automatically become a General member, and are free to attend and participate in any of our events.

Visit our website for additional information and updates! [www.yorku.ca/kahsso](http://www.yorku.ca/kahsso)

105B Bethune College  
416-650-4975  
*kahsso@yorku.ca*  
*www.yorku.ca/kahsso*

## The Faculty of Health Student Caucus (FHSC)

The FHSC is a student led organization representing all the students in the faculty as well as implementing activities and events involving the entire university community. The FHSC acts as a unifying body for all the student clubs and organizations within the Faculty of Health.

Members become an integral part of representing their peers through supportive discussions and debates which help determine the future of the faculty's academic and social situation. Students benefit by having a chance to meet other undergraduates in the same faculty. In addition, they will also have a chance to incorporate and work with other organizations (both in and out of the Faculty of Health) to help grow York's community, and expand its opportunities to further improve the Faculty of Health. Members work very closely with the Faculty of Health staff to obtain guidance and be informed of all the university's amazing opportunities and offerings.

The FHSC is rapidly growing and we welcome any new members! If you would like to become a general member, please visit [www.yorku.ca/healthsc](http://www.yorku.ca/healthsc) to get an application. If you have any questions and/or concerns, send an email to *fhsccsec@yorku.ca* or drop by our office at 126 Calumet.

## Student Community and Leadership Development (SCLD)

Enrich your student experience by joining one or more of over 320 clubs and organizations, and get involved with student government, York is U, leadership programming, sports and recreation or residence life.

Ross Building, Room S172  
Tel: 416-736-5144  
[www.yorku.ca/scld/](http://www.yorku.ca/scld/)

## Colleges

One of the unique and special features of York is the internal college system, a University tradition that only a handful of Canada's leading universities have adopted. Colleges are centres of student social life, intramural sports, student clubs, extracurricular activities, programs to support student learning and success. On entering York, all students are assigned to a College according to either their program of study (if they live off campus) or the residence in which they live.

Some of the services provided by the College are:

- Academic events
- Social events
- Intramural Sports
- Career option workshops
- Peer mentor program
- Peer study program
- Study skills workshops

## Helpful Web sites & Resources

School of Kinesiology and Health Science  
[www.yorku.ca/health/kine/](http://www.yorku.ca/health/kine/)

Ask a Faculty of Health Advising Expert  
[yorku.intelliresponse.com/health/index.jsp](http://yorku.intelliresponse.com/health/index.jsp)

Ask a Student Services Expert  
[yorku.intelliresponse.com/registrar/index.jsp](http://yorku.intelliresponse.com/registrar/index.jsp)

Current Students Web site  
[yorku.ca/yorkweb/cs.htm](http://yorku.ca/yorkweb/cs.htm)

Degree Progress Report  
[registrar.yorku.ca/mydegreeprogress](http://registrar.yorku.ca/mydegreeprogress)

Faculty of Health Web site  
[yorku.ca/health/info\\_students.html](http://yorku.ca/health/info_students.html)

GPA calculator  
[yorku.ca/health/current\\_students/gpa.html](http://yorku.ca/health/current_students/gpa.html)

Grade Report  
[registrar.yorku.ca/grades/report](http://registrar.yorku.ca/grades/report)

Office of Student Financial Services  
[sfs.yorku.ca](http://sfs.yorku.ca)

Student Portal  
[my.yorku.ca](http://my.yorku.ca)

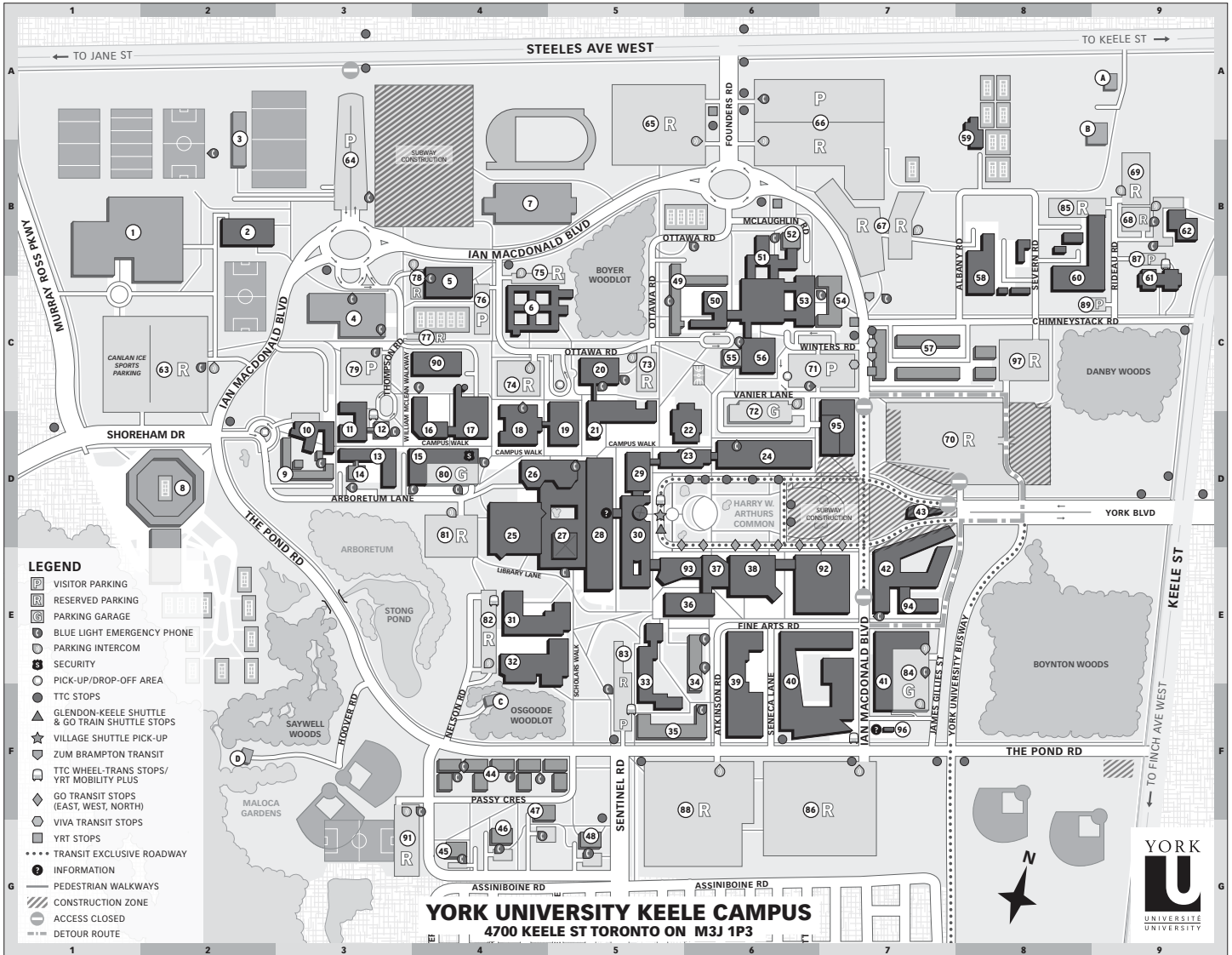
### Academic Support Services

Learning Skills Services  
[yorku.ca/cds/lss/index.html](http://yorku.ca/cds/lss/index.html)  
Learning Skills offers individual counseling, workshops, and online modules designed to improve learning skills and academic success.

Library Services  
[library.yorku.ca](http://library.yorku.ca)  
York University has five libraries on Keele campus, they provide a large collection of materials for your research needs including support.

Writing Department  
[yorku.ca/laps/writ](http://yorku.ca/laps/writ)  
Writing Department provides support to help you become a confident and excellent writer by offering credit courses, one-to-one and small group instruction.

YUlearn Commons  
[yorku.ca/yulearn](http://yorku.ca/yulearn)  
YUlearn is your gateway to York University's extensive resources to support your research, writing and critical skills development.



**YORK UNIVERSITY KEELE CAMPUS**  
4700 KEELE ST TORONTO ON M3J 1P3



**CAMPUS DIRECTORY**

**ACADEMIC, ADMINISTRATIVE & COMMERCIAL BUILDINGS**

59	190 Albany Road	ALB	A8
92	Accolade East	ACE	E7
93	Accolade West	ACW	E6
95	Archives of Ontario*	AO	D7
33	Atkinson	ATK	E5
29	Behavioural Science	BSB	D5
41	Bennett Centre for Student Services, Admissions	BCS	E7
24	Bookstore, York Lanes	YL	D6
10	Calumet College	CC	D3
27	Central Square	CSQ	D5
58	Central Utilities Building	CUB	B8
38	Centre for Film & Theatre	CFT	E6
16	Chemistry	CB	D4
62	Computer Methods Building**	CMB	B9
26	Curtis Lecture Halls	CLH	D5
6	East Office Building	EOB	C4
94	Executive Learning Centre	ELC	E7
21	Farquharson Life Sciences	FRQ	D5
50	Founders College	FC	C6
31	Health, Nursing & Environmental Studies	HNE	E4
32	Ignat Kaneff Building, Osgoode Hall Law School	OSG	E4
36	Joan & Martin Goldfarb Centre for Fine Arts	CFA	E5
61	Kinsmen	K	C9
19	Lassonde Building	LAS	D5
90	Life Sciences Building	LSB	C4
43	Lorna R. Marsden Honour Court & Welcome Centre*	HC	D7
20	Lumbers	LUM	C5
51	McLaughlin College	MC	B6
11	Norman Bethune College	BC	D3
17	Observatory, Petrie	PSE	D4
17	Petrie Science & Engineering	PSE	D4
60	Physical Resources Building	PRB	B9
28	Ross Building	R	D5

25	Scott Library	SCL	D4
27	Scott Religious Centre, CSQ	SRC	D5
40	Seneca @ York, Stephen E. Quinlan Building**	SAY	E7
42	Seymour Schulich Building	SSB	E7
2	Sherman Health Science Research Centre	SHR	B2
18	Steaie Science & Engineering Library	STL	D4
22	Stedman Lecture Halls	SLH	D6
13	Stong College	SC	D3
23	Student Centre	STC	D6
4	Tait McKenzie Centre	TM	C3
39	Technology Enhanced Learning	TEL	E6
96	Temporary Welcome Centre	TEL	F7
56	Vanier College	VC	C6
30	Vari Hall	VH	D5
5	West Office Building	WOB	C4
15	William Small Centre	WSC	D4
53	Winters College	WC	C6
24	York Lanes	YL	D6
95	York Research Tower	YRT	D7

**RESIDENCES & APARTMENTS**

48	320 Assiniboine Road	AS2	G5
47	340 Assiniboine Road	AS4	F4
46	360 Assiniboine Road	AS6	G4
45	380 Assiniboine Road	AS8	G4
34	Atkinson Residence	AR	E6
12	Bethune Residence	BR	D3
9	Calumet Residence	CR	D3
49	Founders Residence	FR	C5
57	Harry Sherman Crowe Housing Co-op**	HCC	C7
44	Passy Gardens, 2-18 Passy Cres.	PASSY	F4
35	The Pond Road Residence	PON	F5
14	Stong Residence	SR	D3
52	Tatham Hall	TR	B6
55	Vanier Residence	VR	C6
54	Winters Residence	WR	C7

**PARKING GARAGES - VISITORS**

80	Arboretum Lane Parking Garage	ARB	D4
84	Student Services Parking Garage	SSP	E7
72	York Lanes Parking Garage	YLP	D6

**PARKING LOTS - VISITORS**

83	Atkinson Lot	E5
66	Founders Road East Lot	A6
64	Northwest Gate Temporary Lot	B3
79	Thompson Road Lot	C4
71	Vanier Lot	C7
76	West Office Building East Lot	C9
89	Physical Resources Building South Visitor Lot	B9
87	Kinsmen Lot	B9

**PARKING LOTS - RESERVED**

67	Albany Road Lot	B7
83	Atkinson Lot	E5
97	Chimney Stack Lot	C8
75	East Office Building Lot	B4
66	Founders Road East Lot	A6
65	Founders Road West Lot	A5
81	Library Lot	D4
73	Lumbers Lot	C5
82	Nelson Road Lot	E4
91	Passy Crescent Lot	G3
85	Physical Resources Building North Lot	D7
68	Physical Resources Lot	B9
69	Rideau Road Lot	B9
88	Sentinel Road Lot	F6
63	Shoreham Drive Lot	C2
74	Steaie Lot	C4
77	Tait McKenzie Lot	C3
86	The Pond Road East Lot	F7
71	Vanier Lot	C7
78	West Office Building West Lot	C4
70	York Boulevard Lot	B8

**VISUAL PERFORMANCE ARTS FACILITIES**

92	Art Gallery of York University	ACE	E7
37	Burton Auditorium*	BU	E6
92	Gales Gallery	ACW	E6
38	Joseph G. Green Studio Theatre	CFT	E6
92	McLean Performance Studio	ACE	E7
92	Price Family Cinema	ACE	E7
92	Sandra Faire & Ivan Fecan Theatre	ACE	E7
92	Tribute Communities Recital Hall	ACE	E7

**SPORT & RECREATION FACILITIES**

1	Canlan Ice Sports*	ICE	B1
4	Tait McKenzie Centre	TM	C3
8	Tennis Canada - Rexall Centre*	TC	D2
7	Track & Field Centre*	TFC	B4
3	York Stadium	STA	A2

**HISTORICAL HOUSE**

C	Hart House	HH	F4
D	Hoover House	HOH	F2
B	Stong Barn	SB	A9
A	Stong House	SH	A9

\* Shared Use  
\*\* Non-York facility  
\* Temporarily Closed

Please visit [www.yorku.ca/mapskeele](http://www.yorku.ca/mapskeele) for the most up to date version of the campus map

: [yorku.ca/web/futurestudents/map/keele\\_map.html](http://yorku.ca/web/futurestudents/map/keele_map.html)

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