

**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 on both sides of the traditional arts and science divide. 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

25-30 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 get a balance across the arts and sciences, and depth courses allow you to specialize in areas that interest you, whatever they may be.

YR.	CORE COURSES	BREADTH COURSES	DEPTH COURSES
1	The Art and Science of Learning	Choose courses in these areas: > ethics > statistics > computer science > research design > 2 maths > English > 2 sciences > 2 courses in the same second language	Your choice of 18 electives to deepen your specialized knowledge in areas that interest you, culminating in your final research project.
	Collaboration, Design Thinking, and Problem Solving		
	Public Speaking		
2	Critical Thinking	> conflict management	
	Nature of Scientific Knowledge		
	The Social Nature of Knowledge		
3	The Museum Course: Preparation and Field Trip		
	The Museum Course: Research and Design		
	The Museum Course: Practicum and Presentation		
4	Senior Research Project: Research and Planning		
	Senior Research Project: Writing and Presentation		

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, the course culminates in your own on-campus exhibition. Past trips have taken students to Amsterdam, Barcelona, Berlin, and Copenhagen.

SENIOR PROJECT

In your final year, you'll put your critical-thinking skills and interdisciplinary passion to work on a research or design project of your choice. Past topics include the gamification of scientific research, crime prevention strategies, biofuels, political action, and collaborative game design. You'll work with a KI professor and a mentor from a discipline related to your topic.

BEYOND THE CLASSROOM

Summers off? More like summers on! With no academic requirements in the spring term, you can use the four months off campus to apply what you learned in the classroom to the real world.

KI WORKS

Enroll in this optional program if you have a summer job relevant to your degree interests or career aspirations. You'll complete pre- and post-employment reflections, have regular structured feedback meetings with your manager, and have an end-of-term evaluation.

EDGE CERTIFICATE

Waterloo's experiential education certificate program for students in non-co-op programs helps you develop professional skills, explore career options, and learn how to market yourself to employers.

ADMISSIONS

Required courses: Six Grade 12 U or M courses, including:

Any Grade 12 U English (min. 75%)

Any Grade 12 U Science (min. 75%)

Any Grade 12 U Mathematics (min. 75%)

Admissions average: Low 80s

AFTER GRADUATION

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

FURTHER EDUCATION

- › Professional degrees including medicine, law, and architecture
- › Master's and PhD degrees in an array of fields
- › Professional certificates

SAMPLE CAREERS

- › Consultant, Deloitte
- › UI-UX Designer, Descartes Systems Group
- › Data Scientist, Shopify
- › Business Systems Analyst, RBC Royal Bank
- › Policy Analyst, Ontario Ministry of Health and Long-Term Care
- › Program Manager, Lumos Clean Energy Advisors
- › Speech Language Pathologist, Speech Pathways

uwaterloo.ca/ki/careers

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FACULTY OF ENVIRONMENT
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