



UNIVERSITY OF TORONTO  
FACULTY OF KINESIOLOGY & PHYSICAL EDUCATION

How we move.

# Under-graduate

Bachelor of Kinesiology (BKin)



KPE  
@  
UofT

# Movement



Imagine a place that applies a physical cultural, biophysical and behavioural lens to all aspects of movement, from overcoming injury and managing disease to health promotion, high performance athletics and so much more.

is

everything.

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# Bachelor of Kinesiology (BKin)

Through inclusive excellence in research, teaching and practice, the Faculty of Kinesiology and Physical Education at U of T educates and graduates a diverse student body who become productive contributors and leaders in their fields.

**GIVEN WHAT WE KNOW** about the benefits of healthy active living, the costs of physical inactivity to our individual and collective health and the racial disparities in access to related information, services and programming, our equity-centred mission is more important today than ever: to develop, advance and disseminate knowledge about physical activity, health and their interactions through education, research, leadership and the provision of opportunity.

The BKin degree program gives students the opportunity to acquire the knowledge and skills they need to be leaders in this growing field. Our unique multidisciplinary program combines theory and practice across the curriculum, providing a plethora of hands-on learning experiences in practice based courses, labs, tutorials, and through engagement with the greater community. Throughout, we strongly advocate for anti-oppressive, equitable and inclusive research, teaching and practice.

**“Drawing upon sources of knowledge from the physical and life sciences, the social sciences and the humanities, our BKin degree program is designed to provide students with the foundation of knowledge, critical thinking skills and ethical and inclusive practice to help address contemporary issues related to health and the spectrum of physical activity in diverse communities.”**

**DR. CATHERINE AMARA**  
ASSOCIATE DEAN, UNDERGRADUATE EDUCATION

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# Learning through Experience

Hands-on learning, community engagement, research opportunities, learning abroad, and classes taught by accomplished internationally esteemed professors.

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## OPPORTUNITIES

The Faculty maintains over 100 unique placement partners across the broad field of kinesiology and physical education practice.

- Toronto Western Hospital
- Variety Village
- Toronto District School Board
- Kensington Gardens Long Term Care
- Toronto Football Club
- Dancer Transition Resource Centre
- Hart House, Recreation and Wellness
- Hospital for Sick Children
- Holland Bloorview Kids Rehabilitation
- Centre for Addiction and Mental Health
- The Runners Academy
- Toronto Rehabilitation Institute
- Access Alliance Multicultural Health and Community Services
- CultureLink Settlement Services
- Abilities Centre
- Rugby Ontario

## IN-FIELD LEARNING EXPERIENCES

Professional placements offered as a part of upper year BKin courses are available for third- and fourth-year students, providing an opportunity to learn alongside a mentor in a professional practice setting.

Studying in downtown Toronto gives you unrivaled access to top-tier health-care, sport and physical activity institutions, research opportunities and some of the largest and most diverse school boards and community and recreation centres in the country. The result is unparalleled learning opportunities, professional networking and exposure in Canada's largest city.

## TAILOR YOUR DEGREE WITH A CERTIFICATE

The Faculty offers seven for-credit certificates in conjunction with the Bachelor of Kinesiology program, giving students the opportunity to tailor their degree to meet their areas of interest.

- Certificate in Clinical Movement Science
- Certificate in Fundamental Sciences and Research
- Certificate in Global Kinesiology and Education
- Certificate in Mental Health and Physical Activity
- Certificate in Physical Activity Instruction
- Certificate in Social and Environmental Justice
- Certificate in Sport Sciences

Learn more about each certificate at [kpe.calendar.utoronto.ca](https://kpe.calendar.utoronto.ca)



## **DR. MADELEINE ORR**

### **Accelerating climate action in sport**

Madeleine Orr, assistant professor at KPE, is a researcher and advocate for climate action. Her research focuses on how sport can impact the environment, the ways climate change is affecting sport and the solutions that can mitigate those issues.

“Climate change is impacting lives all over the world,” she says. “I get to stare down big, complicated challenges like air pollution and extreme heat, and figure out how to keep athletes safe in those conditions and how to keep sport fun despite the environmental challenges.”

Orr is the founder and co-director of The Sport Ecology Group, who consult on international climate issues for sports organizations such as World Athletics, Adidas, Formula 1 teams and the NCAA.

Taking a transdisciplinary approach to keep sport and play safe and accessible in the future — that’s how we move.

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## **LEARNING ABROAD**

We encourage students to take advantage of international education opportunities available through the program, including exchange opportunities, the Summer Abroad program, and course, internship and research opportunities abroad (e.g., Tsukuba Summer Institute).

## **LEADING PROFESSORS AND RESEARCH**

All of our courses are taught by accomplished scholars and scientists who bring their research and experience into the classrooms and teaching labs.

Our students have opportunities to engage in independent research projects, working alongside professors. We also encourage students to attend national conferences to present their research.

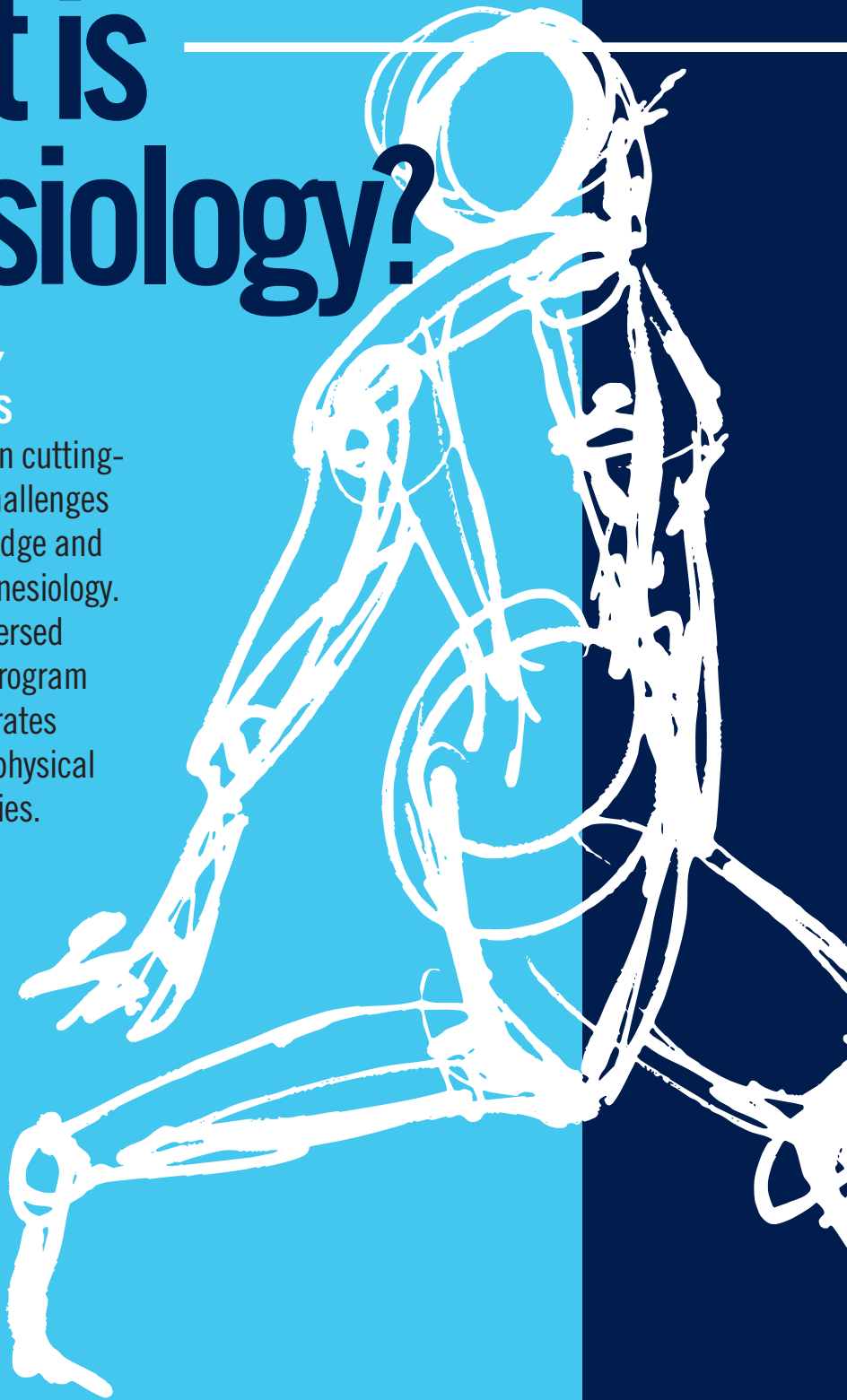
## **INTEGRATING THEORY AND PRACTICE**

We offer a wide array of courses that help to produce movement specialists. Our students develop knowledge and competencies related to the design and delivery of exercise and physical activity to a variety of populations within a broad range of settings. Sample courses include Introduction to Movement Observation and Evaluation, Fundamental Principles of Fitness and Exercise, Teaching the Child, Aging and also Adapted Physical Activity, which includes applied sessions in a field setting working with diverse populations.

# What is Kinesiology?

## HUMAN ANATOMY TO HUMAN RIGHTS

At U of T, we engage in cutting-edge research that challenges and advances knowledge and informs practice in kinesiology. Students will be immersed in a comprehensive program that spans and integrates physical cultural, biophysical and behavioural studies.



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## ● Cultural

Violence in sport and its effect on youth  
Gender and health  
Use of visual media in sport and health  
Children's play  
Race and Indigeneity

## ● Psychology

Mental benefits of exercise and physical activity  
Motivation and behaviours associated with healthy active living and participation in sport  
Inclusive practices in behavioural sciences

## ● Coaching

Achieving optimal performance in a safe, inclusive way  
Athlete-centred coaching practices

## ● Safety/Rehabilitation

Current perspectives on injury prevention and concussion in sport  
Sport injury  
Exercise and cancer survivorship

## ● Physiology

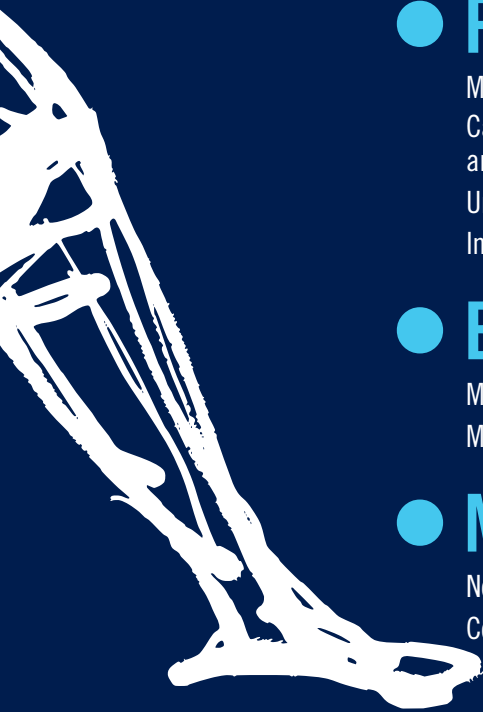
Metabolic effects of exercise and nutrition  
Cardiovascular, respiratory and muscle responses to acute and chronic exercise  
Understanding the mechanisms limiting exercise tolerance  
Inclusive practices in applied exercise physiology

## ● Biomechanics

Mechanics of movement  
Musculoskeletal health and injury prevention in the workplace and in sport

## ● Motor Skills

Neuromotor control of movement in development, training and rehabilitation  
Cognitive and motor disorders



# Where can a BKin degree take you?

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University of Toronto BKin graduates are well prepared to pursue a wide array of careers or to continue their studies in many professional and graduate schools.

**HEALTH SCIENCES**

**REGULATED HEALTH PROFESSIONS**

**EDUCATION**

**PHYSICAL ACTIVITY AND HEALTH EQUITY AND ADVOCACY**

**RECREATION**

**SPORTS ADMINISTRATION**

**OUTDOOR LEADERSHIP**

**COACHING**

**PUBLIC POLICY ANALYSIS**

**BUSINESS**

**FITNESS INDUSTRY**

**EVENT MANAGEMENT**

**MARKETING AND PROMOTION**

**CLINICAL KINESIOLOGY**

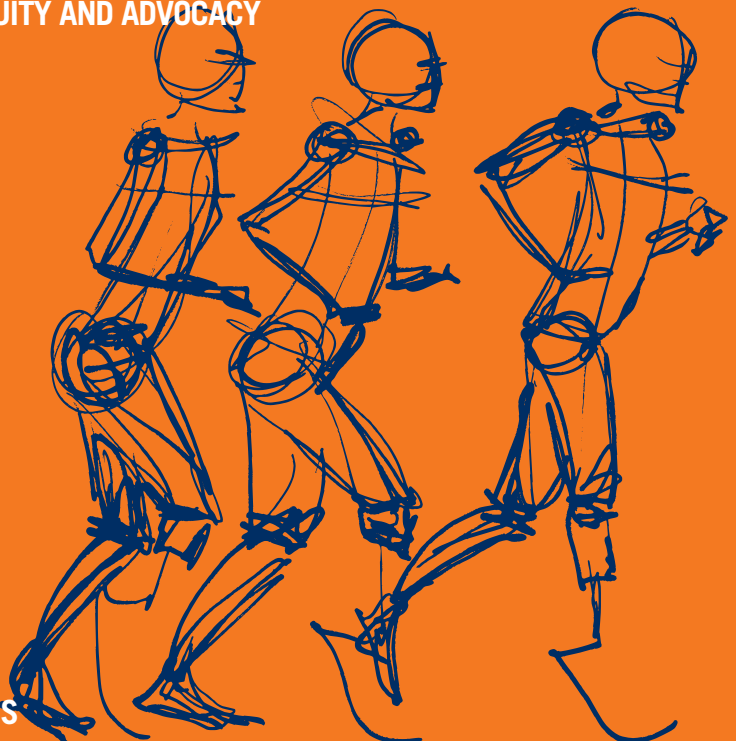
**ERGONOMICS**

**GOVERNMENT SCIENTISTS**

**CLINICAL TRIALS MANAGEMENT**

**ACADEMIA PUBLIC HEALTH**

**NON-GOVERNMENTAL ORGANIZATIONS**





## From the Soccer Field to Medicine via Kinesiology



**Tate Newmarch** was not planning on ever going to university. He was on his way to fulfilling his dream of becoming a soccer star in France, but a serious injury put him out of the game and at a crossroads. He decided to apply to study kinesiology, attracted by its multidisciplinary nature and the aspect of sport.

He was interested in following up his kinesiology degree with studies in medicine, an idea that solidified once he was in the program and conducting research with Assistant Professor Doug Richards, medical director and staff physician at U of T's David L. MacIntosh Sport Medicine Clinic.

Newmarch has since received acceptance from U of T's Faculty of Medicine and will continue to work with Professor Richards on the research as a medical student.

## Kinesiology Students from Around the Globe



**Rebecca Chan** had many interests coming out of high school in Malaysia, but her love for sports and the idea of helping athletes achieve their dreams prevailed. She came to Canada to complete her undergraduate studies in kinesiology at U of T and embraced many opportunities offered in the BKin program.

Chan conducted undergraduate research with KPE's Biomechanics and Sport Medicine Lab and worked as a teaching assistant for the Faculty's anatomy classes. Beyond the classroom, she leaned into the University's rich student life by joining the U of T dragon boat racing team and singing in a jazz a cappella choir.

The combined sociological and scientific foundation of the BKin program is something Chan says was invaluable in her interactions with others, emphasizing the range of relationships that exist between people and physical activity.

"U of T kinesiology graduates are the kind of healthcare practitioners who see the 'person through the problems,' and I am proud to be a part of this academic tradition."

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# Small Community, Big Opportunities

Located at the heart of U of T's St. George Campus, the Faculty of Kinesiology and Physical Education gives you the advantage of being immersed in one of the world's leading research universities while also enjoying the support and camaraderie of a small close-knit community of students, staff and faculty.

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## FRIENDLY, SUPPORTIVE COMMUNITY

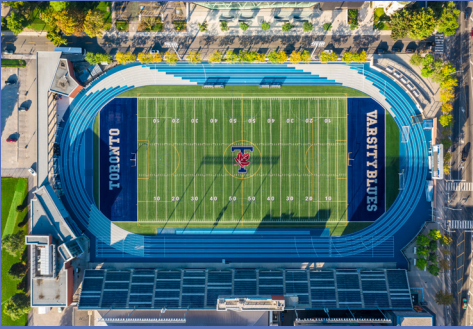
We are a small close-knit community embedded within our prestigious University. As a student, you will enjoy an inclusive, welcoming and safe environment, with access to a wide range of student support services to help you make the most of your university experience — inside and outside of the classroom.

- Front line support through the Office of the Registrar and Student Services within our Faculty
- Academic student advisors
- Learning skills resources, workshops and counselling including support through First Nations House
- KINections program where students have access to curated virtual and on-campus activities that support wellness and connection, at KPE and with the local and global community
- Health Sciences Writing Centre
- Career skills development
- Kinesiology and Physical Education Undergraduate Association (KPEUA)

## COMBINED MASTER OF TEACHING DEGREE PROGRAM

BKin students have the opportunity to gain early (conditional) graduate admission (in Year 3 of their undergraduate program), on a competitive basis, to the Master of Teaching (MT) program from the Ontario Institute for Studies in Education (OISE), which is internationally recognized as a leading institution in the field of education. If their application is successful, they are permitted to take 1.0 full-course equivalent from OISE's MT curriculum in their 4th year to count both towards their BKin degree and MT degree. Students who successfully complete their Combined Degree Program, will have earned two University of Toronto degrees (i.e. BKin and MT), and be recommended to the Ontario College of Teachers for a Certificate of Qualification, which certifies them to teach in Ontario schools.

# Great Facilities and Programs



**The Faculty** of Kinesiology and Physical Education supports all U of T students by providing a wide range of co-curricular physical activities that strive to meet everyone's needs. Students may access physical activity, sport and leadership opportunities in all our facilities: the Athletic Centre, Varsity Centre, and state-of-the-art Goldring Centre for High Performance Sport.



Students can also participate in a multitude of pursuits and activities, including over 800 clubs ranging from drama productions to multifaith groups to community work. In addition, being part of a large and prestigious university provides advantages such as access to one of North America's largest libraries, as well as proximity to learning and networking opportunities through affiliated hospitals.



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# Requirements

The Faculty of Kinesiology values diversity and social inclusion and encourages applications from Indigenous and racially marginalized students.

## ONTARIO HIGH SCHOOL APPLICANTS

### Program Requirements/ Prerequisites:

Six Grade 12 4U/M courses or their equivalent; must include:

- English
- Advanced Functions OR Calculus and Vectors
- One of Biology, Physics, Chemistry

### Strongly Recommended

- Introduction to Kinesiology/Exercise Science

### Recommended

- Biology and/or Physics (Note: Chemistry is strongly recommended for candidates wanting to pursue multiple courses in university level biology).

## ADDITIONAL REQUIREMENTS

All applicants must submit an online Statement of Interest  
[kinesiology.utoronto.ca](https://kinesiology.utoronto.ca)

## APPLICANTS NOT FROM AN ONTARIO HIGH SCHOOL

All applicants must present the high school requirements or equivalent in English, Science and Mathematics. Full details on academic requirements for applicants not currently enrolled in an Ontario high school available at:  
[future.utoronto.ca/apply](https://future.utoronto.ca/apply)



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