

**BACHELOR OF
KNOWLEDGE
INTEGRATION,
REGULAR ONLY**

KNOWLEDGE INTEGRATION

Design your education.

The problems facing our world are complex, rapidly evolving, and transcend boundaries. Just like you. Knowledge Integration (KI) offers the opportunity to explore and integrate your interests across a range of subjects that go beyond the arts and sciences. You'll build your program around a core set of skills that will equip you to communicate effectively and adapt to changing and complex environments, giving you the dexterity to excel in the jobs of the future.

Join a tight-knit, supportive community

20-30 STUDENTS

per year

CHART YOUR COURSE

No two Bachelor of Knowledge Integration degrees are the same. Core KI courses teach you skills in collaboration, communication, research, and design thinking. Breadth courses ensure you build a foundation of skills and knowledge from multiple disciplines, and elective courses allow you to specialize in areas that interest you, whatever they may be.

YR.	CORE COURSES	BREADTH COURSES	ELECTIVE COURSES
1	The Art and Science of Learning	Choose one course in each of these areas: > Ethics and social justice > Conflict management > English > Probability and statistics > Computer science	Explore new disciplines, specialize in your interests, and prepare for your future career path with your choice of 17 electives, to be taken across campus.
	Collaboration, Design Thinking, and Problem Solving		
	Public Speaking		
2	Critical Thinking	Choose two courses in each of these areas: > Second language > Mathematics > Sciences	
	Nature of Scientific Knowledge		
	The Social Nature of Knowledge		
3	The Museum Course: Preparation and Field Trip	Senior Honours Project A: Research and Planning	
	The Museum Course: Research and Design		
	The Museum Course: Practicum and Presentation		
4	Research Design and Methods	Senior Honours Project B: Writing and Presentation	

ADMISSIONS

Required courses: Six Grade 12 U or M courses, including:
Any Grade 12 U English (min. 70%)
Any Grade 12 U Science (min. 70%)
Any Grade 12 U Mathematics (min. 70%)

Admissions average: Low 80s

AFTER GRADUATION

KI graduates are equipped with the knowledge and skills to enter a wide range of careers and higher education fields. After graduation, about half of KI alumni enter the workforce directly while half pursue graduate school.

FURTHER EDUCATION

- › Medicine, law, teacher's college, and other professional degrees
- › Master's and PhD degrees in an array of fields
- › Professional certificates

SAMPLE CAREERS

BUSINESS

- › Program Manager, Lumos Clean Energy Advisors
- › Events & Partnerships Officer, Southlake Foundation
- › Senior Consultant, Deloitte

TECH

- › UI/UX Designer, Descartes Systems Group
- › Data Scientist, Shopify
- › Senior Design Researcher, RBC Royal Bank

EDUCATION

- › Professor, York University
- › ESL Teacher, College de Montreal

ACCREDITED FIELDS

- › Senior Software Engineer, Cognixion
- › Lawyer, Ontario Ministry of the Attorney General
- › Veterinarian, Center for Bird and Exotic Animal Medicine
- › Doctor, family medical practice

uwaterloo.ca/ki/careers

CREATING CHANGEMAKERS

Innovation happens when cross-disciplinary thinking and action collide. Apply what you've learned in the classroom through project-based learning, where you'll gain hands-on experience in project management, problem solving, communication, and design.

THE MUSEUM COURSE

In your third year, you'll work with a small group to design and build an interactive museum exhibit on a topic of your choice. Beginning with a field trip to a major museum city in Europe, the course culminates in your own on-campus exhibition.

SENIOR HONOURS PROJECT

In your final year, you'll work on a project of your choice that showcases your critical thinking skills, interdisciplinary knowledge, and unique expertise. Past topics include collaborative game design, political action, future cities, and restorative justice.

COMMUNITY ENGAGEMENT

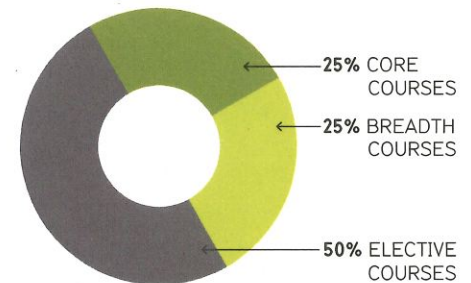
Take advantage of KI's close-knit community through its student association, mentorship program, advocacy and anti-oppression work, and much more. You'll get to know your peers and your instructors on a first-name basis, providing you with a supportive environment and tailored letters of reference for graduation. Many KI students also work closely with professors through paid research and teaching assistant positions.

CUSTOMIZE YOUR DEGREE

As the most flexible program at Waterloo, you can design your education around your interests and prepare yourself for any career path.

There are many ways to use your elective courses. For example:

- › Pursue a joint degree with a 2nd major
- › Take one or more minors
- › Explore a broad set of courses
- › Leverage one or both KI specializations



COLLABORATIVE DESIGN SPECIALIZATION

Develop a concentration in design thinking, real-world problem solving, creativity and innovation beyond your core KI courses.

SCIENCE, TECHNOLOGY, AND SOCIETY SPECIALIZATION

Deepen your understanding of the social, ethical and political dimensions of science and technology.

MORE TO EXPLORE

Meet us online for more tips and stories:



@KIWaterloo

UNIVERSITY OF WATERLOO
FACULTY OF ENVIRONMENT
KNOWLEDGE INTEGRATION
KI@UWATERLOO.CA

200 UNIVERSITY AVE. W.,
WATERLOO, ON, CANADA N2L 3G1

uwaterloo.ca/future/environment

