



ONE HUNDRED AND THIRTY-FIRST CONVOCATION

# CONVOCATION

FRIDAY  
**OCT**  
**24**  
**2025**

FACULTY OF MATHEMATICS  
FACULTY OF HEALTH  
FACULTY OF ENVIRONMENT  
FACULTY OF SCIENCE  
Convocation Ceremonies

# CONVOCATION

*On this day, as the University of Waterloo awards degrees and celebrates the achievements of a new generation of graduates, the members of the University and its guests share in a 900-year-old ritual called convocation.*

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FRIDAY, OCTOBER 24, 2025

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## TERRITORIAL ACKNOWLEDGEMENT

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg, and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is co-ordinated within the Office of Indigenous Relations.

# Message from the chancellor

*Welcome graduates, families, friends and supporters to convocation.*

I'm so pleased to once again preside over the fall convocation ceremonies. This is my second year as chancellor, though my connection to the University of Waterloo dates back more than 30 years. I received my three degrees from this institution, and I've continued my strong connection to the University since then.

Waterloo helped shape me, as I'm sure it has shaped the accomplished graduates who will receive their degrees today. Discovery, innovation, entrepreneurship, the freedom and inspiration to think big, audacious thoughts – these are in the ethos of the University of Waterloo. Since stepping into my role as chancellor last year, I have been delighted to connect with students, alumni and our Waterloo community across our campuses and around the world. No matter where in the world I am, I see our community members embodying Waterloo's spirit and values.

Convocation marks a culmination of so much hard work and dedication. Each graduate has navigated the highs and lows of their educational journey to make it to this milestone. Members of the Class of 2025, especially, have overcome many unexpected hurdles during their time at Waterloo. The ability to maintain focus and support each other will serve these graduates well into the future.


I speak from experience when I say that Waterloo graduates are unique in the way they approach challenges, collaborate and stay motivated to make the world a better place. They have the skills and the network to effectively address whatever lies ahead.

During convocation, we celebrate the achievements of our graduates and their shift to our alumni community. Since Waterloo's founding in 1957, we have conferred more than 260,000 degrees and certificates. The Waterloo alumni network extends to more than 150 countries and offers our graduates a community regardless of where their futures take them.

As alumni, we are all Waterloo ambassadors for life. We are also leaders. Waterloo graduates have a responsibility to make the world a better place, whether finding solutions to humanity's most significant challenges or fostering kindness, beauty and well-being for those most in need. The knowledge and creativity of Waterloo alumni continue to have a lasting impact on our community and beyond.

Congratulations to all our graduates and their families, friends, mentors, faculty and staff who helped make this tremendous accomplishment a reality.

*Thank you for continuing the Waterloo tradition of excellence.*



**JAGDEEP SINGH BACHHER**

BASc '93, MASc '94, PhD '00

Chancellor

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**“I SPEAK FROM EXPERIENCE WHEN I SAY THAT WATERLOO GRADUATES ARE  
UNIQUE IN THE WAY THEY APPROACH CHALLENGES, COLLABORATE AND STAY  
MOTIVATED TO MAKE THE WORLD A BETTER PLACE.”**

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# Message from the president and vice-chancellor

*It is my privilege to welcome our graduates along with their families, friends and supporters to the University of Waterloo's Fall 2025 Convocation.*

The road to earning a degree is challenging. It takes hard work, courage and dedication. And in this year's graduating class, I have also witnessed their curiosity about the world, their drive to shape a better future, and their resilience through challenging times. As the Class of 2025 crosses the stage, we celebrate their accomplishments and journeys to get to this milestone. The degrees they've earned are a culmination of lessons, relationships and experiences.

A Waterloo degree is also unique. Whether students choose co-op, undertake an entrepreneurial venture or explore courses or opportunities outside their disciplines, Waterloo provides an environment for them to embrace their passions and be unconventionally bold.

At Waterloo, we are proud to be a community of curious, collaborative, innovative and entrepreneurial problem-solvers and leaders who seek to build a better future for humanity and our planet. We think differently, act with purpose and work together. Our students don't just inherit this ethos – they continue to help shape it throughout their time at Waterloo and beyond.

As this year's graduates leave our campuses, they continue to be an important part of our Waterloo community. They are joining more than 260,000 alumni around the globe – helping our institution stay connected to the world around us.

Graduates: now is your opportunity to bring your unconventional thinking and innovations to the world. Global challenges are intersecting in complex ways. Bold and curious innovators are needed to build and identify solutions that are equitable and sustainable. You are among the future leaders and changemakers who will help tackle these challenges and help shape a better future.

Wherever your path leads, I hope you will continue to stay connected to our institution and the University of Waterloo community.

*I wish you all the best on the next stage of your journey.*



*Vivek Goel*

**VIVEK GOEL**

CM, OOnt

President and Vice-Chancellor

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**“YOU ARE AMONG THE FUTURE LEADERS AND CHANGEMAKERS WHO WILL HELP  
TACKLE THESE CHALLENGES AND HELP SHAPE A BETTER FUTURE.”**

# Message from the alumni council chair

## *Congratulations Class of 2025!*

On behalf of the University of Waterloo's Alumni Council and your alumni community, congratulations to each one of you on this remarkable achievement. It gives me great pleasure to celebrate your graduation and welcome you to a global network of more than 260,000 alumni. I hope you are as proud of yourselves as we are of you.

We cannot wait to see you back on campus and hear about your professional and personal accomplishments. Remember that life is a journey, not a destination. Your journey has only just begun and as you continue this adventure, your global alumni network is here for you through our alumni chapters and global ambassadors.

As new alumni, your feedback is invaluable, and I encourage you to share your insights, stories and updates with Alumni Relations. They have valuable resources that can help you to develop your career, connect with other alumni and stay in touch with the University of Waterloo.

*Congratulations once again on all your accomplishments and I wish you the best as you join our Waterloo alumni community. Best wishes for much success!*



*Lee Anne Doyle*

**LEE ANNE DOYLE**

BES '81

Chair, University of Waterloo Alumni Council

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**“THERE ARE MORE THAN 260,000 OF US AND WE ARE HERE TO SUPPORT  
YOU AS YOU WORK TOWARDS YOUR GOALS.”**

# Our tradition of convocation

*The ritual of convocation is a tradition that honours the roots of the university, and is, at the same time, a beginning for students who now enter a new stage in their lives.*

*We welcome guests on this celebratory occasion and thank you for being present to share in it.*

Both the symbols and the ceremony of convocation look back far beyond the beginning of the University of Waterloo, back to the centuries of university life in Western civilization which Waterloo joined six decades ago. The founders of this University were eager from the beginning to make it part of that long tradition, although they proudly asserted that they were building a new and innovative university, with close ties to industry and an emphasis on practical knowledge for building the future.

On this day, as ancient customs mix with the use of up-to-date technology and exuberance of a new generation, convocation connects a forward-looking university with the traditions that universities have observed as long as they have existed.

The University of Waterloo grew out of an older institution, Waterloo College. A still older one, the University of St. Jerome's College, soon became federated with it, and the College of Optometry of Ontario joined the family in 1967. Although all these institutions were newcomers compared with Oxford and Harvard and the Jagiellonian, the connection to the traditional role and style of a university remains clear.

Tradition underlies the proceedings of today's convocation, the continuity of this University with centuries of academic experience. Passion brings the proceedings to life, along with the enthusiasm with which the University recognizes new achievements and new ideas.



1960s  
CONVOCATION  
AT WATERLOO

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## A CALLING TOGETHER

Students graduate at the end of a program of study, leading to a degree with a traditional name: Bachelor, Master, or Doctor. On this day, their families and friends celebrate their success and their transition from one status in life to another. Convocation has been, for the past nine hundred years, a meeting of the whole university community at which symbols are displayed, participants wear special attire to emphasize their official roles, and speakers share their wisdom and the values that the university seeks to teach. Convocation (the name comes from Latin, which was once the primary language of higher education) is a calling together of new graduates to receive the symbols of their accomplishments, and a calling together of the older members of the university to witness and join in the celebration.

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## CONNECTING WITH TRADITION

At Waterloo's first convocation in June 1960, the guest speaker was James J. Talman of the University of Western Ontario (now Western University), who told the audience a little about the history of Waterloo County and its industry. "The greatest resource we still have is the minds of the people," Talman said. "And this resource still remains to be developed to its full potential. The people of the Grand Valley clearly appreciate this fact. As we see the success with which they developed the physical resources in the past we can only conclude that they will be just as successful in developing the intellectual resources of the future. The University of Waterloo can look forward to a brilliant and successful future."

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## THE PROCESSION

The most impressive part of the ceremony may be the procession that begins it. The graduating students will come in first, and as they fill up the main body of the hall, they will give the impression that today's ceremony really is, as convocation used to be, a ceremonial meeting of the whole University community.

After the graduating students have come in, the academic procession will begin. First to enter is the ceremonial Eagle Staff, a symbolic representation of the continuous presence of Indigenous Peoples of these lands, carried in by an Eagle Staff carrier. Next, a selected faculty member will carry the mace, a traditional symbol of the University's authority. Then faculty members enter, walking two by two, dressed in their academic finery.

The final party to arrive is the chancellor's party. The chancellor is the ceremonial head of the University of Waterloo. The chancellor presides over convocation ceremonies every June and October and awards all degrees, diplomas and certificates, including honorary degrees. The chancellor offers an inspirational message for the graduands at these ceremonies.

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## THE MACE

The solid silver and ebony wand was given to the University in 1965 by the family of the late Stanley F. Leavine and was designed by Toronto artist Eric Aldwinckle and crafted by silversmith Harold Stacey to symbolize the University as it was at that time. It displays lions, chevrons and the shield of the province of Ontario, from which the University holds its charter to grant degrees.

The symbolic theme of the mace is unity amid diversity, and tension in the creative intellectual process that strives to bring forth a new individual. The design of the mace interprets this theme in the idiom of the life process: from the seeds at the base of the stave the mace grows in unity and strength until it differentiates by a four-fold separation into diverse elements.





The four-fold diversity is significant because of the four faculties existing at the time the mace was presented to the University, and the four church-related colleges federated and affiliated with the University. These diverse elements together form a crown, and the point of the crown, while tending toward a union, do not quite touch. They remain as individuals suspended in tension and yet engaged in deep harmony. This creative process is focused not on the traditional spherical orb of static perfection but rather on an elliptical silver ovum – the egg-shaped symbol of creativity – the marvelous potential of a new individual life.

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## THE COAT OF ARMS AND MOTTO

The lions and chevrons also appear on the shield that is the University's coat of arms and is imprinted on the graduates' diplomas. Derived from traditional heraldry, it has been used since 1961 and was registered with the Court of the Lord Lyon in 1987. The shield uses the official colours of gold, black and white, and its symbols refer to the University's base in the cities of Kitchener and Waterloo. The unusual double chevrons were borrowed from the coat of arms of Lord Kitchener of Khartoum, and the red lions are like those on the coat of arms of the Duke of Wellington, victor at the 1815 Battle of Waterloo. The lions also reflect the tough and innovative spirit of the University's founders and builders, and the black and white in the chevron are the colours of Prussia, reflecting the Germanic background of many Waterloo County settlers. Beneath the shield appears the University's motto: *Concordia cum veritate*, "In harmony with truth."

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## DEGREES AND HONORARY DEGREES

Presentations of earned and honorary degrees, and the speeches associated with them, take up most of the time at convocation. Undergraduate and graduate degrees are awarded in each of our six faculties: Arts, Engineering, Environment, Health, Mathematics and Science. Also included are students who attended our colleges, Conrad Grebel University College, Renison University College, St. Jerome's University and United College.

In addition to "earned" degrees awarded to students who have met the requirements through years of effort, the University of Waterloo confers "honorary" degrees to individuals who have been designated by the Senate, the University's academic governing body, as deserving special honour. They, too, receive hoods, lined with the colour of the faculty that nominated them or with specially designated colours for other kinds of achievement.

By tradition, public service is recognized with a Doctor of Laws degree even in a university that does not regularly teach law. The individuals receiving honorary degrees are introduced during the ceremony, and a brief citation is read to explain their various accomplishments deserving of recognition by a university. One of the honorands will address convocation after the degree has been given.

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## EAGLE STAFF

On September 22, 2022, the University of Waterloo held a Commitment Ceremony pledging action toward decolonization, Indigenization and reconciliation. Weaving in the knowledge, ways of knowing, and understandings of First Nations, Métis and Inuit peoples equips the Waterloo community, especially Waterloo graduates, with the tools and knowledge they need to create a better future for all.

The commitment was formalized through a Pipe Ceremony, after which Vivek Goel, president and vice-chancellor, was given the name “Ogiima” (meaning leader) and presented with gifts of an eagle feather and two Wampum belts. Our recommitment is formally acknowledged in a special ceremony each fall.

Building on the desire and responsibility to incorporate Indigenous perspectives, the University of Waterloo community came together for a ceremony in 2023 to welcome an Eagle Staff to the University.

An Eagle Staff is an important element of the Indigenous relationship with Earth and those who have protected it. It reflects the wisdom, strength and honour of those who carry it, representing different nations on Turtle Island.

On September 30, 2025, a new Eagle Staff was presented to the University. It features 13 turtles representing Turtle Island climbing up the staff and 13 eagle feathers that symbolize the 13 moon cycles in a year. On one side of the skirt there are seven white beaded medallions representing the seven grandfather teachings of love, respect, courage, honesty, wisdom, humility and truth.

On the other side, seven beaded medallions represent the Earth and sky world and all our relations on Earth. Deerskin pouches containing the four sacred medicines, tobacco, sage, sweetgrass and cedar sit in the dream catcher held in the deer antler at the top of the staff. The staff carries many teachings and reminds us that all of life is connected, and none is more important than another.

The new Eagle Staff will lead the processions for the first time at our Fall 2025 Convocation ceremonies, marking an important moment in our ongoing journey of reconciliation. By welcoming the Eagle Staff, the University acknowledges the responsibility to recognize, accept and incorporate First Nations, Métis and Inuit perspectives in how we teach, govern and behave as an institution. It serves as a beacon of reconciliation on our shared path forward.



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**“THE EAGLE STAFF SERVES AS AN IMPORTANT SYMBOL AND REMINDER OF THE COMMITMENT WE MADE TO RECONCILIATION AND SERVES AS INSPIRATION FOR OUR UNIVERSITY COMMUNITY TODAY AND FOR FUTURE GENERATIONS.”**

**VIVEK GOEL**  
*President and Vice-Chancellor*

# Honorary doctorates

*An honorary degree (honoris causa) is the highest honour conferred by the University. Through the conferring of honorary degrees, the University of Waterloo seeks to recognize outstanding achievement, whether academic or through service to society.*

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## CINDY FORBES

*BMath ('79)*

*Doctor of Mathematics, honoris causa*

FRIDAY, OCTOBER 24 / MORNING CEREMONY



Cindy Forbes holds a Bachelor of Mathematics in Actuarial Science from the University of Waterloo. She is a Fellow of the Society of Actuaries and the Canadian Institute of Actuaries. She has been a transformational force in modernizing the Canadian insurance industry, namely through various executive roles held with Manulife Financial for more than 35 years, including chief actuary, global chief analytics officer and executive vice-president. From 2017 to 2022 she was chair of the Board of Governors at the University of Waterloo, and a special advisor to the Premier of Ontario from 2021 to 2022.

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## ALBERT WONG KAH SENG

*BSc ('80)*

*Doctor of Laws, honoris causa*

FRIDAY, OCTOBER 24 / AFTERNOON CEREMONY



Albert Wong began life in Canada as a young immigrant in Sudbury, Ontario, where he learned the values of hard work and community service. As a member of the Canadian Armed Forces for 39 years his service included public affairs in Afghanistan, peacekeeping missions in Ethiopia and Eritrea, and domestic operations in the Canadian Arctic. As a UN peacekeeper, he witnessed the profound impact of diplomacy and collaboration in maintaining peace and security worldwide. A citizenship judge since 2014, Wong has welcomed more than 300,000 new Canadians, helping them integrate into our multicultural society. Photo credit: Visions by David

# *Distinguished professor emeritus*

*The distinguished professor emeritus designation is made to faculty members who have had a distinguished record of service in teaching and research in the University. The honorary award is granted upon, or shortly after, retirement.*

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## **ALFRED JOHN MENEZES**

*BMath ('87), MMath ('89), PhD ('92)*

Faculty of Mathematics

FRIDAY, OCTOBER 24 / MORNING CEREMONY



Dr. Alfred Menezes attended the University of Waterloo and went on to receive bachelor's, master's, and doctorate degrees from Waterloo. He has served as a faculty member in the Department of Combinatorics and Optimization since 1998 and was department chair from 2011 to 2015. In 2024, he was recognized as a Fellow of the International Association of Cryptologic Research for "fundamental contributions to the theory and practice of elliptic curve cryptography, and for service to the cryptographic community." Beloved as a teacher, he has won both the University of Waterloo Distinguished Teaching Award and the Faculty of Mathematics Award for Distinction in Teaching.



# Honorary members of the University

*The honorary member of the University designation is the highest honour a staff member can obtain at the University of Waterloo and is granted upon retirement. It recognizes the individual for outstanding service to the University as a whole, not limited to one department or faculty. For faculty members, it recognizes distinctive administrative service to the University.*

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## CARYL RUSSELL

BSc ('80) MSc ('92)

Faculty of Health

FRIDAY, OCTOBER 24 / AFTERNOON CEREMONY



Caryl Russell earned her bachelor's and master's in Kinesiology from the University of Waterloo. She began her career in the Department of Kinesiology in 1980 as a technology assistant, later serving as research support technician, instructor, and finally director of clinical exercise programs at the Centre for Community, Clinical and Applied Research Excellence. Over her 44-year career, she co-founded Hardy Hearts for cardiac rehabilitation and UW WELL-FIT for cancer survivors; programs that have supported thousands while training generations of students. Russell retired in 2024, marking one of the longest tenures in departmental history.

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## ELAINE LILLIE

MBA, MA, BEd

Faculty of Science

FRIDAY, OCTOBER 24 / EVENING CEREMONY



Elaine Lillie has been an integral member of the School of Pharmacy since 2007. She began as an instructor in communications before becoming director of interprofessional education and curriculum development. Following retirement, she served as an adjunct faculty member. Lillie spearheaded the Interprofessional Educators Collaborative of Waterloo-Wellington, giving pharmacy students rich opportunities to learn alongside peers in other health professions. Her contributions were recognized with the School of Pharmacy's Excellence in Teaching Award and the Association of Faculties of Pharmacy of Canada's National Award for Excellence in Education. Significantly, Lillie worked closely with Indigenous leaders and advisors, integrating Indigenous perspectives into classrooms and admissions pathways, leaving a legacy across Canadian pharmacy education.

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## MARIANNE VANDERGRIENDT

BSc ('80)

Faculty of Science

FRIDAY, OCTOBER 24 / EVENING CEREMONY



Marianne VanderGriendt obtained her bachelor's degree from the University of Waterloo in 1980. Following graduation, she joined the Department of Earth and Environmental Sciences where she remained until retiring in August 2024 as senior research technician. VanderGriendt played key roles in the implementation of major research initiatives at Waterloo, including the Canada Excellence Research Chair in Ecohydrology and the Global Water Futures program. From 2011 to 2024 alone, she worked with more than 200 students and postdoctoral fellows who not only availed themselves of her exceptional technical expertise but also relied on her compassionate moral and material support.

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## E. PAUL PENNER

Business Certificate, BA ('83)

Faculty of Arts

SATURDAY, OCTOBER 25 / MORNING CEREMONY



E. Paul Penner, a pillar of the Conrad Grebel University College and the University of Waterloo community, retired in 2024 after 36 years of service. As director of operations at Grebel, Penner oversaw staff, operations and buildings with a mission of hospitality, service and community-building. He led four major building projects, championed sustainability initiatives, supported staff and served on key University of Waterloo committees as a seasoned administrator. Known for involving and collaborating with student leaders in his work in operations, Penner mentored leaders and built lasting relationships with alumni. He has impacted generations of students through his leadership, friendship, stewardship and community spirit.

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## MAUREEN JONES

BA ('83)

Faculty of Arts

SATURDAY, OCTOBER 25 / MORNING CEREMONY



Maureen Jones joined the University of Waterloo in 1978 as an undergraduate student in English. Jones began working in the Registrar's Office at University of Waterloo in 1981. She then provided leadership to Continuing Education from 1989 to 2005 before returning to the Registrar's Office in 2005 as assistant registrar for the faculties of Mathematics and Applied Health Sciences (now Health). In 2008, she became director, Student Awards and Financial Aid, and served as interim university registrar in 2017. She remained in the Registrar's Office until her retirement in 2024.

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## MATTHEW M. ERICKSON

BA ('87)

Faculty of Engineering

SATURDAY, OCTOBER 25 / AFTERNOON CEREMONY



Matthew Erickson's career at the University of Waterloo spans more than four decades of leadership, advocacy and care for the campus community. After earning a Bachelor of Arts in Psychology in 1987, he returned to Waterloo to serve as ombudsperson and later as staff relations co-ordinator in Human Resources. His most enduring contribution came as the founding director of the Conflict Management and Human Rights Office, where he established a trusted place for dialogue and resolution. Erickson retired in 2024, leaving behind a legacy of inclusivity, fairness and respect across the University.

# Guest speaker



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## DENISE KREUTZWISER

*BScH, BScPhm ('11), PharmD ('18), ACPR*

Faculty of Science

FRIDAY, OCTOBER 24 / EVENING CEREMONY

Dr. Denise Kreutzwiser is a member of the University of Waterloo School of Pharmacy's vanguard class, graduating in 2011. She earned her Honours Bachelor of Science in Pharmacy and Doctor of Pharmacy degrees from the University of Waterloo and holds an Honours Bachelor of Science degree from Queen's University. She completed both year-one general hospital and year-two HIV specialty pharmacy residency programs. Kreutzwiser is the outpatient pain management program pharmacist at St. Joseph's Hospital in London, Ontario. She is also the St. Joseph's pharmacy residency program co-ordinator. She is passionate about hands-on learning in the workplace and supporting the next generation of pharmacists.

# Valedictorians

**Maliha Ahmed**

Faculty of Mathematics

FRIDAY, OCTOBER 24 / MORNING CEREMONY

**Kelly McManus**

Faculty of Health

FRIDAY, OCTOBER 24 / AFTERNOON CEREMONY

**Alexandra Sinik**

Faculty of Science

FRIDAY, OCTOBER 24 / EVENING CEREMONY

**Alexandrine Marie Gabriel**

Faculty of Arts

SATURDAY, OCTOBER 25 / MORNING CEREMONY

**Andrea Chakma**

Faculty of Engineering

SATURDAY, OCTOBER 25 / AFTERNOON CEREMONY



# MORNING CEREMONY

Degrees and diplomas from:  
**UNIVERSITY OF WATERLOO**  
**FACULTY OF MATHEMATICS**

# Graduate degrees

## FACULTY OF MATHEMATICS

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### DOCTOR OF PHILOSOPHY

**Ahmed, Maliha** (Applied Mathematics)  
“Multi-Scale Modelling of Neurosteroid-Mediated Seizure Trajectories in Childhood Absence Epilepsy”

**Alquraan, Ahmed Mohammad** (Computer Science)  
“Leveraging Emerging Data Center Technologies to Build High-Performance Data Stores”

**Arabzadehghahyazi, Negar** (Computer Science)  
“Evaluation of Information Access Systems in the Generative Era”

**Aydogdu, Yusuf** (Applied Mathematics)  
“Reduced-Order Modeling and Data Assimilation of the El Niño-Southern Oscillation”

**Bin Hannan, Nabil** (Computer Science)  
“Using a Capability Sensitive Design Approach to Support Newcomers Well-Being”

**Chen, Jingbang** (Computer Science)  
“Algorithmic Tools for Network Analysis”

**Choy, Sharon Hui Lun** (Computer Science)  
“Adaptive Live Streaming Strategies for Multi-Homed Environments”

**Das, Sourabhashis** (Pure Mathematics)  
“On the Distributions of Prime Divisor Counting Functions”

**Dehghanizadeh, Amirhossein** (Applied Mathematics)  
“Cosmic Frontiers: From the Origins to Gravitational Wave Astronomy”

**Elliott, Jesse Allister Kasian** (Computer Science)  
“On the Complexity of Feasibility, Connectivity, and  $\mathbb{Z}^2$ -isogeny Computation”

**Ferreira Pinto Junior, Renato** (Computer Science)  
“Analytic Property Testing: Directed Isoperimetry and Monotonicity”

**Gaurav, Ashish** (Computer Science)  
“Techniques to Learn Constraints From Demonstrations”

**Goldberg, Adina Rebecca** (Pure Mathematics)  
“Synchronous and Quantum Games: Graphical and Algebraic Methods”

**Harris, Robert** (Pure Mathematics)  
“Exotic Constructions on Covers Branched Over Hyperplane Arrangements”

**He, Shiyu** (Statistics)  
“Spatial-Temporal Methods for Applications in Biological and Environmental Studies”

**Hu, Dingding** (Statistics)  
“Statistical Inference in ROC Curve Analysis”

**Huang, Chengjie** (Computer Science)  
“LiDAR-Based 3D Perception From Multi-Frame Point Clouds for Autonomous Driving”

**King, Nathan David** (Computer Science)  
“Closest Point Geometry Processing: Extensions and Applications of the Closest Point Method for Geometric Problems in Computer Graphics”

**Kitt, Nicole Anne Marie** (Pure Mathematics)  
“Characterizing Cofree Representations of  $SL_n \times SL_m$ ”

**Kroell, Larissa** (Pure Mathematics)  
“Partial  $C^*$ -Dynamical Systems and the Ideal Structure of Partial Reduced Crossed Products”

**Lai, Kwan Tsaan** (Applied Mathematics)  
“Kinetic Energy Spectra, Backscatter, and Subgrid Parameterization Analysis in Radiative-Convective Equilibrium”

**Lakier, Matthew** (Computer Science)  
“Paidian Playful Interaction in Non-Game User Interfaces”

**Li, Dongchang** (Applied Mathematics)  
“Quickest Change Detection in Nonlinear Hidden Markov Models Using a Generalized CUSUM Procedure”

**Li, Xintong** (Actuarial Science and Quantitative Finance)  
“Resilient Machine Learning Approaches for Fast Risk Evaluation and Management in Financial Portfolios and Variable Annuities”

**Liang, Wei** (Statistics)  
“Causal Inference in the Presence of Heterogeneous Treatment Effects”

**Lu, Yiwei** (Computer Science)  
“Trustworthy Machine Learning With Data in the Wild”

**Ma, Zheng** (Computer Science)  
“Advancing Proteomic Analyses With Graph-Based Deep Learning: Protein Inference and DIA De Novo Peptide Sequencing”

**Malekmohammadi, Saber** (Computer Science)  
“Fast, Private and Fair Federated Learning”

**Mastel, Kieran John** (Pure Mathematics - Quantum Information)  
“The Complexity of Constraint System Games With Entanglement”

**Polo Gomez, Jose** (Applied Mathematics - Quantum Information)  
“Measurements of Quantum Fields With Particle Detectors”

**Reynes, Josephine Elizabeth Anne** (Combinatorics and Optimization)  
“Extensions of the Tutte Polynomial and Results on the Interlace Polynomial”

**Shah, Vihan Jitesh** (Computer Science)  
“Optimal Graph Streaming Algorithms and Further Advances in Modern Models of Computation”

**Shi, Benxuan** (Actuarial Science and Quantitative Finance)  
“Risk Sharing in Monopolistic Insurance Markets: Hidden Types and Bowley-Optimal Pricing”

**Shi, Ziyue** (Actuarial Science and Quantitative Finance)  
“Insurance Pricing, and Optimal Strategy Design Under Distributional Model Uncertainty”

**Stadt, Melissa Maria** (Applied Mathematics)  
“Mathematical Modeling of Whole-Body Electrolyte Homeostasis”

**Teixido-Bonfill, Adam** (Applied Mathematics - Quantum Information)  
“Harvesting Entanglement From Quantum Fields: From Theory to Proposed Superconducting Implementations”

**Totani, Yash** (Pure Mathematics)  
“Quadratic Forms Over Global Fields”

**VanBerlo, Blake Paul Allen** (Computer Science)  
“Improving Automated Lung Ultrasound Interpretation With Self-Supervised Learning”

**Weeraddana, Nimmi Rashinika** (Computer Science)

“Tacit Inefficiencies and Barriers in Continuous Integration”

**Wu, Mo Han** (Statistics)

“Probabilistic Methods of Parameter Inference for Differential Equations”

**Xu, Mingwei** (Statistics)

“Bayesian Integral-Based Methods for Differential Equation Models”

**Zhang, Mengxiao** (Computer Science)

“Program Reduction: Versatility, Insights, and Efficacy”

**Zhao, Yimiao** (Actuarial Science and Quantitative Finance)

“Assessment, Mitigation, and Backtesting of Extreme Risks in Insurance Finance”

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## MASTER OF ACTUARIAL SCIENCE

Chege, Martin Kuria

Didiodato, John

He, Qiongying

Li, Dingyi

Lin, Mingyan

Liu, Qitong

Ma, Hong Yiu

Mahajan, Mridul

Olabisi, Fuad Omogbolahan

Tao, Suxin

Torkornoo, Elikem Abia

Wu, Huihui

Wu, Wenxuan

Xia, Tian

Zhu, Fuhui

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## MASTER OF DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

Hou, Ruihai

Kholodov, Artem

**Ma, Zhen Yang** (Co-operative Program)

**Xu, Rui** (Co-operative Program)

**Zhang, Chuan Ye** (Co-operative Program)

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## MASTER OF MATHEMATICS

**Adamson, Jacqueline** (Pure Mathematics)

**Aghakishiyev, Mehdi** (Computer Science)

**Ahmed, Haseeb** (Computer Science)

**Allen, Nicholas Daniel** (Computer Science)

**Avksientieva, Anastasiia** (Data Science)

**Bara, Alexandru** (Computer Science)

**Baraskar, Omkar Bhalchandra** (Computer Science)

**Blair, Carter Grayson Roy** (Computer Science)

**Boulis, Joseph Hany Magdy Massoud** (Computer Science)

**Bourla, Gabriela Marsel** (Combinatorics and Optimization)

**Boyle, Aidan Leonard** (Pure Mathematics)

**Camano, Facundo** (Pure Mathematics)

**Cao, Yiliu** (Statistics)

**Chandra, Abhranil** (Computer Science)

**Chen, Mark** (Statistics)

**Chen, Taoyue** (Statistics)

**Cheng, Zhiyang** (Actuarial Science)

**Contreras Lemus, Lorena Alejandra** (Applied Mathematics)

**Danny-Maharaj, Vinayak Aryan** (Actuarial Science)

**Dineen, Kain Alexander Christian** (Pure Mathematics)

**Ding, Yixin** (Statistics)

**Dyrenkova, Emiliia** (Computer Science – Quantum Information)

**Ebresafe, Oghenevwogaga Joshua** (Computer Science)

**Faheem, Haseeb-Ur-Rehman** (Computer Science)

**Fordjour, Isaac** (Biostatistics)

**Frizzell, Julius Michael Kennedy** (Pure Mathematics)

**Fu, Yirun** (Applied Mathematics)

**Fus, Justin Ara** (Pure Mathematics)

**Getachew, Estifanos Sisay** (Computer Science)

**Gokhale, Prashant Abhijit** (Computer Science)

**Hadar, Ophir** (Pure Mathematics)

**Hansen, Asbjorn Matthias Gunnar** (Applied Mathematics)

**Hu, Rong** (Pure Mathematics)

**Jelinsky, Adam Saul** (Pure Mathematics)

**Jia, Xiaoyu** (Pure Mathematics)

**Jin, Jialu** (Statistics)

**Jovasevic, Petar** (Pure Mathematics)

**Kamali, Sina** (Computer Science)

**Kazachek, Alexander** (Applied Mathematics – Quantum Information)

**Kislenko, Olena** (Data Science)

**Leclair, Jessica Lauren** (Biostatistics)

**Lee, Seo Hyun** (Pure Mathematics)

**Leger, Zachary Charles Joseph** (Computer Science)

**Li, Guoqian** (Biostatistics)

**Li, Jiayi** (Statistics)

**Li, Yunong** (Pure Mathematics)

**Lin, Junhao** (Computer Science – Co-operative Program)

**Lin, Ruihan** (Statistics)

**Lin, Ziye** (Biostatistics)

**Lopez Cortes, Xamy Johanna** (Statistics)

**Ma, Kaiyue Kaur** (Statistics)

**Manoj, Megha Susan** (Applied Mathematics – Co-operative Program)

**Naguib, Andrew** (Combinatorics and Optimization)

**Oh, Da-Eun** (Statistics)

**Pitassi, Miles Harley Zemel** (Computer Science)

**Plamondon, Thomas** (Pure Mathematics)

**Qiao, Sky** (Computer Science – Co-operative Program)

**Rajendram, Angelo Arvind** (Computational Mathematics)

**Ruza, Tiadora Valentina** (Combinatorics and Optimization)

**Santana, Daniel Velloso** (Computer Science)

**Shaban, Kimia** (Combinatorics and Optimization)

**Shafiei, Mohammadamin** (Computer Science – Co-operative Program)

**Sharma, Ansh** (Computer Science)

**Shen, Yang** (Actuarial Science)

**Slavitch, Noah Michael Rathjen** (Pure Mathematics)

**Song, Christopher Cunzhi** (Applied Mathematics)

**Soni, Achint Sanketkumar** (Computer Science)

**Tang, Sean** (Computational Mathematics)

**Tariq, Aswad** (Computer Science)

**Tres Vilanova, Albert** (Applied Mathematics – Co-operative Program)

**Vicenzo, Massimo Henriques** (Combinatorics and Optimization)

**Wadel, Peter Chi** (Pure Mathematics)

**Wang, Zitao** (Computer Science)

**Wong, Andrew** (Statistics)

**Wu, Liang** (Statistics)

**Xu, Wenning** (Statistics)

**Xu, Xinlei** (Statistics)

**Yu, Fangren** (Computer Science)

**Zhang, Pingchu** (Actuarial Science)  
**Zhang, Yuanhong** (Computer Science)  
**Zhang, Yunqi** (Actuarial Science)  
**Zhang, Zehao** (Actuarial Science)  
**Zhang, Zibo** (Computer Science)  
**Zhu, Yiran** (Biostatistics)

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**MASTER OF MATHEMATICS  
FOR TEACHERS**

Bellè, James Francis Joseph  
Connolly, Sandra Elizabeth  
Dale, Julie Elizabeth  
Daniels, MacKenzie  
Dawe, Kelsey Nicole  
Dionne, Jennifer Marie Marilyn  
Donahoe, Megan  
Dunham, Caitlin June  
Fei, Emily Yong-En  
Forti, Andrew Pasquale  
Gao, Wenchu  
Gingerich, Carolyn Louise  
Heney, Ryan  
Hodder, Brittany Anne  
James, Daniella Mary  
Jones, Jennifer Danelle  
Kumar, Veena  
Lawson, Sophie  
Linehan, Stephanie Anne  
MacTavish, Matthew  
McBain, Jennifer Charron  
Messier, Jason  
Ranger, Andrew Robert  
Shen, Keting  
Smith, Kaitlin Quinn  
Thuray, Rajan Gopalapillai  
Tjostheim, Kristen Nicole  
Vavilala, Bhamati  
Whitbread, Rorik Jim  
Yu, Raymond

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**MASTER OF QUANTITATIVE FINANCE**  
Jia, Vincent



# Undergraduate degrees

## FACULTY OF MATHEMATICS

### BACHELOR OF COMPUTER SCIENCE

#### HONOURS PROGRAM

**Ahmad, Irfa** (Philosophy Minor)

**Asgharian Rezaee, Arvin**

**Dai, Kevin** (Digital Hardware Specialization) \*

**Dong, Helen** (Combinatorics and Optimization Minor – Computational Mathematics Minor) †

**Ehgoetz, Tyler James** (Business Administration and Computer Science – Artificial Intelligence Specialization) \*

**Elserwi, Omar Ahmed Ismail Khedr** (Business Administration and Computer Science – Software Engineering Specialization)

**Gagnon, Jonathan Joseph** (Business Administration and Computer Science)

**Gandhi, Vansh**

**Garg, Vivan** \*

**Ghatti, Sreekanth Venkata** (Business Administration and Computer Science)

**Gorbachev, Sabina Ester** (Business Administration and Computer Science) \*

**Hamilton, Nathan Wing Chi** †

**Hirdea, Andrei** (Business Administration and Computer Science)

**Hirschfeld, Kyle James** (Business Administration and Computer Science) †

**Hu, Yingxuan** (Business Administration and Computer Science)

**Hui, Kenson Wing Tsai** (Business Administration and Computer Science) \*

**Jiang, Nicholas Wu** \*

**Le, Viet Thanh** †

**Li, Feiyang** (Business Administration and Computer Science) \*

**Li, Ziqiao** (Combinatorics and Optimization Minor) \*

**Liu, Andy Xiao** (Business Specialization) †

**Nadar, Ashna**

**Neish, Oliver Cameron** (Business Administration and Computer Science) \*

**Oravec, Caleb** (Business Administration and Computer Science) \*

**Patel, Dhrumil** †

**Peng, Bonnie** \*

**Qing, Hao Nan**

**Qiu, Zhengyang** (Business Administration and Computer Science) \*

**Shahid, Muhammad Abdullah**

**Siddiqui, Annan Nouman**

**Sivakumar, Sarvesh Kumar** \*

**Song, Younghyun**

**Tang, Carissa Ka-Yiu** †

**Toor, Shaan Singh** (Business Administration and Computer Science) \*

**Wang, Si Man**

**Wang, Timothy Junying** †

**Wilson, Sarah** \*

**Xi, Yuwei**

**Xie, Ziyang** (Combinatorics and Optimization Minor) †

**Yu, Zheng Qing** (Joint Computer Science – Joint Honours Combinatorics and Optimization)

**Zhan, Tianyi** (Business Administration and Computer Science – Artificial Intelligence Specialization) †

**Zhao, Jialiang**

#### HONOURS CO-OPERATIVE PROGRAM

**Abdul Vaheed, Raihan**

**Abdulhamid, Adam** \*

**Adatia, Shayn Aadam** †

**Agarwal, Dhruv**

**Ah Yong, James Anthony** (Business Administration and Computer Science) †

**Antia, Navroze** \*

**Arora, Aryaman** (Business Specialization)

**Awasthi, Anika** \*

**Bartman, Daniel Tomislav** \*

**Berg, Georgia Gloria** (Joint Computer Science – Joint Honours English Literature) \*

**Caiata, Joshua** (Business Administration and Computer Science) \*

**Cao, Honglin** †

**Cares, Emile Sylvain**

**Chadha, Anhad**

**Chai, Leo** (Business Administration and Computer Science) \*

**Chaudhary, Arshvir**

**Chen, Arthur** (Business Administration and Computer Science) †

**Chen, Kailey** (Business Administration and Computer Science) †

**Chin, Bonnie** (Psychology Minor) \*

**Dehal, Jagvir Singh** (Combinatorics and Optimization Minor)

**Diep, Justin** †

**Dutta, Anirban** (Software Engineering Specialization – Computational Mathematics Minor – Combinatorics and Optimization Minor)

**Fang, Wenyu** (Combinatorics and Optimization Minor)

**Feng, Grace** (Human-Computer Interaction Specialization) \*

**Girish Kumar, Vipul** (Business Administration and Computer Science)

**Goldrin, Jessica Diana**

**Gu, Xin Di** (Business Administration and Computer Science) †

**Gupta, Sanjay** (Artificial Intelligence Specialization) \*

**Hasan, Oroni** (Human-Computer Interaction Specialization – Psychology Minor)

**Hong, Mai** \*

**Hu, Jerry Yao** (Business Administration and Computer Science)

**Hua, Richard** \*

**Huh, Sean Elian** (Data Science) †

**Hung, Derek**

**Hussain, Ayaan** (Business Administration and Computer Science)

\* – Distinction

† – Dean's Honours

<b>Jain, Aarushi</b>	<b>Moroie, Gregory Matthew</b>	<b>Tian, Daniel</b>
<b>Jayaram, Ria Ravi</b> (Business Administration and Computer Science – Psychology Minor)	<b>Movsisyan, David</b> (Business Administration and Computer Science)	<b>Tran, Le Nguyen</b> †
<b>Jiao, Matthew</b> *	<b>Mureşanu, Andrei Ioan</b>	<b>Treap, James Robert</b> *
<b>Johnson, Joshua</b> *	<b>Na, Yuri</b>	<b>Walker, Jonah Lucas</b>
<b>Kelcher, Benjamin Douglas</b> (Psychology Minor) †	<b>Naumann, Blake William</b> †	<b>Wang, Alexandra</b> *
<b>Kelly, Jason Michael</b> (Business Administration and Computer Science) *	<b>Ngo, Julie</b> (Business Administration and Computer Science) *	<b>Wang, Anna Jia</b> *
<b>Khan, Mahad Ali</b> †	<b>Nguyen, Duc Huu</b> †	<b>Wang, Kevin</b> (Business Administration and Computer Science) *
<b>Khurana, Guransh Singh</b>	<b>Olesen, Henry Rueb</b> *	<b>Wang, Michelle</b> *
<b>Kim, Minjae</b> (Human-Computer Interaction Specialization)	<b>Ozkan, Vedat Kemal</b> (Music Minor)	<b>Wang, Tiffany</b> (Business Administration and Computer Science)
<b>Kononyuk, Katherine Yuriyevna</b> (Human-Computer Interaction Specialization)	<b>Pabla, Jaskirat</b> (Software Engineering Specialization – Economics Minor) *	<b>Wang, Yanni</b> *
<b>Kourlas, William Paul Joseph</b> (Business Administration and Computer Science) †	<b>Park, Sangyoon</b> *	<b>Wang, Yifei</b> (Artificial Intelligence Specialization – Statistics Minor) †
<b>Kuang, Yi</b> *	<b>Patel, Nandish Rakesh</b> (Entrepreneurship Minor)	<b>Wang, Zhiyuan</b> †
<b>Kulkarni, Saniya</b> (Business Administration and Computer Science) *	<b>Peng, Dennis Ruheng</b> (Business Administration and Computer Science) †	<b>Wieszczek, Michael Stan</b> (Business Administration and Computer Science) *
<b>Lay, Albert Johansen</b> †	<b>Qiu, Cecilia Ariel Zi Ling</b>	<b>Wilson, Emily Allen</b>
<b>Le, Tu Xuan Hao</b>	<b>Rabee, Muhammad</b> †	<b>Wong, Tabitha Lok Yin</b> (Business Administration and Computer Science)
<b>Lee, Andrew</b>	<b>Ragulan, Tharun</b>	<b>Wu, Sirui</b> (Human-Computer Interaction Specialization – Combinatorics and Optimization Minor) †
<b>Lee, Nicholas Chung-Yin</b> (Business Administration and Computer Science – Software Engineering Specialization) *	<b>Ravindran, Rohan</b>	<b>Wu, Zichu</b> (Data Science) †
<b>Li, Grace Yuwei</b> *	<b>Roman, Nicholas Christian</b> (Business Administration and Computer Science) *	<b>Xing, Yushu</b>
<b>Li, Ruitong</b> (Artificial Intelligence Specialization) *	<b>Sebastiampillai, Joell Praveenth</b> *	<b>Xu, Allyson</b> *
<b>Li, William Hongyu</b> (Combinatorics and Optimization Minor)	<b>Sehgal, Amritpreet Singh</b> *	<b>Xu, Gavin Jiahui</b> (Business Administration and Computer Science)
<b>Li, Zhi Yi</b> *	<b>Sekirin, Matthew</b> *	<b>Xue, Jonathan</b>
<b>Liao, Disen</b> (Statistics Minor) †	<b>Selvaraj, Ashish</b> (Business Administration and Computer Science) †	<b>Yang, Cheng-Han</b> *
<b>Lim Ah Tock, Mary Layne</b>	<b>Shah, Ayush Miten</b> (Business Administration and Computer Science)	<b>Yin, Ming Ju</b> *
<b>Liu, David</b>	<b>Shah, Neel</b> (Business Administration and Computer Science)	<b>Yogalingam, Vaaranan</b> (Digital Hardware Specialization – Artificial Intelligence Specialization)
<b>Lu, Yixin</b> †	<b>Shahid, Muhammad Raffay</b> (Business Administration and Computer Science) *	<b>Yoon, Kwan</b> †
<b>Luthra, Rishad</b> (Economics Minor)	<b>Shienh, Mehar Singh</b>	<b>Yu, Young</b> †
<b>Ma, Teng</b>	<b>Singh, Mahip</b> †	<b>Yusuff, Hamza Bin</b>
<b>Machfj, Mohamad Zaki</b>	<b>Singh, Prabhnoor</b>	<b>Zeng, Qiu Yu</b>
<b>Mao, Angela</b> (Human-Computer Interaction Specialization) †	<b>Sinha, Grant Michael</b> (Joint Computer Science – Joint Honours Combinatorics and Optimization)	<b>Zhang, Bosen</b> †
<b>Mehrotra, Nandini</b> (Human-Computer Interaction Specialization)	<b>Suan, Kristian Dylex Monato</b>	<b>Zhang, Brian</b>
<b>Melnyk, Mykhaylo</b> (Artificial Intelligence Specialization – Combinatorics and Optimization Minor – Computational Mathematics Minor – Management Studies Minor) †	<b>Sun, Aleck Bowen</b> †	<b>Zhang, Jennifer</b> (Business Administration and Computer Science) *
<b>Mityushkin, Michael Nicholas</b> (Business Administration and Computer Science) *	<b>Sunesara, Riyan Kamruddin</b> (Software Engineering Specialization) *	<b>Zhang, Richard Ruijun</b> †
	<b>Tadepalli, Saikrishna</b> *	<b>Zheng, Yi Xuan</b> (Business Administration and Computer Science) *
	<b>Talreja, Gaurav</b>	<b>Zhou, Jin Huan</b> *
	<b>Talwandi, Armeen Kaur</b> (Business Administration and Computer Science) *	<b>Zhou, Junhe</b> †
		<b>Zhu, Jennifer Li</b> (Psychology Minor) *

\* – Distinction  
† – Dean's Honours

## BACHELOR OF MATHEMATICS

### GENERAL PROGRAM – THREE YEAR

Albee, Colton Dane  
Beamer, Matthew Johnathan  
Chen, Kewen  
Ducharme, William Joseph Lancaster  
Huang, Ziheng  
Jiang, Hanyu  
Jiang, Yunlong  
Jin, Yiyang  
Liang, Jin Hui  
Liu, Yixin  
Nasar, Syed Farzaan Danyal  
Nester, Robert Patrick \*  
Notebaert, Jeremie  
Raza, Muhammad Asad  
Sabharwal, Yashita  
Wu, Mengying  
Zan, Chao  
Zhu, Victor Fenghua \*

### GENERAL CO-OPERATIVE PROGRAM – THREE YEAR

Memis, Caglar  
Xu, Xing  
Yi, Wenbo

### HONOURS PROGRAM

**Azam, Sinead Kathleen**  
(Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

**Bicol, Jacob Inar** (Statistics – Combinatorics and Optimization Minor)

**CAI, XINYI** (Statistics – Combinatorics and Optimization Minor)

**Cao, Yu** (Statistics)

**Carreno-Molina, Nestor Abraham**  
(Business Administration and Mathematics – Statistics Minor) \*

**Cavallin, Anthony Cristian**  
(Mathematical Studies)

**Chang, Yi** (Statistics – Pure Mathematics Minor) †

**Chen, Enle** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Statistics Minor)

**Chen, Meiting** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization) \*

**Chen, Mengmeng** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Statistics Minor) \*

**Chen, Zhige** (Data Science) \*

**Chen, Zhixuan** (Pure Mathematics – Honours Combinatorics and Optimization) †

**D’Costa, Nathan Vincent** (Business Administration and Mathematics – Computing Minor)

**Desai, Preet Balvantkumar**  
(Business Administration and Mathematics – Statistics Minor)

**Ding, Yiming** (Business Administration and Mathematics – Honours Statistics)

**Dong, Yiran** (Mathematics/Business Administration – Statistics Minor) \*

**Fan, Yixin** (Business Administration and Mathematics – Statistics Minor)

**Fauteux, Jessica Chantal** (Business Administration and Mathematics)

**Flores, Inês Da Silva** (Biostatistics) \*

**Foda, Umme-Ayman Azam**  
(Mathematics/Business Administration – Computing Minor)

**Gong, Zhiming** (Computational Mathematics – Combinatorics and Optimization Minor)

**Gunja, Lukas** (Business Administration and Mathematics)

**Han, Sung Min** (Mathematical Studies – Statistics Minor – Computer Science Minor)

**He, Aaron Houjin** (Combinatorics and Optimization – Honours Pure Mathematics) †

**He, Jiahuan** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization) †

**He, Yunda** (Statistics)

**Hou, Yunhao** (Information Technology Management – Honours Statistics)

**Hu, Jinzhi** (Computational Mathematics – Combinatorics and Optimization Minor – Economics Minor) †

**Huang, Heming** (Pure Mathematics) †

**Huang, Jinrong** (Statistics)

**Huang, Yuxuan** (Biostatistics – Computing Minor)

**Jones, Sophia Colleen** (Business Administration and Mathematics)

**Joshi, Aditya Subodh** (Mathematical Studies)

**Kan, Wenlu** (Statistics – Computing Minor)

**Khan, Abdul Muhaiman**  
(Mathematical Finance – Honours Statistics – Computing Minor)

**Khan, Muhammad Bilal** (Statistics – Computational Mathematics Minor) \*

**Khan, Surur** (Mathematical Studies – Computing Minor) \*

**Kim, Minsu** (Mathematical Studies – Computing Minor)

**Kontaria, Brillian Matthew** (Actuarial Science)

**Laevens, Benjamin** (Statistics) †

**Lai, Jessie** (Business Administration and Mathematics – Honours Statistics)

**Lalman, Alex Joshua** (Mathematical Studies – Computing Minor)

**Lee, Jeongchan** (Computational Mathematics – Honours Mathematical Optimization – Operations Research Specialization)

**Leung, Parky Park-Hin**  
(Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Honours Statistics) \*

**Li, Iris Hung** (Business Administration and Mathematics – Statistics Minor – Computing Minor) \*

**Liao, Yingjian** (Business Administration and Mathematics – Honours Mathematical Finance)

**Liu, Haochen** (Mathematical Studies)

**Lu, Chaoyi** (Mathematical Studies – Business Specialization)

**Lu, Ming Rui** (Applied Mathematics – Pure Mathematics Minor)

**Luo, Ruiqian** (Mathematical Finance – Statistics Minor) \*

**Manavadaria, Yug** (Mathematics/Business Administration – Computing Minor)

**Martin, Nathaniel T.** (Business Administration and Mathematics – Statistics Minor – Actuarial Science Minor) †

**Martin, Olivia Catherine** (Business Administration and Mathematics – Computing Minor) \*

**Mateen, Syed Saad** (Mathematical Studies – Computing Minor)

**Meng, Boxuan** (Combinatorics and Optimization – Honours Applied Mathematics – Physics Specialization)

**Meng, Hao Wei** (Pure Mathematics) †

**Miller, Ryan Christopher** (Business Administration and Mathematics) \*

**Nagy, Alexander Stefan** (Business Administration and Mathematics – Combinatorics and Optimization Minor)

**Oh, Seungyeon** (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

**Ou, Meng** (Statistics – Computing Minor)

\* – Distinction

† – Dean’s Honours

**Paluskar, Aditya** (Business Administration and Mathematics – Statistics Minor)

**Peng, Haomin** (Business Administration and Mathematics – Statistics Minor)

**Peng, Yu** (Computational Mathematics – Combinatorics and Optimization Minor)

**Pentchev, George Dimitrov** (Statistics – Pure Mathematics Minor)

**Punitharajah, Neevatha** (Business Administration and Mathematics – Computing Minor)

**Selvapaskaran, Jananaen** (Computational Mathematics)

**Shamov, Evan** (Pure Mathematics – Honours Statistics) †

**Shan, Yizhou** (Mathematical Studies – Business Specialization)

**Shen, Ao** (Applied Mathematics with Scientific Computing – Computing Minor)

**Si, Winton** (Mathematical Studies)

**Slutsky, Benjamin Aaron** (Business Administration and Mathematics) \*

**So, Luke Daniel** (Business Administration and Mathematics – Computing Minor)

**Tao, Ruibo** (Computational Mathematics)

**Tran, Huong Ly** (Mathematics/ Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

**Tupheld, Jessica** (Business Administration and Mathematics – Joint Honours Actuarial Science) \*

**Tzoganakis, Ioannis Constantine** (Combinatorics and Optimization – Cognitive Science Minor)

**Wang, Qianqian** (Mathematics/ Financial Analysis & Risk Management-Professional Risk Management Specialization – Honours Statistics)

**Wang, Yishuo** (Computational Mathematics – Applied Mathematics Minor – Statistics Minor)

**Wang, Yuchen** (Mathematics/ Financial Analysis & Risk Management-Professional Risk Management Specialization) \*

**Wei, Yujian** (Computational Mathematics – Honours Statistics)

**Wilton, Thea Claire** (Business Administration and Mathematics – Computing Minor) \*

**Wu, Nan** (Statistics – Fine Arts Studio Minor)

**Xiao, Tiange** (Statistics)

**Xue, Yi** (Business Administration and Mathematics) \*

**Yan, Kenny** (Mathematical Studies)

**Yang, Junchi** (Pure Mathematics – Joint Honours Combinatorics and Optimization) \*

**Yang, Saejun** (Combinatorics and Optimization)

**Yang, Yung-Chi** (Business Administration and Mathematics – Computing Minor)

**Yin, Peng Xiang** (Actuarial Science – Joint Honours Statistics) \*

**Yuan, Yuan** (Applied Mathematics with Scientific Computing) \*

**Zeng, Leyan** (Statistics – Honours Computational Mathematics)

**Zhan, Hetian** (Mathematics/ Financial Analysis & Risk Management-Professional Risk Management Specialization)

**Zhang, Fei** (Computational Mathematics – Honours Mathematical Optimization – Operations Research Specialization) \*

**Zhang, Jiahui** (Actuarial Science – Honours Statistics) †

**Zhang, Suya** (Statistics)

**Zhang, Tian Jiao** (Mathematical Studies – Computing Minor)

**Zhang, Yingxin** (Statistics) †

**Zhang, Yuan** (Mathematical Studies)

**Zhang, Zhen** (Combinatorics and Optimization – Joint Honours Pure Mathematics) \*

**Zhang, Zhibo** (Statistics)

**Zhao, Wenkai** (Applied Mathematics)

**Zhong, Shutong** (Mathematics/ Business Administration)

**Zhou, Yi** (Mathematical Studies)

**Zhu, Haoming** (Mathematical Studies – Business Specialization)

**Zhu, Mengya** (Mathematics/ Financial Analysis & Risk Management-Professional Risk Management Specialization)

**Zubair, Abdullah** (Pure Mathematics)

## HONOURS CO-OPERATIVE PROGRAM

**Arazyan, Alexander Vahan** (Business Administration and Mathematics) \*

**Bajaj, Priyanka Amit** (Computational Mathematics)

**Bandali, Sahir** (Business Administration and Mathematics – Computing Minor)

**Batdelger, Purev** (Joint Pure Mathematics – Joint Honours Statistics)

**Batra, Torrin** (Mathematics/Business Administration – Computing Minor) \*

**Binda, Anthony Paul** (Statistics – Joint Honours Pure Mathematics)

**Boodram, Sienna Jae** (Combinatorics and Optimization – Pure Mathematics Minor – Fine Arts Studio Minor)

**Cai, James** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization)

**Cai, Jason Stone** (Statistics – Honours Actuarial Science)

**Cai, Xiaoyu** (Computer Science – Joint Honours Combinatorics and Optimization – Statistics Minor) \*

**Chang, Yue** (Statistics) \*

**Chard, Evan Michael** (Joint Pure Mathematics – Joint Honours Statistics – Joint Honours Combinatorics and Optimization)

**Cheema, Sahib** (Mathematics/ Business Administration) \*

**Chen, Dongdong** (Mathematics/ Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) \*

**Chen, Fangxin** (Computational Mathematics – Honours Statistics)

**Chen, Sitong** (Mathematical Optimization – Operations Research Specialization – Statistics Minor – Economics Minor)

**Chen, Yichi** (Business Administration and Mathematics) \*

**Chen, Yuyan** (Actuarial Science – Honours Statistics) †

**Chen, Zhuo** (Mathematical Studies – Business Specialization – Computing Minor)

**Chen, Zizhi** (Business Administration and Mathematics – Statistics Minor) \*

**Chennabathni, Keerthi Kiran** (Statistics – Computing Minor)

**Chew, Luke Joon-Wei** (Mathematical Studies – Combinatorics and Optimization Minor – Statistics Minor – Music Minor) \*

**Choi, Philip Hanmin** (Computational Mathematics – Computing Minor)

**Chung, Michael** (Mathematical Studies – Computing Minor – Music Minor)

**Clare, Thomas Reid** (Mathematical Studies – Business Specialization – Computing Minor)

\* – Distinction  
† – Dean's Honours

**Cui, Can** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Honours Statistics)

**Cui, Kathy** (Information Technology Management)

**Daniel Koshy, Benjamin** (Statistics – Computing Minor)

**Das, Ketyusha** (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

**De Silva, Aaron Shane Anthony** (Actuarial Science – Honours Statistics – Computing Minor) \*

**Deng, Grace** (Mathematics-Chartered Professional Accountancy)

**Desroches, Jenna Rosalie Partenio** (Mathematics/Teaching – Pure Mathematics Minor) †

**Devine, Sean Christopher** (Computer Science)

**Didwania, Suhani** (Statistics – Computing Minor)

**Doad, Navjeet Singh** (Mathematical Studies – Combinatorics and Optimization Minor)

**Domingues, Christian Marc** (Business Administration and Mathematics – Honours Statistics) †

**Draper, Jeffrey Andrew** (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

**Eldridge, Adam David Lee** (Business Administration and Mathematics – Computing Minor)

**Excel, Excel** (Mathematical Studies – Business Specialization)

**Fioleau, Katelyn Janet** (Business Administration and Mathematics) \*

**Fok, Enoch James King-Lok** (Statistics – Honours Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization)

**Friesen, Leighton Robert** (Business Administration and Mathematics – Computing Minor) †

**Froese, Matteus James** (Combinatorics and Optimization – Joint Honours Pure Mathematics) †

**Georgy, Matthew Gabriel** (Applied Mathematics – Pure Mathematics Minor) \*

**Goddard, Peter William Tyrer** (Computational Mathematics – Computing Minor)

**Groves, Ajay Tiger** (Business Administration and Mathematics)

**Gu, Chun Bo** (Statistics – Computing Minor)

**Gupta, Arnav** (Mathematics/Business Administration – Computing Minor) \*

**Ha Yeung, Liao Mei Yi** (Actuarial Science – Finance Specialization) †

**He, Chen** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Honours Statistics) †

**He, Isadora Chloe** (Actuarial Science – Honours Statistics)

**Hoang, Nguyen Khoi** (Combinatorics and Optimization – Pure Mathematics Minor – Computing Minor) †

**Hockey, Michael Christopher** (Statistics – Computing Minor)

**Hong, Stella Sunhwa** (Business Administration and Mathematics – Combinatorics and Optimization Minor)

**Hussain, Ahmed** (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

**Hyeon, Jimin** (Mathematical Studies – Business Specialization – Computing Minor)

**Ji, Xiang Yu** (Statistics – Actuarial Science Minor)

**Jin, Siqi** (Data Science) †

**Jin, Xiaorui** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization)

**Jubenville, Victoria Julianna Dawn** (Actuarial Science – Honours Statistics) \*

**Kara, Rayhan** (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

**Kazmi, Zara** (Statistics – Psychology Minor)

**Khaing, Khant** (Computational Mathematics – Computing Minor) \*

**Khan, Aryan** (Business Administration and Mathematics)

**Kim, Jeong Hoon** (Mathematics/Business Administration – Statistics Minor)

**Kim, Yeongmin** (Computational Mathematics – Honours Statistics)

**Kondo, Rei** (Business Administration and Mathematics – Honours Statistics)

**Kong, Yingyou** (Computational Mathematics – Joint Honours Combinatorics and Optimization – Computer Science Minor) \*

**Kulatunga, Stephanie Erin** (Statistics – Actuarial Science Minor)

**Lam, King Chit Kris** (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization – Computing Minor)

**Lamba, Anhad Sukhvinder Singh** (Computational Mathematics)

**Lee, Yourim** (Statistics/Teaching – Computing Minor)

**Li, Chenyao** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Honours Statistics) †

**Liang Zhen, Carmen Alicia** (Statistics – Computing Minor) †

**Lin, Nicholas** (Business Administration and Mathematics – Statistics Minor – Computing Minor)

**Lin, Victoria Ziqing** (Business Administration and Mathematics – Honours Statistics) \*

**Lin, Xiaoshu** (Business Administration and Mathematics – Statistics Minor) \*

**Lisita, Victor Andrew** (Computational Mathematics – Joint Honours Statistics) \*

**Liu, Haoran** (Statistics – Computational Mathematics Minor)

**Liu, Issac Yung-Tat** (Computational Mathematics – Computing Minor – Combinatorics and Optimization Minor) \*

**Liu, Mingan Russell** (Computer Science) \*

**Liu, Qingyi** (Statistics – Honours Computational Mathematics) \*

**Loganathan, Harrishan** (Mathematical Studies – Computing Minor)

**Luc, Thanh Giang** (Mathematical Optimization – Operations Research Specialization)

**Luo, Zhi Shu** (Statistics)

**Ma, Ruoran** (Mathematical Studies – Business Specialization)

**Martalog, Nicolas Eduard** (Computational Mathematics – Computing Minor)

**Mathew, Rose** (Mathematical Economics) \*

**Mathis, Nicole Jennifer** (Business Administration and Mathematics – Statistics Minor) †

**Mazhar, Madeeha** (Combinatorics and Optimization)

**Mehta, Shailey** (Business Administration and Mathematics – Statistics Minor – Computing Minor)

\* – Distinction

† – Dean's Honours

<b>Meng, Ke</b> (Statistics – Honours Actuarial Science)	<b>SUN, Yizhou</b> (Mathematics/Business Administration)	<b>Xiao, Junhan</b> (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) *
<b>Milic, Pavle</b> (Mathematical Studies – Business Specialization)	<b>Swarup, Aditya</b> (Joint Pure Mathematics – Joint Honours Statistics – Philosophy Minor)	<b>Xie, Yi Xuan</b> (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)
<b>Minkov-Temis, Samuel</b> (Statistics)	<b>Tang, Zihan</b> (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization) †	<b>Xu, Lingxuan</b> (Business Administration and Mathematics – Statistics Minor) *
<b>Muthu, Sharujan</b> (Combinatorics and Optimization)	<b>Tee, Jack Thomas Gerald</b> (Business Administration and Mathematics – Joint Honours Statistics – Computing Minor) *	<b>Yang, Hao Ran</b> (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Combinatorics and Optimization Minor) *
<b>Ngo, Khanh Gia</b> (Mathematical Studies – Business Specialization)	<b>Thai, Dylan</b> (Mathematics/Teaching – Honours Statistics)	<b>Yin, Qingrong</b> (Actuarial Science – Honours Statistics) *
<b>Pang, Anson Ho Wai</b> (Mathematical Studies)	<b>Trivedi, Ananya</b> (Computational Mathematics)	<b>Yoo, Seungjae</b> (Data Science) *
<b>Poh, Wen Xu</b> (Mathematical Studies – Computing Minor – Economics Minor)	<b>Truong, Danny</b> (Computational Mathematics)	<b>Yu, Ivy</b> (Business Administration and Mathematics – Computing Minor) *
<b>Puri, Reva</b> (Statistics – Computing Minor)	<b>Tsang, Isaac Yee Shun</b> (Mathematics-Chartered Professional Accountancy – Finance Specialization) *	<b>Yuan, Aaron Kevin</b> (Statistics – Honours Actuarial Science) †
<b>Qureshi, Jaasir Mudassar</b> (Statistics)	<b>Umair, Ali</b> (Statistics)	<b>Zamora, Bianca Denise</b> (Statistics – Computing Minor – Economics Minor)
<b>Qureshi, Shazerah Salman</b> (Computational Mathematics – Joint Honours Statistics) *	<b>Uppal, Aditya</b> (Applied Mathematics – Economics Specialization)	<b>Zhang, Annie Lin</b> (Mathematics/Business Administration – Honours Statistics – English Language and Literature Minor) *
<b>Ravi, Rohit</b> (Mathematical Studies – Business Specialization – Computing Minor)	<b>Valencia, Julio Sebastian</b> (Computational Mathematics – Computing Minor)	<b>Zhang, Baiqi</b> (Combinatorics and Optimization – Honours Computational Mathematics – Pure Mathematics Minor) *
<b>Rowlands, Andrew Cameron</b> (Combinatorics and Optimization – Computing Minor)	<b>Vanheuangdy, Tiffany Bridgette</b> (Actuarial Science – Honours Statistics – Economic Theory Minor) *	<b>Zhang, Jiuzhen</b> (Business Administration and Mathematics – Statistics Minor) *
<b>Ruhela, Devika</b> (Computational Mathematics – Computer Science Minor)	<b>Vijhani, Nakul</b> (Computational Mathematics)	<b>Zhang, Joy Boyi</b> (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization – Psychology Minor)
<b>Sandhu, Manyuvraj Singh</b> (Computational Mathematics – Computing Minor) *	<b>Wang, Andrew</b> (Computer Science) *	<b>Zhang, Kaicheng</b> (Combinatorics and Optimization – Honours Computational Mathematics – Economics Minor) *
<b>Schnell, Jacob John</b> (Computer Science – Honours Statistics) †	<b>Wang, Duhan</b> (Combinatorics and Optimization – Honours Statistics) *	<b>Zhang, Xunchao</b> (Computer Science – Honours Mathematical Finance – Honours Statistics – Pure Mathematics Minor) †
<b>Seim Mui, Rafael Yihung</b> (Business Administration and Mathematics – Computing Minor)	<b>Wang, Qing</b> (Computational Mathematics – Combinatorics and Optimization Minor – Computing Minor)	<b>Zhang, Yicheng</b> (Computer Science – Combinatorics and Optimization Minor) *
<b>Shah, Devak</b> (Business Administration and Mathematics – Honours Statistics) *	<b>Wang, Yifan</b> (Business Administration and Mathematics – Statistics Minor) †	<b>Zhang, Yongxing</b> (Computer Science – Honours Combinatorics and Optimization) †
<b>Shah, Rajvi</b> (Business Administration and Mathematics – Statistics Minor) †	<b>Wang, Zhisu</b> (Computer Science – Honours Combinatorics and Optimization) †	<b>Zhao, Winnie</b> (Business Administration and Mathematics – Computing Minor) *
<b>Sharan, Adyant</b> (Statistics – Computational Mathematics Minor) †	<b>Wang, Zijiao</b> (Statistics)	
<b>Sharma, Abhay</b> (Statistics – Computing Minor – Economics Minor)	<b>Wang, Ziyang</b> (Actuarial Science – Honours Statistics) *	
<b>Shen, Longyi</b> (Statistics – Honours Computational Mathematics)	<b>Wong, Alan</b> (Mathematics/Business Administration – Computing Minor)	
<b>Shi, Wanyu</b> (Business Administration and Mathematics) *	<b>Wu, Bicheng</b> (Actuarial Science – Honours Statistics) *	
<b>Singh, Sirtaj</b> (Business Administration and Mathematics – Honours Statistics) *	<b>Wu, Chenfei</b> (Business Administration and Mathematics – Statistics Minor – Combinatorics and Optimization Minor) †	
<b>Singhal, Parth</b> (Mathematical Studies)	<b>Wu, Jianing</b> (Computational Mathematics – Computing Minor) *	
<b>Song, Zekai</b> (Statistics – Computing Minor) *		
<b>Sun, Kevin Yijie</b> (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)		

\* – Distinction  
† – Dean's Honours

**Zhao, Yijie** (Combinatorics and Optimization – Honours Computational Mathematics – Pure Mathematics Minor) †

**Zheng, Si Xing** (Data Science)

**Zhou, Jiahui** (Computational Mathematics)

**Zhou, Ziyan** (Statistics)

**Zhu, Ziwei** (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) \*

**Zhuang, Yuan** (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization)

**Zou, Wenmingzi** (Business Administration and Mathematics – Computing Minor)

**Zou, Yao Hui** (Data Science) \*

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**BACHELOR OF  
SOFTWARE ENGINEERING**

**HONOURS CO-OPERATIVE  
PROGRAM**

Forrest, Jade Alice  
Qiu, Brian \*  
Yaworski, Michael

---

**DIPLOMA IN CREATIVE WRITING**

Feng, Grace

---

**DIPLOMA IN FRENCH LANGUAGE II**

Wang, Michelle

---

**DIPLOMA IN JAPANESE LANGUAGE I**

Cao, Honglin  
Yang, Junchi  
Zhang, Yicheng

---

**DIPLOMA IN KOREAN LANGUAGE I**

Luc, Thanh Giang

\* – Distinction  
† – Dean's Honours

# Outstanding achievements

## FACULTY OF MATHEMATICS

---

### MEDALS AND AWARDS

FINALIST FOR THE  
UNIVERSITY OF WATERLOO  
ALUMNI GOLD MEDAL

Doctoral  
Negar Arabzadehghahyazi

FINALIST FOR THE  
UNIVERSITY OF WATERLOO  
ALUMNI GOLD MEDAL

Master's  
Sairaj Voruganti (spring 2025)

K.D. FRYER GOLD MEDAL  
Academic excellence and good citizenship  
Helen Dong





# AFTERNOON CEREMONY

Degrees and diplomas from:  
**UNIVERSITY OF WATERLOO**  
**FACULTY OF HEALTH**  
**FACULTY OF ENVIRONMENT**

# Graduate degrees

## FACULTY OF HEALTH

---

### DOCTOR OF PHILOSOPHY

**Adekoya, Adebisola Abiodun**

(Public Health Sciences – Aging, Health and Well-Being)

“Alert Systems for Missing Persons Living With Dementia: From Policy to Implementation”

**Agbo, Victor Mawutor** (Recreation and Leisure Studies)

“Toward Decolonial Tourism Education in Ghana: A Critical Ethnography”

**AlShurman, Bara’ Abdallah** (Public Health Sciences)

“A Syndemic Approach to Understanding and Exploring COVID-19 Vaccine Hesitancy Among University of Waterloo Students, Canada”

**Betini, Gustavo S.** (Public Health Sciences)

“Developing Tools to Support Older Adults During Climate-Related Emergencies”

**Boyar, Yelyzaveta** (Public Health and Health Systems)

“Marketing of Unhealthy Foods and Beverages to Youth: An Investigation of Domestic and International Approaches to Child-Directed Marketing Restrictions”

**Caswell, Marian Susan** (Public Health Sciences)

“Food Policy in Recreation and Sport Facilities in Canada: Lessons Learned From Eat, Play, Live”

**Champagne, Eden Rose** (Recreation and Leisure Studies – Aging, Health and Well-Being)

“Dance/Movement Therapy for Dementia Caregiver Resilience: A Mixed-Methods Study”

**Chan, John Zewen** (Kinesiology)

“Investigation of the Therapeutic Potential of a New Phytochemical for Lymphopenia in Barth Syndrome”

**Doan, Natalie** (Public Health Sciences)

“Investigating Socioeconomic Inequities in Diet Quality Among Adults in Canada Using an Intersectional Approach”

**Gill-Chawla, Navjot** (Public Health Sciences – Aging, Health and Well-Being)

“Dementia Dastan: Understanding the Experiences of South Asian Canadians Living With Dementia and Their Care Partners”

**Kuhn, Tara Eliza** (Kinesiology – Aging, Health and Well-Being)

“Investigating and Promoting Lifestyle Factors to Improve Sleep in People at Risk for and With Dementia”

**McManus, Kelly Dawn** (Recreation and Leisure Studies)

“Crisis Response, Recovery and Resilience of Community Events: The Case of Kitchener and COVID-19”

**Nova, Amanda Aguilar da** (Public Health and Health Systems)

“An Exploration of Quality-of-Life Surveys and Indicators in Long-Term Care Homes”

**Shorey, Carrie Lynn** (Public Health Sciences – Aging, Health and Well-Being)

“Aging Under Pressure: Stress, Inflammation, and Cognitive Change in Immigrant and Non-Immigrant Canadians”

**Villanueva, Joseph Michael**

(Recreation and Leisure Studies)

“Thinking Outside the Dots: A Professional Sport Team’s Influence on Hockey Participation in a Non-Traditional Geographic Location”

**Wheeldon, Katelyn Violet Laura**

(Public Health Sciences – Aging, Health and Well-Being)  
“Superior by Nature? – Diagnosing Dementia in Northwestern Ontario”

---

### MASTER OF ARTS

**Cargill, Crystal-Jade**

(Recreation and Leisure Studies)

**Pereira, Marcus Thomas**

(Recreation and Leisure Studies)

**Xu, David Zichao**

(Recreation and Leisure Studies)

**Xu, Jiayu**

(Recreation and Leisure Studies)

---

### MASTER OF HEALTH EVALUATION

Asante, Nana Yaw Mireku  
Rivera, Beatrice Margarita  
Venturini, Kyla  
Xiao, Duo

---

### MASTER OF HEALTH INFORMATICS

Espiritu, Kristopher Dylan Aragon  
Kanso, Marcel  
Kazour, Taha  
Koo, Morgan  
Pitsiniaga, Eleni Elisabeth  
Popovic, Katarina  
Tangney, Bayley  
Zhu, Yiling

---

### MASTER OF KINESIOLOGY

Dosen, Nicholas Steven  
Fatima, Aiman  
Jaschkowski, Spencer Marshall  
Kim, Joseph  
Markovinovic, Celia Christine  
Patel, Jeel  
Robinson, Aaliyah Jean  
Scero, Chloe Helena  
Young, Shaylen Dimitri  
Zafar, Sabrina

---

### MASTER OF PUBLIC HEALTH

Abedin, Samiha  
Agbangla, Gisele  
Ajisomo, Omotoyosi Omolola  
Alekozai, Halima  
Butter, Jeremy  
Curl, Tiffany Barbara  
Dhanvanthry, Neha  
Ekanem, Edidiong  
Esak, Nadia  
Ferreira, Kaitlyn  
Gabra, Natalie  
Gauhar, Alisha  
Goenadi, Nickolas Felix  
Gren, David  
Habte, Merhawi Girmay  
Hayward, Lauren Anne  
Ho, Cedonna  
Jeruo, Alexandra  
Kamoordeen, Fathima Marfath  
Khan, Maha Riaz  
Kim, Young Mi  
Kingwaya, Melissa

Krawczyk, Jennifer  
Law, Ranee  
Lobanwala, Yuzna Munawerali  
Mbua, Georgette Enjema  
Mendoza, Mark Galileo  
Mgbatogu, Kelly Chisom Enanga  
Mungal, Sivanah Privani  
Obaseki, Melody  
Oldridge, Rebecca Ann  
Oni, Hilda  
Orabueze, Obiageli Francesc  
Pathmanathan, Harishia  
Read, Megan Laura  
Saeed, Maram  
Saleban, Adam Abdi  
Samek, Rebecca Ann  
Scione, Alexandra Maria  
Sciscente, Samantha Piazza  
Singha, Sahelee  
Stephenson, Sara Kathleen  
Stuart - Veira, Aniyah Dremaire  
Tavakoli, Maryam  
Verma, Ananya

---

## MASTER OF SCIENCE

**Grigg, Bailey Marie** (Public Health Sciences)

**Hammond, Jacob Alexander** (Public Health Sciences)

**Jayathilake, Amreetha** (Public Health Sciences)

**Li, Xinyi** (Kinesiology and Health Sciences)

**Lynn, Alyssa Sarah** (Kinesiology and Health Sciences)

**Morgante, Emmett Brendan** (Kinesiology and Health Sciences)

**Nestor, Hailey Michelle** (Kinesiology and Health Sciences)

**Quayyum, Raihana** (Kinesiology and Health Sciences)

**Randhawa, Tanveer Kaur** (Public Health Sciences)

**Rinaldi, Daniel** (Kinesiology)

**Rosati, Katherine** (Kinesiology)

**Rynne, Paige Julia** (Kinesiology)

**Saragadam, Ashish** (Public Health Sciences)

**Sarwal, Kanika** (Public Health Sciences)

**Stiles, Chloë Karrie Anne** (Kinesiology and Health Sciences)

**Tucker, Lucas Roy** (Public Health Sciences)

**Wang, Xin Yi** (Public Health Sciences)

**Ying, Tsz Yui** (Kinesiology and Health Sciences)

---

## MASTER OF SOCIAL WORK

Abusamaha, Ayah Mahmoud  
Afolayan, Folake Olutoyin  
Armstrong, Sabrina Jean  
Bazinet, Maxime Carmen  
Beerling, Debbie Patricia  
Bernard, Kolby Marie M  
Bernhard, Nicole Ashley  
Bhullar, Taninder Kaur  
Brubacher, Renita Ann  
Bunn, Stephanie  
Butt, Amanda Marie  
Chessell, Ashley Marie  
Chikanda, Abigail  
Comeau, Jillian  
Cornelson, Keelan Odette  
Dames, Philicia  
Davis, Arielle-Marie Summer  
Doan, Julie  
Dodds, Janalyn Marie  
Edalati Aliabadbad, Pegah  
Edel, Rachel Teresa  
Ederer, Sarah Eileen  
Elsdon-Height, Julie  
Fox, Jennifer  
Freeman, Chelsey Annette  
Gionet, Kierra Raine  
Goodkey, Kimber Ann  
Goswell, Jessica Margaret  
Gray, Victoria  
Greco, Leia Marie  
Hall, Kirsten Carter  
Harrington, Roberta Kathleen  
Hart, Zoe Laura  
Henneberry, Sandra Katheleen  
Hunt, Meagan Rose  
Hunter, Leigh  
Hutnan, Shannon Louise  
Ivec, Cassidy Krista  
James, Michaela Anne  
Johns, Erin  
Jones, Mackenzie Shanea  
Kelemen, Monique  
Kelly, Oluwakemisola  
Kessler, Michael Ryan  
Kooblal, Sandy  
Kwan, Suzanne So-Sum  
Lam, Cindy Minh Hanh  
Lecomte, Kristina Lee  
Leonard, Patricia Danielle  
Liberty, Sarah Jessica  
Lowe, Tasha  
Mace, Lorna Catherine  
MacEachern, Catherine Aileen  
MacIntyre, Aundrea  
MacKeen, Kaylie Dianne  
MacLean, Ashley Lynn  
Macmillan, Colleen Jean  
Maguire, Shannon Christine  
Mahon, Justin William  
Maier, Danielle  
Mallozzi, Rebecca  
McCabe, Sandra Kristine  
McGaw, Marcy  
McGeachy, Shannon Kristy

Metcalf, Robyn Alicia  
Méthot, Nicolas David  
Morrison, Jermaine  
Muise, Allison Beth  
Murphy, Robyn Emily Rose  
Nelson, Alexandra  
Olivier, Michelle Christine  
Osman, Sadio Mohamed  
Papineau, Kendra  
Paquette, Laura Lee  
Purdy, Joshua H  
Rempel, Raquel  
Reyes-Landicho, Benedict-Zam  
Riabko, Kamilla  
Richardson, Olivia Jane  
Rickard, Kimberley Ann  
Roach, Jillian  
Robinson, Chelsea  
Rodin, Janet  
Rose, Julia Vanessa  
Roxburgh, Kirsti Lauren  
Rukoro-Ogbebor, Magreth  
Rushton, Sarah Dawn  
Sadler-Rucht, Rebecca Michelle  
Sauve, Lisa-Marie Ann  
Schneider, Michael  
Schuette, Diana Shirley  
Scott, Chantea T  
Scott, Luz Marcela  
Serink, Donald Steven  
Shaddock, Lindsay  
Sheridan, Sheena Marie  
Smiley, Autumn Blaise  
Steffan, David Benjamin  
Strang, Julia Bernadette Hardaker  
Vayenas, Stacy  
Veikle, Tessa  
Vey, Danielle Allyson  
Watts, Melanie  
White, Joanna  
Wiebe, Kayla Jane  
Williams, Michelle Renee  
Williams, Susanne Marie  
Yunker, Krystle Lynn  
Zmud, Laura Jean M

---

## GRADUATE CERTIFICATE

**Diaguarachchige De Silva, Kalsha** (University Teaching)

# Undergraduate degrees

## FACULTY OF HEALTH

### BACHELOR OF ARTS

#### HONOURS PROGRAM

**Bola, Rahul Singh** (Recreation and Sport Business – Honours Therapeutic Recreation – Co-operative Program) †

**Carlos, Erika Jacques Lingad** (Recreation and Sport Business)

**Cooley, Nicholas Fortin** (Therapeutic Recreation)

**Dai, Zhuoheng** (Recreation and Leisure Studies – Tourism Minor)

**Duscio, Angelo Mario** (Recreation and Sport Business)

**Fong, Carrie Priscilla** (Recreation and Leisure Studies)

**Forrester, Leila Elizabeth** (Recreation and Leisure Studies – Event Management Minor – Human Resources Management Minor) †

**Ismail, Chirin** (Therapeutic Recreation) \*

**James, Tatum Beverlee Ann** (Therapeutic Recreation) †

**Jonathan, Ibelek Benjamin** (Therapeutic Recreation)

**Martin, Devon James** (Recreation and Sport Business – Event Management Minor) \*

**Martin, Paige Davey** (Therapeutic Recreation – Co-operative Program) †

**Masterson-Foster, Alexandra Cashel** (Therapeutic Recreation)

**Meer, Mohammad Anas** (Recreation and Sport Business)

**Paulsen, Jebediah Keith** (Recreation and Sport Business – Event Management Minor) \*

**Renner, Grace Erin** (Therapeutic Recreation)

**Samra, Sumeet** (Therapeutic Recreation) \*

**Smeltzer, Jennelle Darlene** (Recreation and Sport Business – Event Management Minor)

**Sunn, Braiden Frank** (Recreation and Sport Business – Co-operative Program) †

**Virk, Kulraj Singh** (Recreation and Sport Business – Event Management Minor) \*

**Zaitchik, Robert James** (Recreation and Sport Business – Event Management Minor) \*

### BACHELOR OF PUBLIC HEALTH

#### HONOURS PROGRAM

**Anwar, Mehwish**

**Jung, David Dasol**

**Kwarteng, Jessalyn Frimpomaa**

**Lima, Julia Tavares** \*

**Mirza, Hasina Afsar**

**Nichol, Natalie Alexandra** (Public Health – Joint Honours Social Development Studies – Social Work Specialization – Aging Studies Option – International Studies Minor – Peace and Conflict Studies Minor – Co-operative Program) \*

**Randhawa, Anahat** (Co-operative Program)

**Vasilu, Simona Cristina** \*

### BACHELOR OF SCIENCE

#### GENERAL PROGRAM – FOUR YEAR

**Carvallo Mucci, Armando Andres** (General Kinesiology)

**Glynn, Sarah Manon** (General Kinesiology)

**Mirza, Hashir Ahmad** (General Kinesiology)

#### HONOURS PROGRAM

**Bishop, Benjamin Michael** (Kinesiology – Rehabilitation Sciences Specialization)

**Campbell-Hill, Declan Stuart** (Kinesiology)

**Carr, Avery Joycelyn** (Kinesiology – Rehabilitation Sciences Specialization – Medical Physiology Minor)

**Dean, Connor William** (Kinesiology – Co-operative Program) †

**DuQuesnay, Hayley Lauren** (Health Sciences)

**Eickmeier, Krystian Darcy** (Kinesiology)

**El-Halawani, Taliah Wesam** (Kinesiology)

**Fatima, Sana** (Health Sciences) \*

**Foxworthy, Jacob William** (Kinesiology – Co-operative Program)

**Franchi, Serena** (Kinesiology – Psychology Minor)

**Gbepo, Aisha Kasha** (Health Sciences)

**Guerette, Sarah Elizabeth** (Kinesiology – Co-operative Program)

**Husic, Adrian** (Kinesiology) \*

**Isak, Feven** (Health Studies – Co-operative Program) \*

**Kanwar, Shilpa** (Kinesiology)

**Kim, Justin S.** (Kinesiology)

**Krishnan, Rishi** (Kinesiology)

**Lecours, Joëlle Pascale** (Kinesiology) †

**Lee, Isabelle Mun-Pui** (Health Sciences) †

**Lim, Amanda Victoria** (Health Studies – Co-operative Program) \*

**Ma, Irene** (Health Sciences) †

**Maqbool, Azhan** (Kinesiology)

**McCorkindale, Lexie Alyece Mulligan** (Health Sciences – Pre-Clinical Specialization – Biology Minor – Co-operative Program) †

**Nguyen, Lewis Ming** (Kinesiology)

**Pandher, Jasleen Kaur** (Health Sciences)

**Pannu, Hamna Ahmad** (Health Sciences) †

**Penner, Allison Donna** (Kinesiology – Co-operative Program)

**Rasathurai, Kirthana** (Health Sciences – Gerontology Minor)

**Resendes, Claire Marais** (Health Sciences) \*

**Sammut, Zachary Peter** (Kinesiology)

\* – Distinction  
† – Dean's Honours

**Sanghadia, Natasha Janak** (Health Sciences) †

**Sardar, Hamza Yusuf** (Kinesiology)

**Saroya, Jashandeep Kaur** (Health Sciences – Co-operative Program) \*

**Scheel, Chloé Danielle** (Health Sciences – Medical Physiology Minor)

**Senthan, Abirame** (Health Studies – Co-operative Program) \*

**Shapkota, Sushma** (Health Studies – Computing Minor – Co-operative Program)

**Sinnarajah, Maya** (Health Sciences – Aging Studies Option) \*

**Sosa, Tomas** (Kinesiology – Co-operative Program) †

**Tae, Tianna** (Kinesiology – Neuroscience Minor)

**Tandon, Ayrik** (Kinesiology)

**Tariq, Zain** (Health Studies) †

**Tezera, Hallelujah Mesfin** (Health Sciences – Gerontology Minor)

**Wilkinson, Emily Hannah** (Kinesiology – Psychology Minor – Co-operative Program)

**Wong, Shing Yan** (Kinesiology – Rehabilitation Sciences Specialization – Co-operative Program) †

**Zheng, Zhixin** (Health Studies – Co-operative Program)

---

**DIPLOMA IN GERONTOLOGY**

Lima, Julia Tavares  
Martin, Paige Davey  
Resendes, Claire Marais

---

**DIPLOMA IN HEALTH HUMANITIES**

Nichol, Natalie Alexandra

---

**DIPLOMA IN JAPANESE LANGUAGE I**

Jonathan, Ibelek Benjamin  
Tae, Tianna

---

**CERTIFICATE IN  
GLOBAL EXPERIENCE**

Nichol, Natalie Alexandra

\* – Distinction  
† – Dean’s Honours

# Graduate degrees

## FACULTY OF ENVIRONMENT

---

### DOCTOR OF PHILOSOPHY

**Bayatvarkeshi, Maryam**

(Geography – Water)

“Hydroclimatic Influence of Seismic Line Disturbances Based on Field Measurements and Modelling Across Alberta, Canada”

**Bergbusch, Nathanael Thomas**

(Social and Ecological Sustainability – Water)

“Protecting Environmental and Cultural Water Through Collaborative Governance and Impact Assessment: Intentional, Canadian, and Saskatchewan Examples”

**DeGroot, Amaryah** (Sustainability Management)

“100 Mile Fibre: The Organization and Governance of Fibresheds in Southern Ontario and Northern Ohio”

**Feor, Leah** (Sustainability Management)

“Evaluating Municipal Climate Action: An Analysis of Performance Measurement Models, Practices, and Indicators”

**Kidd, Jessica** (Social and Ecological Sustainability – Water)

“A Cumulative Effects Assessment Approach to Improving Decision-Making for Freshwater Resource Protection and Restoration”

**Kraus, Daniel T** (Social and Ecological Sustainability)

“Bending the Curve of Biodiversity Loss: Identifying Barriers and Opportunities to Accelerate Endangered Species Recovery in Canada”

**Matthews-Roper, Misty Winter Rose**

(Social and Ecological Sustainability)  
“Between the Covers and Beyond the Page: Gauging Climate Fiction’s Impact Through Ecocriticism and Virtual Book Club Observations”

**McDougall, Emma Deirdre** (Planning)

“Are We on the Same Track? Using Lived Experiences to Understand the Complex Impacts of New Transportation Investment”

**McKinnon, Murdoch Edward**

(Geography – Water)

“Development of Ecohydrological Processes on a Partially Removed Well Pad Undergoing Restoration to a Peatland on the Western Boreal Plain, Alberta, Canada”

**Miah, Md. Ruyel** (Sustainability Management)

“Governance for Vulnerability to Viability Transitions in the Transboundary Sundarbans Social-Ecological Systems”

**Mic, Monica Gabriela** (Sustainability Management)

“Rethinking Sustainable Tourism Certification: A Bottom-Up Evaluation of the Global Sustainable Tourism Council Framework as Measured by Certification Systems”

**Tan, Weikai** (Geography)

“High-Resolution Digital Terrain Modelling for Urban Flood Mapping With Deep Learning”

**Vikraman Nair, Navya** (Sustainability Management – Water)

“Linking Blue Carbon Ecosystems and Water Quality in Coastal Wetlands for Viable Small-Scale Fisheries”

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### MASTER OF ARTS

**Jebuni, Julius** (Geography)**Kinsman, Katherine Ann** (Planning)**Meho-Akakpo, Pascal** (Geography)**O’Reilly, Emma** (Planning)**Oswal, Snehal Sanjay** (Planning)**Patel, Bhrugisha Rajnikant** (Planning)**Ramdenee, Rukma** (Planning)**Roopnarine, Reagan Maroon Rosa** (Global Governance)**Shergill, Shanpreet Singh** (Planning)

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### MASTER OF CLIMATE CHANGE

**Ai, Ruiyang****Bano, Shaher****Biram, Hadeel Raid****Brezden, Kylie****He, Aishan****Hong, Fengjue****Huang, Junhong****Medlej, Ayah Ali Dham****Ostapchuk, Thomas Allan****Phibbs, Jack****Pokrajac, Marina****Prasad, Somanshu****Rando, Aidan****Singh, Paramvir****Wiebe, Taylor Maxine****Zhang, Dingwen****Zhang, Yanlin**

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### MASTER OF DEVELOPMENT PRACTICE

**Anko, Emmanuel Attalitemi Kofi****Nassir, Lina****Rodriguez, Talia**

---

### MASTER OF ECONOMIC DEVELOPMENT AND INNOVATION

**Dhamer, Adam****Hettinga, Kellie Victoria****Livshits, Adam****Peña, Samanta****Sena, Senewa Sarone****Zhao, Ricky****Zheng, Guoqing**

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### MASTER OF ENVIRONMENT AND BUSINESS

**Au, Theresa Chi Ying****Blackall, Carly Diane****Burgoyne, Anne****Cava, Samantha****Danner, John Saleem****Fox, Emma Grace****Hutchinson, Logan William****Lezon, Alicia Leigh****Morrison, NiCole Victoria****Pandher, Jaspreet****Panizza, Florencia****Rondot, Geraldine M****Shaddock, Jacob Clifford****Slute, Ryan Grant****Sorongbe, Faith Olukayode****Stratford, Emily Brier****Tam, Elliott Chek-yui**

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### MASTER OF ENVIRONMENTAL STUDIES

**Agyapong, Prince Joseph Amoah** (Sustainability Management)**Chakraborty, Pallabi** (Social and Ecological Sustainability)**Choi, Joanne Yoon** (Planning)**Coxworthy, Andrea** (Sustainability Management)

**Diouri, Mohamed Elmehti**  
(Planning)

**Garstka, Natalie Katharina**  
(Sustainability Management)

**Hussain, Mahnoor** (Sustainability Management)

**Kelly, Adam Michael** (Planning)

**Lister, Murray Ross** (Sustainability Management)

**MacLellan, Elizabeth Carolyn**  
(Planning)

**Manninger, Kaitlyn Mary**  
(Geography)

**Prakash Sherly, Greeshma**  
(Sustainability Management)

**Rahaman, Ayesha** (Sustainability Management)

**Ruggiero, Marcus Alexander**  
(Planning)

**Simoes, Kyara Maria** (Geography)

**Tong, Lok Yee** (Planning)

**Willis, Duncan Robert Bruce**  
(Sustainability Management)

---

**MASTER OF FUTURE CITIES**

Abdolvahabi, Yasamin  
Bhatti, Amman  
Doubani, Ola  
Momeni, Maryam  
Sandhu, Tehnaad Kaur

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**MASTER OF PLANNING**

Parkin, Margaret Jane  
Singh, Tanisha  
Thompson, Julie Lynn  
Yadav, Jessica

---

**MASTER OF SCIENCE**

**Fang, Amerald Xian Liang**  
(Geography)

**Rubiano, Maria Victoria**  
(Geography)

**Santia, Veronica** (Geography)

**Withanage, Akshara Sandali Samarasuriya** (Geography)

---

**GRADUATE DIPLOMA**

**Dubuc, Jezabel** (Climate Risk Management)

**Duckett, Courtney Lynn** (Climate Risk Management)

**Hayman, Jenni Louise** (Climate Risk Management)

**Madigan, Amanda Lea** (Climate Risk Management)

**Vikraman Nair, Navya**  
(Computational Data Analytics for the Social Sciences and Humanities)

**Wynes, Marianne Rachel** (Climate Risk Management)

---

**GRADUATE CERTIFICATE**

**Appiah, Adwoa Boatemaa**  
(University Teaching)

# Undergraduate degrees

## FACULTY OF ENVIRONMENT

### BACHELOR OF ENVIRONMENTAL STUDIES

#### GENERAL PROGRAM – THREE YEAR

**Clement, Jesse Kevin** (Geography and Environmental Management – Aviation Specialization) \*

**Genene, Nathan Samuel** (Geography and Environmental Management)

**Li, Mackenzie** (Geography and Environmental Management)

**Ogunjinmi, Josemaria Akinloluwa** (Geography and Environmental Management – Aviation Specialization)

**Quan, Lucas Cameron Teng Lin** (Geography and Environmental Management – Aviation Specialization)

**Wong Nguyen, Kai** (Geography and Environmental Management)

#### HONOURS PROGRAM

**Ahn, Kevin** (Geography and Aviation)

**Alzein, Mhd Amjad** (Geography and Environmental Management – Urban Studies Minor – Co-operative Program)

**Arnoczki, Angela Anett** (Geography and Environmental Management – Aviation Specialization)

**Aucoin, Megan Bridget** (Environment and Business – Environment, Resources and Sustainability Minor)

**Bhana, Aiden Robert** (Geography and Aviation)

**Bouaban, Matthew Victor** (Environment, Resources and Sustainability – Geography and Environmental Management Minor) \*

**Canhoto, Sydney Katherine** (Planning – Co-operative Program)

**Cao, Kelvin** (Planning – Co-operative Program) \*

**Cespate, Joseph Tristin John** (Environment and Business – Co-operative Program) †

**Chen, Congrui** (Geomatics – Co-operative Program)

**Chen, Tian Yu** (Environment and Business – Urban Studies Minor – Co-operative Program)

**Cho, Anthony Bo-Sun** (Geomatics – Computing Minor – Co-operative Program) †

**Dan, Theodor Alexander** (Geography and Environmental Management – Climate Change and Environment Specialization – Co-operative Program)

**Dar, Humza Anjum** (Geography and Environmental Management – Co-operative Program)

**Delaney, Kaleb Booth** (Planning – Co-operative Program)

**Devereaux, Sean** (Environment and Business)

**Dong, Hanyi** (Geomatics) \*

**Du, Anthony** (Geomatics – Co-operative Program)

**Gao, Yixu** (Geography and Aviation – Geomatics Specialization) †

**Hadi, Mohammad** (Geography and Environmental Management – Co-operative Program)

**Han, Myong Kyu** (Geography and Aviation) \*

**Harris, Trent Rowan** (Geography and Aviation) \*

**Hassan, Fuad** (Environment, Resources and Sustainability)

**Johnson, Matthew Riley** (Environment, Resources and Sustainability)

**Jones, Timothy Thomas Nicholas** (Geography and Environmental Management – Geomatics Specialization – Parks Minor) \*

**Khattab, Fouad Ahmed** (Geography and Aviation)

**Kruger, Colin Jeffrey** (Planning – Urban Design Specialization – Geography and Environmental Management Minor – Co-operative Program) \*

**Lama, Maria Pratikcha Palacay** (Geography and Aviation) \*

**Li, Wanjing** (Geomatics – Computing Minor) \*

**Li, Yanchi** (Environment, Resources and Sustainability – Sociology Minor) \*

**Liu, Kelvyn De Hao** (Geography and Aviation – Geomatics Specialization) †

**Marubini, Roberto Sisto** (Geography and Aviation) †

**Mohamed, Muktar** (Environment, Resources and Sustainability) \*

**Mojib, Dua** (Geography and Environmental Management – Geomatics Specialization – Co-operative Program)

**Mueller, Ayla Sophie** (Geography and Environmental Management – Aviation Specialization)

**Nguyen, Jennifer Lam** (Environment and Business – Co-operative Program)

**Nikolic, Marko** (Geography and Aviation) †

**Oh, Sehyun** (Geography and Environmental Management)

**Oppenheim, Gilad** (Environment and Business – Co-operative Program)

**Ranaweera Arachige, Sakith Oshan** (Geography and Environmental Management – Co-operative Program) \*

**Ravikumar, Seshan** (Geomatics – Computing Minor – Co-operative Program)

**Said, Saher** (Environment and Business)

**Schrader, Emily Isabel** (Environment and Business – Co-operative Program)

**Shum, Tristan** (Environment and Business – Economics Minor – Geography and Environmental Management Minor) \*

**Simmons, Rhea Adila** (Environment, Resources and Sustainability)

**Sloan, Eoghan David** (Environment, Resources and Sustainability) \*

**Souleymane, Mahamat Adam** (Geography and Environmental Management – Aviation Specialization) \*

\* – Distinction

† – Dean's Honours



**Szekely, Kata** (Geography and Aviation)

**Tafere, Berkti** (Environment, Resources and Sustainability)

**Thatchinamoorthy, Ashvinya** (Planning – Co-operative Program)

**Thorley, Charlotte Therese** (Geography and Aviation) †

**Usmani, Zara** (Environment, Resources and Sustainability – Geography and Environmental Management Minor – Co-operative Program)

**Verma, Atharv** (Geography and Environmental Management)

**Wang, Chuhan** (Geomatics – Computing Minor) †

**Wensvoort, Mayan Yakob** (Geography and Aviation) †

**Weston, Samuel Gordon** (Geography and Aviation) \*

**Wong, Yi Chong Nikki** (Geography and Aviation)

**Wu, Zhencheng** (Geomatics – Computing Minor – Co-operative Program) †

**Xu, Shuwei** (Geomatics)

**Yeung, Shing Hin** (Environment and Business – Co-operative Program)

**Yong, Alfred Chi On** (Geography and Aviation – Climate Change and Environment Specialization)

**Zador, Beverley Aurora** (Environment, Resources and Sustainability) \*

**Zarezankov, Stefan** (Geography and Aviation) \*

**Zhang, Sai Sai** (Planning – Business Option – Geography and Environmental Management Minor – Co-operative Program)

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## BACHELOR OF KNOWLEDGE INTEGRATION

### HONOURS PROGRAM

**Bruulsema, Erika Jennifer** (Philosophy Minor) \*

**Kalist, Jordan** (Urban Studies Minor – Music Minor) †

**Kelly, Isabella Grace** (Collaborative Design Specialization – Digital Arts Communication Minor) †

**LeCouffe, Emma** (Collaborative Design Specialization – Psychology Minor) †

**Van Decker, Luke Bjorn** \*

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## DIPLOMA IN ECOLOGICAL RESTORATION AND REHABILITATION

Zador, Beverley Aurora

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## DIPLOMA IN ENVIRONMENTAL ASSESSMENT

Patel, Kinjal  
Sloan, Eoghan David  
Usmani, Zara

---

## DIPLOMA IN ITALIAN LANGUAGE

Souleymane, Mahamat Adam

---

## DIPLOMA IN JAPANESE LANGUAGE I

Dong, Hanyi  
Liu, Kelvyn De Hao

---

## DIPLOMA IN SUSTAINABILITY

Thatchinamoorthy, Ashvinya

---

## DIPLOMA OF EXCELLENCE IN GEOGRAPHIC INFORMATION SYSTEMS

Jones, Timothy Thomas Nicholas  
Liu, Kelvyn De Hao

\* – Distinction  
† – Dean's Honours

# Outstanding achievements

## FACULTY OF HEALTH

---

### MEDALS AND AWARDS

FINALIST FOR THE  
UNIVERSITY OF WATERLOO  
ALUMNI GOLD MEDAL

**Doctoral**  
Fasih Rahman (spring 2025)

## FACULTY OF ENVIRONMENT

---

### MEDALS AND AWARDS

THE UNIVERSITY OF WATERLOO  
ALUMNI GOLD MEDAL

Outstanding academic performance  
in a doctoral program  
Michelle Anagnostou (spring 2025)

FINALIST FOR THE  
UNIVERSITY OF WATERLOO  
ALUMNI GOLD MEDAL

**Master's**  
Felicia Mae Watterodt (spring 2025)



# EVENING CEREMONY

Degrees and diplomas from:  
**UNIVERSITY OF WATERLOO**  
**FACULTY OF SCIENCE**

# Graduate degrees

## FACULTY OF SCIENCE

---

### DOCTOR OF PHILOSOPHY

**Andersen, Nigel Thor Stanley Morgan** (Physics)

“Statistical Mechanics of Finite Length Semiflexible Wormlike Polymers”

**Andrade Pereira, Debora** (Biology)

“Impacts of Temperature Variation on Duckweed Population Growth and Distribution in a Changing Climate”

**Bukhteeva, Irina** (Physics - Nanotechnology)

“Biophysical Study of the Effect of Lithium Isotopes from Cells to Ion Channels, Towards Uncovering Quantum Phenomena in Neuroscience”

**Ding, Yuzhe** (Chemistry)

“Fundamental Studies for Small Molecule Aptamer Selection Using Capture-SELEX”

**Dyer, Sebastien Coltrane** (Earth Sciences)

“High-Temperature Metaphoric Reactions From the Macro-Scale to the Micro-Scale”

**Filice, Carina Teresa** (Biology)

“A Biophysical Study on the Effects of Bacterial Infection and Neuroprotective Molecules in Relation to Alzheimer’s Disease”

**Garg, Piyush** (Vision Science)

“Development of a Biodegradable Contact Lens System for Ocular Drug Delivery”

**Hosseini, Mostafa** (Earth Sciences)

“Gas Hydrate Formation and Dissociation: Predictive, Thermodynamic, and Dynamic Models”

**Jabeen, Asiya** (Vision Science)

“Short-Term Effect of Diffusion Optics Technology™ (DOT) Contrast Management Spectacle Lenses on Ocular Biometrics and Lag of Accommodations in Emmetropic Children”

**Karuturi, Rahul Chowdary**

(Pharmacy)

“Novel 1,4-Diazepane Derivatives as Amyloid Beta (Aβ) Aggregation Inhibitors”

**Liu, Shuwei** (Physics)

“Learning the Quantum, Scrambling the Universe”

**Merali, Ejaaz** (Physics)

“Quantum Monte Carlo Simulations of Rydberg Atom Arrays”

**Merino, Zachery Dell** (Physics - Quantum Information)

“Simulated Spin Qubits in Silicon Quantum Dots and Enhancement of InGaAs Photodetectors”

**Pfeifer, Louis Joseph** (Biology)

“The Impact of Wastewater Effluent and Enantiomers of Venlafaxine on Darters (*Etheostoma* spp.) in the Grand River”

**Rinas, Karsten** (Biology)

“Comparative Effect of Herceptin and Its Biosimilar: Transcriptomic and Proteomic Insights from HER2-Positive Cancer Cell Lines”

**Shmordok, Justin** (Chemistry)

“Exploration, Synthesis, and Characterization of Bioinspired Iron-Imide and Iron-Amide Clusters”

**Swanson, Stephanie Kirsten** (Physics)

“Characterization of Prostate Tumor Spheroid Growth and Response to Treatment Using Dynamic Optical Coherence Tomography”

**Teoh, Yi Hong** (Physics)

“Autoregressive Generative Models for Many-Body Physics”

**Wong, Li Yan** (Chemistry - Nanotechnology)

“Development of Hydrophilic Silicone-Based Ink for the 3D Vat Photopolymerization Printing of Biomedical Devices”

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### MASTER OF SCIENCE

**Adolff, Julius Melchior** (Physics)

**Alonso Esteban, Angela Iria**

(Physics)

**Andress, Samuel Jacob** (Biology)

**Arayath, Athira** (Physics)

**Balaniuk, Severyn** (Physics - Quantum Information)

**Batista, Levy Bruno Do Nascimento**

(Physics)

**Chen, Simon** (Physics)

**Coletta, Genna** (Biology)

**Divi, Francisco Jose** (Physics)

**Dong, Tian** (Physics)

**Golestaneh, Sepidar** (Biology)

**Hoare, Lauren Elizabeth** (Vision Science)

**Khanam, Rahila** (Chemistry)

**Kolonia, Eleni Anna** (Physics)

**Kramarenko, Andrii** (Biology - Water)

**Kwok, Arnold Ka Chun** (Biology)

**Lam, Christina** (Earth Sciences)

**Lew-Smith, Elijah** (Physics)

**Liu, Ruolin** (Physics)

**Mann, Zachary** (Physics - Quantum Information)

**McNamara, Arianna Meenakshi** (Physics)

**Mirza, Batul Fatima** (Physics)

**Nandivada, Lalitasri Urja** (Physics)

**Nazrul, Nian Ibne** (Physics)

**Orellana, Kaidy Giselle** (Pharmacy)

**Park, Hyo Jung** (Physics)

**Pauliquevis, Matheus Balisa** (Physics)

**Pennaforti, Costanza** (Physics)

**Rajagopal, Janani Gomathi** (Physics)

**Rajalingam Kannagi, Suriyah** (Physics)

**Sanjurjo, Sergio** (Physics)

**Sinik, Alexandra** (Biology)

**Smyth, Lauren** (Physics)

**Soogrim, Noel Angie Shoam** (Biology)

**Szymanska, Emilia Anna** (Physics)

**Tathed, Gaurav Ashish** (Physics - Quantum Information)

**Tello Yepes, David Felipe** (Biology)

**Thorarinsdottir, Agla** (Physics)

**Viernes, Christian Mario** (Chemistry - Nanotechnology)

**Wang, Luohan** (Physics)

**Wang, Xinning** (Chemistry - Quantum Information)

**Wilson, Elizabeth** (Physics)

**Wu, Yuchan** (Physics)

**Xie, Han** (Physics)

**Yang, Yuqi** (Physics)

**Yin, Xitai** (Physics)  
**Yip, Emily** (Chemistry)  
**Zanatta, Corey Michael** (Earth  
Sciences)  
**Zhao, Jiahao** (Pharmacy)  
**Zikopoulos, Themistoklis** (Physics)

---

**GRADUATE CERTIFICATE**

**Syed, Ali Abid** (University Teaching)

# Undergraduate degrees

## FACULTY OF SCIENCE

### BACHELOR OF SCIENCE

#### GENERAL PROGRAM – THREE YEAR

Al-Husainawi, Fatima <sup>†</sup>  
Baine, Darren Katembeka Harry (Biology Minor)  
Bajwa, Simarleen Kaur  
Barakzai, Mohammad Suhail (Biology Minor)  
Bhuiyan, Raiyan Ahmed  
Cao, Haven Hai Feng  
Choo, Christiano <sup>†</sup>  
David, Serika Avisha  
Foster, Grace (Environment, Resources and Sustainability Minor)  
Ghulami, Adissa (Psychology Minor) \*  
Gill, Harminderjit Sunny  
Huang, Zuxi  
Kandel, Hemanta (Biology Minor) <sup>†</sup>  
Ko, Dahyun <sup>†</sup>  
Kurihara, Mina  
Lee, Amanda Frances  
Li, Wuyou  
Li, Xintong  
Lo, Alexander CL  
Morrah, Noor (Chemistry Minor) <sup>†</sup>  
Murphy, Cole Michael (Biology Minor – Chemistry Minor)  
Nguyen, Amanda  
Oghene, Eguono Justin Ogboi (Biology Minor)  
Pal, Boumkous Rik  
Qazi, Aaisha Tahir (Psychology Minor)  
Rathgeber, Ashley Joy \*  
Raveendran, Rooshnie  
Sandhu, Harleen Kaur  
Sharma, Simran Tarun  
Sofoluwe, Samuel Oluwatamilore  
Song, Haohan  
Sritharan, Jenieshaa  
Sykes, Nathan Edward (Physics Minor)  
Talwar, Navtarini

Truong, Dawn T (Biology Minor)  
Vagavolu, Siddharth  
Vellore, Manav Anand  
Vijendra, Vinushan \*  
Wilk, Matthew Edward

#### HONOURS PROGRAM

Abdel Malek, Miriam Magdy (Science)  
Abdurafikova, Ruhiya (Science)  
Abel, Nicole Chan Hui (Chemistry – Co-operative Program) <sup>†</sup>  
Adra, Ehsan (Science and Aviation) \*  
Ahmed, Manhah Fatima (Science and Business – Co-operative Program)  
Ahmed, Muhammad Ali (Science – Biology Minor)  
Aiken-Hall, Bradley Adam (Science – Anthropology Minor – Earth Sciences Minor) \*  
Alexa, Raphael Vasile (Science)  
Ali, Aleena (Science – Biology Minor)  
Ali, Sameed (Physics – Entrepreneurship Minor – Co-operative Program)  
Al-Jasim, Ghasak (Science – Bioinformatics Option)  
Angelicchio, Gianna Marie (Science)  
Asokan, Mineka (Biomedical Sciences)  
Atkinson, Chase Dakota (Science – Philosophy Minor)  
Auhamud, Muhammad Uzair (Psychology)  
Ayres, Glen William John (Science and Aviation – Earth Sciences Minor) \*  
Baboolal, Saira (Science)  
Basa, Joan Gabrielle Espiritu (Life Physics – Medical Physics Specialization – Cognitive Science Minor – Co-operative Program) <sup>†</sup>  
Bedi, Kirandeep Kaur (Science – Biology Minor – Psychology Minor)  
Benghea-Ziegler, Carra (Biomedical Sciences)  
Bhat, Anitha (Biomedical Sciences – Psychology Minor)  
Bickers, Olivia Rose (Science – Psychology Minor)

Blackburn-Hum, Noah Jonathan (Biological and Medical Physics – Co-operative Program)

Bray, Adelaide Kaede Jukes (Science and Business/ Biotechnology – Co-operative Program) \*

Bui, Minh Nguyen Nhat (Environmental Sciences/ Ecology – Co-operative Program)

Cana, Delia-Maria (Mathematical Physics – Co-operative Program)

Cao, Ke Ying (Science)

Chan, Wing Sze (Chemistry/ Computational Specialization)

Chen, Deji (Physics)

Cherkashyna, Yevanhelina (Biochemistry/ Biotechnology Specialization – Co-operative Program)

Clemente, Isabella Dulce (Biology – Animal Biology Specialization – Co-operative Program)

Ćubelić, Viktoria Ana (Science)

Currie, Graeme Robert (Science – Biology Minor)

Daryani, Sanya Raju (Science – Management Studies Minor – Biology Minor)

Deng, Weiwei (Physics) <sup>†</sup>

Do, Patrick Hoang Khoi (Biochemistry – Co-operative Program) <sup>†</sup>

Donauer, Nicholas Robert (Science) <sup>†</sup>

Durna, Betul Rana (Science – Biology Minor)

Easson, Jacquelyn Alexine (Biochemistry – Co-operative Program)

El Maimani, Salma (Physics and Astronomy – French Minor) \*

Fahmy, Yara Waleed (Science)

Fajardo, Kate (Biomedical Sciences)

Falconer, Trent Alexander (Science and Aviation – Physics Minor) \*

Feng, Andrew Hao (Life Physics – Medical Physics Specialization – Legal Studies Minor – Co-operative Program)

Ferraro, Alyssa Marie (Biomedical Sciences) \*

\* – Distinction

<sup>†</sup> – Dean's Honours

<b>Fiaani, Talia Dina</b> (Science – Biology Minor) <sup>†</sup>	<b>Kim, Richard</b> (Biology – Co-operative Program)	<b>Patel, Helly Chetankumar</b> (Biomedical Sciences)
<b>Fisher, Kateri Rose</b> (Science)	<b>Kumar, Lishika</b> (Biomedical Sciences – Medical Physiology Minor)	<b>Patel, Kaival</b> (Science – Biology Minor)
<b>Fletcher, Janine Elizabeth</b> (Science)	<b>Lam, Cheuk Sze Tracy</b> (Science)	<b>Patterson, Maverick Reiner John</b> (Science) *
<b>Frona, Mekai Ace Bejar</b> (Biomedical Sciences – Medical Physiology Minor)	<b>Li, Yu Xuan</b> (Medicinal Chemistry – Co-operative Program)	<b>Pawar, Dev Pralhad</b> (Science and Business)
<b>Gill, Eakumjot Singh</b> (Science – Biology Minor)	<b>Liu, Yuxuan</b> (Science)	<b>Perez, Bastian Andres</b> (Science)
<b>Glipo, Marc Angelo Ballares</b> (Science)	<b>Long, Taliesan Jae Tiberius</b> (Materials and Nanosciences – Co-operative Program)	<b>Phan, Theresa Minhnh</b> (Science – Biology Minor)
<b>Gluszczak, Katrina Natalka</b> (Science – Biochemistry Minor) *	<b>Lu, Jasmine Daphne</b> (Science)	<b>Pitchford, Jaden Gregory</b> (Physics and Astronomy) *
<b>Godin, Ryan Leonard</b> (Physics – Astrophysics Minor – Co-operative Program)	<b>Luba, Michael Anthony</b> (Science)	<b>Pittman, Hannah Marie</b> (Biology – Psychology Minor)
<b>Gowlett, Mackenzie Lynne</b> (Science)	<b>Ly, Crystal</b> (Science – Biology Minor)	<b>Purani, Keya</b> (Physics and Astronomy – Co-operative Program)
<b>Granger, Hailey Elizabeth</b> (Science)	<b>MacDonald, Victoria Anne</b> (Science)	<b>Rabu, Milena</b> (Biochemistry – Co-operative Program) <sup>†</sup>
<b>Greeley, Mitchell Stanley Douglas</b> (Science – Earth Sciences Minor)	<b>MacNeil, Kaitlin Elizabeth</b> (Science)	<b>Ralhan, Lakshay</b> (Physics)
<b>Habib, Mina</b> (Science)	<b>Mader-Koivula, Kole Ville</b> (Science – Geography and Environmental Management Minor – Earth Sciences Minor)	<b>Randmaa, Ryan Andres</b> (Physics and Astronomy – Co-operative Program)
<b>Harper, Emily Elsa Laura</b> (Science)	<b>Manota, Maxine Kailash</b> (Science – Biology Minor)	<b>Ranganathan, Nithushan</b> (Science – Biology Minor)
<b>Homm, Max Christian</b> (Biology – Computing Minor – Co-operative Program) <sup>†</sup>	<b>Mantrawadi, Ashitha</b> (Science – Joint Honours Psychology)	<b>Rashid, Labina</b> (Biology – Co-operative Program)
<b>Hou, Di</b> (Physics)	<b>Mar, Kelsey Chia-Wei</b> (Science)	<b>Ricciuto, Sydney May</b> (Science)
<b>Hsieh, Roy</b> (Biomedical Sciences) *	<b>Mateescu, Dan</b> (Biochemistry – Co-operative Program) *	<b>Robertson, Ruby Gail</b> (Science)
<b>Hu, Qiongshuang</b> (Environmental Sciences/Geoscience Specialization)	<b>Matesa, Zvonimir Zdravko</b> (Science)	<b>Rodrigues, Mark Anthony</b> (Biomedical Sciences – Medical Physiology Minor)
<b>Hui, Brian</b> (Science)	<b>Mathivathanan, Sephora Tiffany</b> (Biomedical Sciences – Neuroscience Minor)	<b>Rosol, Anna Paracuelles</b> (Science and Aviation – Biology Minor)
<b>Huleatt, Alyssa Ann</b> (Science)	<b>Mazzaferro, Alysa Grace Morgado</b> (Earth Sciences/Geophysics Specialization – Co-operative Program)	<b>Ruetz, Ashley Anne</b> (Science)
<b>Hum, Evan Gregory</b> (Science and Business)	<b>McParland, Aidan Michael</b> (Science – Biology Minor)	<b>Salb, Jordan Victoria</b> (Science)
<b>Iqbal, Musab Saleem</b> (Science)	<b>Melek, Erin Andrea</b> (Science)	<b>Sandhu, Jogeshwar</b> (Physics and Astronomy – Co-operative Program)
<b>Irias Arita, Ana Marcela</b> (Psychology – German Minor)	<b>Messak, Karen Ayman</b> (Science)	<b>Scarfo, Maria Tina</b> (Science)
<b>Ituah, David Odianoson</b> (Science)	<b>Moksud, Ayyad Wadud</b> (Science and Business – Co-operative Program)	<b>Schneider-Yamamura, Kira-Nicole</b> (Science)
<b>Jawanda, Hazara Singh</b> (Science – Biology Minor)	<b>Mulvihill, Tristan Grace</b> (Science)	<b>Selvendran, Vithuja</b> (Science and Business – Biology Minor – Co-operative Program) <sup>†</sup>
<b>Ju, Yucheng</b> (Physics) *	<b>Munjal, Raunak</b> (Biomedical Sciences – Bioinformatics Option)	<b>Semenenko, Matvey</b> (Science and Aviation – Chemistry Minor)
<b>Kamran, Arsh</b> (Physics – Applied Mathematics Minor)	<b>Nagarwala, Zal</b> (Science – Biology Minor)	<b>Sethi, Sonia</b> (Science)
<b>Kan, Hayden Chit Ping</b> (Science and Business/Biology – Economics Minor – Co-operative Program)	<b>Nasif, Maria</b> (Science)	<b>Shafiq, Saniha</b> (Science)
<b>Kanorwalla, Arman Zoeb</b> (Environmental Sciences/Geoscience Specialization – Co-operative Program)	<b>Niu, Jiansu</b> (Materials and Nanosciences) *	<b>Shah, Shubham</b> (Science – Biology Minor)
<b>Kapoor, Supreet Kaur</b> (Science)	<b>North, Tessa Elizabeth</b> (Biochemistry – Co-operative Program) *	<b>Sharma, Manisha</b> (Science) *
<b>Karimi, Sara</b> (Science – Biology Minor)	<b>Papp, Shelby Elizabeth</b> (Biochemistry – Co-operative Program) <sup>†</sup>	<b>Sharow, Anna Lydia</b> (Science)
<b>Kaur, Bisman</b> (Science and Business – Co-operative Program) *		<b>Sinclair, McKenzie May</b> (Psychology)
<b>Khan, Mahin</b> (Science)		<b>So, Madeleine Claire</b> (Science – Management Studies Minor)

\* – Distinction

<sup>†</sup> – Dean's Honours

**Sobczak, Veronica Emily** (Science)

**Soryal, Mariam** (Science)

**Souvalian, Mhair** (Biochemistry/  
Biotechnology Specialization)

**Spiegelman, Spencer Maxwell**  
(Chemistry/Computational  
Specialization)

**Stephenous, Kirillos Raafat Kamal**  
(Science)

**Szadna, Nicola** (Biochemistry –  
Cell and Molecular Biology Option –  
Co-operative Program) \*

**Talukdar, Quinn** (Chemistry –  
Co-operative Program)

**Tam, Crystal Carmen** (Science –  
Biology Minor – Environment,  
Resources and Sustainability Minor)

**Tan, Isabella** (Biology –  
Environmental Biology  
Specialization – Co-operative  
Program)

**Tang, Tina** (Materials and  
Nanosciences – Co-operative  
Program) \*

**Tasneem, Zarin** (Physics –  
Philosophy Minor – Co-operative  
Program) \*

**Taylor, Meagan Elizabeth** (Science)

**Thibble, Joanna Ruth** (Science –  
Biology Minor – Psychology Minor)

**Tompkins, Patrick Keith** (Biomedical  
Sciences – Medical Physiology  
Minor)

**Tran, Genevieve Phuong** (Biology –  
Chemistry Minor – Co-operative  
Program) †

**Tsang, Jason Kim Lung** (Science)

**Tse, Chi Ching Jacqueline** (Biology)

**Tse, Esmond Cheuk Hei** (Chemistry –  
Co-operative Program)

**Ubhi, Arshdeep** (Science and  
Business – Biology Minor –  
Co-operative Program)

**Ursu, Teodor** (Biology – Co-operative  
Program)

**Velickovska, Iskra** (Science and  
Business – Co-operative Program)

**Wahid, Aleena** (Science)

**Wang, Jiaqi** (Physics)

**Warren, Megan Marisa** (Biomedical  
Sciences) \*

**Wasfy, Maria Paulina** (Science)

**Willsher, Noah Anthony**  
(Mathematical Physics –  
Co-operative Program)

**Wong, Kiana** (Science)

**Wong, Sze Hon** (Biochemistry/  
Biotechnology Specialization –  
Co-operative Program)

**Zaki, Asir Inkiad-Al** (Physics and  
Astronomy – Co-operative Program)

**Zhou, Justin** (Science and Business)

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## DOCTOR OF OPTOMETRY

Lam, Cheuk Sze Tracy \*

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## DOCTOR OF PHARMACY

### CO-OPERATIVE PROGRAM

Abdel Malek, Miriam Magdy

Abdurafikova, Ruhiya

Alam, Farah

Alexa, Raphael Vasile \*

Ali, Laith

Al-Lahham, Zaid Adel \*

Angelicchio, Gianna Marie \*

Atta Alla, Ann †

Babakhani, Kiarokh †

Baboolal, Saira

Baratta, Julio †

Bassi, Robyn

Bohun, Skyler Alexis \*

Cao, Ke Ying

Chalhoub, Daniella †

Choukeir, Zoya †

Chow, Benjamin Joseph Hong

Cochrane, Kaitlyn Miriah †

Csiba, David \*

Čubelić, Viktoria Ana †

deLeeuw, Sarah Michelle \*

Delsouzi, Ali †

Dev, Jasleen Kaur †

Dunn, Katie Elizabeth †

El-Dassouki, Nasab \*

Eubion, Denisse Stephanie

Facey, Amanda Anna-Kay †

Fahmi, Ishrat Rahman \*

Fahmy, Marehan Adel

Fisher, Kateri Rose †

Fletcher, Janine Elizabeth \*

Glipo, Marc Angelo Ballares

Gowlett, Mackenzie Lynne †

Granger, Hailey Elizabeth †

Gudmundson, Aidan Petur Allyn †

Habib, Mina

Haftbaradaran, Niloufar \*

Harper, Emily Elsa Laura

Hassan, Ayah \*

Huang, Cancan

Hui, Brian

Huleatt, Alyssa Ann \*

Huynh, Justin Ly

Iqbal, Musab Saleem

Jaigobin, Drisana Sasha

Kako, Amanda A

Kalogeris, Christopher

Kapoor, Supreet Kaur

Karzai, Mariah †

Kim, Chan Young

Klingbeil, Paige Nicole \*

Kwong, Megan Lok Lam †

Lavallée, Carolyne Rachel Marie †

Legesse, Sosená

Li, Marco

Lin, Wendi

Liu, Yuxuan

Logan, Emily Lee

Lu, Jasmine Daphne \*

Luba, Michael Anthony

Ma, Michelle Jing †

MacDonald, Victoria Anne

MacNeil, Kaitlin Elizabeth

MacNeil, Mary Christine

Mar, Kelsey Chia-Wei

Melek, Erin Andrea \*

Messak, Karen Ayman

Miller, Matthew Nicholas \*

Mohamed, Ikrán Abdulkadir †

Mohammadi, Aram

Mulvihill, Tristan Grace

Nasif, Maria

Nguyen, Vi Ngoc

Nguyen, Victoria Thanh Phuong †

Panicker, Raymond Jude

Papadedes, Dimitri Willard \*

Park, Shihyun

Patel, Trusha

Pham, Valentina My Uyen †

Philbrook, Caitlin Elizabeth \*

Piazza, Sabrina Melissa \*

Ricciuto, Sydney May

Rilley, April Jeannette †

Roma, Jillian Wendy Marie

Ropp, Kristin Brianna †

Ruetz, Ashley Anne

Saboni, Pantea †

Sadeghi-Emamchaie, Homa \*

Saggi, Jaskaranjit Singh

Salb, Jordan Victoria †

Scarfo, Maria Tina †

Schneider-Yamamura, Kira-Nicole

Sethi, Sonia

Shantz, Rachel Waverly \*

Sharow, Anna Lydia †

Shokoya, Rahima \*

Smith, Clairisse Nicole \*

So, Kingson Gideon

Sobczak, Veronica Emily †

Soryal, Mariam \*

Stephenous, Kirillos Raafat Kamal

Sundstrom, Bethany Rachel †

Taylor, Meagan Elizabeth \*

Thomas, Alina Mary \*

Tsang, Jason Kim Lung

Van Drunen-LaChanse, Cassandra  
Patricia \*

Wasfy, Maria Paulina

Winn, Karlee Jade \*

Wong, Kiana

Wong, Wilfrid Hoi Fai \*

Yeung, Justina Kar-Kay \*

Yurchuk, Marcus Andrew

Zammar, Maria †

Zeng, Long

Zhao, Lindsay \*

\* – Distinction

† – Dean's Honours



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**DIPLOMA IN GERMAN LANGUAGE**

Sritharan, Jenieshaa

---

**DIPLOMA IN JAPANESE LANGUAGE II**

Lam, Cheuk Sze Tracy

---

**DIPLOMA IN SPANISH LANGUAGE I**

So, Madeleine Claire

---

**CERTIFICATE IN CO-OPERATIVE  
EDUCATION IN RESEARCH**

Tran, Genevie Phuong

---

**CERTIFICATE IN  
EXPERIENTIAL EDUCATION**

Karimi, Sara  
So, Madeleine Claire

# Outstanding achievements

FACULTY OF SCIENCE

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**MEDALS AND AWARDS**

FINALIST FOR THE  
UNIVERSITY OF WATERLOO  
ALUMNI GOLD MEDAL

**Doctoral**  
Irina Bukhteeva

# Waterloo brings home the gold

*Alumni Gold Medal recipients share in the pursuit of discovery, so we created a lasting symbol to honour their achievements.*

Since 1970, Alumni Gold Medals have graced the convocation gowns of our top undergraduate and graduate students. The Royal Canadian Mint produced these medals in the past – but in the true spirit of Waterloo, we’ve decided to make them ourselves.

Carefully crafted on campus in state-of-the-art labs, each medal is created out of nickel superalloy using a 3D printer. The surface is finished by hand to produce a brilliant shine. Through the process of electroplating, the medal is then coated in 24-carat gold. The result is a tribute to Waterloo’s most accomplished graduates, made for each proud recipient by members of the University community.



GO INSIDE THE LAB AT  
[uwaterloo.ca/alumni/alumni-gold-medals](https://uwaterloo.ca/alumni/alumni-gold-medals)

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**CONGRATULATIONS TO THIS YEAR’S ALUMNI GOLD MEDAL RECIPIENTS.  
YOU HAVE MUCH TO CELEBRATE, AND EVEN MORE TO ANTICIPATE  
IN YOUR FUTURE AS UNIVERSITY OF WATERLOO ALUMNI.**

# *Our tradition of regalia*

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## **THE GOWN**

At the University of Waterloo, as at most universities, academic robes are worn only on these special occasions. In the Middle Ages, robes were everyday clothing, and some students were so poor they had nothing else to wear. The black wrapper now called a “gown” served them as jacket, coat and sometimes bedclothes. Stone college buildings of the Middle Ages were unheated and the colourful “hood” could be pulled up to help keep out the cold wind. Today, the officers of the University, faculty members and graduating students all wear garments that are symbolic, not functional.

The scholars and students in long-ago universities were generally monks and other members of church orders. Over time, their vestments came to identify their universities. There are many variations, and the exact hood, gown or hat worn by an individual are determined by the university where they qualified. The array of colours and styles demonstrates the worldwide range of universities from which Waterloo’s faculty have come.

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## **THE HOOD**

Hoods are unique in design and colour to each degree and each university. The academic dress chosen for Waterloo is patterned after that of Oxford, the world’s oldest English-speaking university. The chief officers on the convocation platform – the chancellor (the ceremonial head of the University) and the president (who is also vice-chancellor) – wear gowns of the Oxford cut and trim, each with its own distinctive colour. The gowns worn by recipients of honorary degrees have the same design, as do the black gowns worn by candidates for regular degrees, and the red-and-green gowns which are Waterloo’s regalia for Doctor of Philosophy degrees.



The ritual at convocation reflects the old custom that anyone in a university could wear a gown, but a hood was the symbol for a degree.

# Academic dress

## BACHELOR'S

 Bachelor of Accounting and Financial Management	 Bachelor of Applied Science	 Bachelor of Architectural Studies	 Bachelor of Arts	 Bachelor of Computer Science	 Bachelor of Computing and Financial Management	 Bachelor of Environmental Studies	 Bachelor of Global Business and Digital Arts
 Bachelor of Knowledge Integration	 Bachelor of Mathematics	 Bachelor of Public Health	 Bachelor of Science	 Bachelor of Social Work	 Bachelor of Software Engineering	 Bachelor of Sustainability and Financial Management	

## PROFESSIONAL DOCTORATE

 Doctor of Optometry	 Doctor of Pharmacy
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## MASTER'S

 Master of Accounting	 Master of Actuarial Science	 Master of Applied Science	 Master of Architecture	 Master of Arts	 Master of Business, Entrepreneurship and Technology	 Master of Catholic Thought	 Master of Climate Change
 Master of Data Science and Artificial Intelligence	 Master of Development Practice	 Master of Digital Experience Innovation	 Master of Economic Development and Innovation	 Master of Engineering	 Master of Environment and Business	 Master of Environmental Studies	 Master of Fine Arts
 Master of Future Cities	 Master of Health Evaluation	 Master of Health Informatics	 Master of Kinesiology	 Master of Management Sciences	 Master of Mathematics	 Master of Mathematics for Teachers	 Master of Peace and Conflict Studies
 Master of Pharmacy	 Master of Planning	 Master of Public Health	 Master of Public Service	 Master of Quantitative Finance	 Master of Science	 Master of Social Work	 Master of Taxation
 Master of Theological Studies							

## DOCTORAL

 Doctor of Philosophy
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## HONORARY DOCTORATE

 Doctor of Divinity	 Doctor of Engineering	 Doctor of Environmental Studies	 Doctor of Laws	 Doctor of Letters	 Doctor of Mathematics	 Doctor of Science
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# CONVOGATION



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[#uwaterloograd](https://twitter.com/uwaterloograd)