



ONE HUNDRED AND TWENTY-SIXTH CONVOCATION

CONVOCATION

WEDNESDAY
JUNE
14
2023

FACULTY OF MATHEMATICS

Convocation Ceremony

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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Message from the Chancellor

Welcome graduands, family members, and friends to the Spring 2023 convocation.

As Chancellor of the University of Waterloo, it is my honour to preside over this ceremony.

Today, we welcome representatives from our community including faculty, staff and alumni to share in and celebrate these achievements.

Convocation marks the growth of the University of Waterloo family with all of our graduates as its newest alumni members. Since the institution's inception in 1957, we have conferred nearly 242,000 degrees and certificates. Our alumni community extends to over 150 countries, and offers a network regardless of where the future takes our graduates.

The University of Waterloo is driven by a desire to uncover innovation through creativity. We are an institution founded in extraordinary times, and as a result generates extraordinary leaders.

When I look across our campuses and beyond, I see impactful innovations coming to fruition. Examples include using quantum to improve MRI capabilities, finding new methods to combat the spread of misinformation and integrating AI more seamlessly into a variety of applications – all three examples are gaining momentum because of the work being done at Waterloo.

We are a community of innovative leaders who seek out ways to solve the big problems of our time, from solar geo-engineering that mitigates global warming to miniature diabetes monitors that can detect glucose. What can't be lost is the breadth of

knowledge and imagination within our community. From best-selling poets to NASA researchers and venture capitalists, Olympians to CEOs of multi-national corporations and leading environmentalists, we are providing the world with more Waterloo, and it is making the world a better place.

Profound disruptions persist globally – economic, technological, political, and social. This creates challenges, but also opportunities like we've never seen before. The world needs our graduates to harness all their experiences to lead and shape the future. The exceptional knowledge and creativity they have honed at the University of Waterloo has prepared all of them to be the leaders the world needs.

As our graduates cross the stage, they will bear the privilege and responsibility of bringing the spirit and values of this distinguished institution with them, wherever their lives may lead. They now have an opportunity to shape a better, more equitable world through their careers and community involvement.

Congratulations to all of our graduates and thank you for continuing the Waterloo tradition of excellence.



DOMINIC BARTON
Chancellor

“FROM BEST-SELLING POETS TO NASA RESEARCHERS AND VENTURE CAPITALISTS, OLYMPIANS TO CEOs OF MULTI-NATIONAL CORPORATIONS AND LEADING ENVIRONMENTALISTS, WE ARE PROVIDING THE WORLD WITH MORE WATERLOO, AND IT IS MAKING THE WORLD A BETTER PLACE.”

Message from the President and Vice-Chancellor

Congratulations to the Class of 2023.

We are thrilled to welcome our graduates and their family, friends and supporters to celebrate this momentous occasion.

Today's ceremony recognizes the hard work and perseverance students demonstrated during their time at the University of Waterloo. The experience at Waterloo is more than the knowledge gained in the classroom or library or the research undertaken in a lab. It is about the relationships and networks forged during each student's time here. Our institution's rich history and the success of our alumni is rooted in community. As graduates transition from student to alumni, I hope each will continue to stay connected to the Waterloo community.

For the family, friends, and supporters of our graduates, thank you. Thank you for being there for our students, for supporting them and encouraging their success. And thank you for being here today – this ceremony is more meaningful as a result of everyone's participation.

At the University of Waterloo, we pride ourselves on identifying and solving big, complex challenges facing our world. This happens not only on our campuses, but across the globe through our network of alumni. As the world continues to face multiple major crises that cut across society, health, the environment, technology and the economy, each new graduate is among the future leaders and change-makers

who can help address these challenges and build a better future for humanity and our planet.

Waterloo graduates are known for integrating knowledge and problem-solving across disciplines. I look forward to hearing about the passions, the innovations and impact our graduates will have on their communities.

We all have an opportunity, and a responsibility, to positively impact those around us. Let's all work together to help shape the world for the better.

On behalf of the University of Waterloo, I wish you the best of luck in the journey ahead.



Vivek Goel

VIVEK GOEL

CM

President and Vice-Chancellor

**“AS YOU BEGIN THE NEXT CHAPTER OF YOUR JOURNEY,
I ENCOURAGE YOU TO THINK UNCONVENTIONALLY.”**

Message from the Alumni Council Chair

Congratulations Class of 2023!

On behalf of the University of Waterloo Alumni Council and your fellow alumni, congratulations on the successful completion of your degree. You demonstrated hard work, dedication and resilience. We are proud of you and delighted to welcome you as the newest members of our community.

Graduation is a significant milestone for you both personally and professionally. I encourage you to celebrate your achievement and take time to appreciate the people in your life that helped you along the way – your family, friends, classmates, and teachers.

As you look ahead to the next phase of your life, I'm confident that your time at Waterloo has prepared you well. You have the expertise, creativity and resourcefulness to tackle whatever problem you choose.

Welcome to a network of more than 242,000 alumni, connected by their experiences at Waterloo.

Throughout your career, I encourage you to stay connected to your alumni community. There are more than 242,000 of us and we are here to support you as you work towards your goals. You can contact Waterloo alumni from anywhere in the world – through our Global Ambassadors, Alumni Chapters and online groups.

I also hope you will join me in sharing your time, knowledge and passion with the University. It is rewarding to volunteer with other talented alumni and your unique perspective can benefit future graduates more than you know.

Congratulations once again on your graduation. You have much to be proud of and a very bright future ahead of you!

I wish you all the best.



A handwritten signature in black ink that reads "Diana Vangelisti".

DIANA VANGELISTI

BES '84 MA '89

Chair, University of Waterloo Alumni Council

**“THERE ARE MORE THAN 242,000 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 the 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

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 chief language of higher education) is a calling together of new graduates to receive the symbols of their accomplishment, and a calling together of the older members of the university to be witnesses and join in the celebration.

CONNECTING WITH TRADITION

At Waterloo's first convocation in June 1960, the guest speaker was James J. Talman of the University of Western Ontario, 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."

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.

THE MACE

This 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 as well of 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.

THE COAT OF ARMS AND MOTTO

The lions and chevrons also appear on the shield that is the University's coat of arms and that 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."

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: the faculties of 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.

A new tradition

EAGLE STAFF

On September 22, 2022, the University of Waterloo held a Commitment Ceremony pledging action towards decolonization, Indigenization and reconciliation. The University is committed to fostering better understanding of Indigenous histories and ensuring Indigenous knowledges and ways of knowing are represented in our scholarship, in our research and in our teachings. Weaving in the knowledges, ways of knowing, and understandings of First Nation, 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 President and Vice-Chancellor, Vivek Goel, was given the name “Ogiima” (meaning leader) and presented with gifts of an eagle feather and two Wampum belts.

Building on the desire and responsibility to incorporate Indigenous perspectives, the University of Waterloo community came together for a ceremony on March 27, 2023, to welcome an Eagle Staff to the University.

An Eagle Staff is an important element of the Indigenous relationship to Earth and those that have protected it. It reflects the wisdom, strength and honour of those that carry it in representing different Nations across Turtle Island. By welcoming the Eagle Staff, the University acknowledges the responsibility to recognize, accept and incorporate Indigenous perspectives in the ways we teach, govern and behave as an institution. The Eagle Staff will be present at future Waterloo ceremonies and celebrations and will have a prominent place in convocation ceremonies.

The Eagle Staff honours the University’s First Nations, Métis and Inuit community members, as well as their traditions, cultures and strengths. It is a sacred item that holds a spirit within itself that is cared for by the Indigenous campus community, and that care is reciprocated by the Eagle Staff.

Waterloo Region is situated on territory traditionally shared by Anishinaabeg, Neutral (or Attawandaron), and Haudenosaunee Nations. Though many nations, including the Anishinaabeg, involve an Eagle Staff in their traditions and practices, we respectfully acknowledge that this is not the practice of all nations. With gratitude, we honour and celebrate the unique traditions of all First Nations, Métis and Inuit people, and look forward to reflecting this diversity in spirit and custom as we move forward on this path of decolonization, Indigenization, and reconciliation.



**“THE STAFF WILL SERVE AS AN IMPORTANT SYMBOL AND REMINDER OF THE
COMMITMENT WE MADE TO RECONCILIATION AND SERVE 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.



TREVOR HASTIE

PhD

Doctor of Mathematics, *honoris causa*

WEDNESDAY, JUNE 14 / AFTERNOON CEREMONY

Dr. Trevor Hastie is John A. Overdeck Professor of Mathematical Sciences at Stanford University and a member of the United States National Academy of Sciences. He has made seminal contributions to statistical computing, modelling, and machine learning, with over 200 research articles and six books. He helped develop the statistical modelling environment behind the R computing system that we all use today, invented or co-invented many important tools in modern statistics, and authored numerous highly-acclaimed statistical software. Having guided several generations of statisticians and data scientists with his work, Hastie is one of the most influential statisticians of our time.



ARLIE PETERS

PhD, Provost

Doctor of Mathematics, *honoris causa*

WEDNESDAY, JUNE 14 / EVENING CEREMONY

Dr. Arlie Petters received his PhD in mathematics from MIT in 1991. At Duke University (1998 to 2019), he was the Benjamin Powell Professor of Mathematics and a professor of Physics, Economics and Business. Since 2020, he has served as the provost at New York University Abu Dhabi. His outstanding scholarship resulted in numerous honours, including the inaugural Blackwell-Tapia Prize (2002). Petters was selected by the National Academy of Sciences to be part of a permanent Portrait Collection of Outstanding African Americans in Science, Engineering, and Medicine (2006), and named by the Queen of England to membership in the Most Excellent Order of the British Empire (2008).



SEANA BRIDGET MCKENNA

Doctor of Letters, *honoris causa*

THURSDAY, JUNE 15 / MORNING CEREMONY

Seana McKenna is a Canadian artist and director in theatre, television, and film. She has been a member of the Stratford Festival for 30 seasons, performing in over 50 roles. McKenna is a Member of the Order of Canada and is the recipient of three Dora Awards, a Jessie Award, and a Genie Award. McKenna shows great versatility in her roles and has challenged conventional Shakespearean theatre norms as one of only a few female performers to take on the roles of Richard III, Lear, and Julius Caesar. She has also received the Tyrone Guthrie Award in recognition of her contributions to mentorship.



JOHN BORROWS

BA, MA, JD, LL.M, PhD, LLD, DHL

Doctor of Letters, *honoris causa*

THURSDAY, JUNE 15 / AFTERNOON CEREMONY

Dr. John Borrows is a member of the Chippewas of Nawash First Nation in Ontario and is professor and Loveland Chair of Indigenous Law at the University of Toronto. He is an internationally recognized scholar of Indigenous legal rights. Borrows is an Officer of the Order of Canada. He is also a Fellow of the Royal Society of Canada, a Trudeau Fellow, and a Killam Prize and Molson Prize recipient. He received the Indigenous Peoples Counsel designation from the Indigenous Bar Association for honour and integrity in service to Indigenous peoples, the National Aboriginal Achievement Award in Law and Justice, and the Governor General's Innovation Award.

DEBRA PEPLER

OC, PhD, C, Psych

Doctor of Letters, *honoris causa*

THURSDAY, JUNE 15 / EVENING CEREMONY



Dr. Debra Pepler received her PhD in Psychology from the University of Waterloo and is a registered psychologist in Ontario. She is a Distinguished Research Professor in the Department of Psychology at York University and a Senior Adjunct Scientist at the Hospital for Sick Children. As a clinical and research psychologist, she has contributed to psychology through her groundbreaking work in bullying, aggression, and other forms of violence experienced by marginalized youth. Her work has changed how professionals understand the frequency, intensity, and impacts of children's experiences of aggression and violence, helping to shape and inform Canadian public policy on violence reduction within schools.

YANXIN WANG

PhD, CAS Fellow, IAGC Fellow

Doctor of Science, *honoris causa*

FRIDAY, JUNE 16 / MORNING CEREMONY



Dr. Yanxin Wang is professor of Hydrogeology and Environmental Engineering at the China University of Geosciences (CUG) in Wuhan. He is also the president of CUG and head of the State Key Laboratory of Biogeology and Environmental Geology. Wang's research has produced major advances in understanding of the sources, fate, and transport of contaminants in groundwater systems. Wang spearheaded the development of innovative remediation and management strategies that protect millions of people from contaminated drinking water. Under Wang's visionary and effective leadership, CUG has become one of China's top institutions in science and technology.

MARK WILLCOX

BSc, PhD, DSc

Doctor of Science, *honoris causa*

FRIDAY, JUNE 16 / AFTERNOON CEREMONY



Dr. Mark Willcox is a medical microbiologist and Professor in the School of Optometry and Vision Science at UNSW, Sydney, Australia. His laboratory focuses on understanding the etiology of adverse events and comfort during contact lens wear. His research includes examining mechanisms of adhesion of ocular microbes and the development of novel antimicrobial surfaces. He also studies tear film proteomics and lipidomics, their relationship to contact lens comfort and how tears may serve as biomarkers for diabetes and cancer. Recent awards include the Korb Award from the American Optometric Association (2020) and the Barry Collin Medal from Optometry Australia (2017).

CRISTINA AMON

BASc, MASc, PhD, DSc,

Order of Canada, FRSC, CAE

Doctor of Engineering, *honoris causa*

FRIDAY, JUNE 16 / EVENING CEREMONY



Dr. Cristina Amon is the Distinguished Alumni Professor and former dean at the University of Toronto's Faculty of Applied Science & Engineering. Under her visionary leadership, University of Toronto's engineering program has become a global hub for interdisciplinary research and education and a shining example of diversity and inclusion for women, People of Colour and Indigenous peoples in the engineering profession. She has been elected a fellow or honorary member of all major professional societies in her field. A pioneer in computational fluid dynamics for thermal designs subject to multidisciplinary constraints, Amon's research is in thermal transport in nanoscale semiconductors, energy systems, EV batteries and biomedical devices.

ROLA DAGHER

Doctor of Engineering, *honoris causa*

SATURDAY, JUNE 17 / MORNING CEREMONY



Rola Dagher, a leading figure in the Canadian technology sector, has made it her mission to empower those around her. Immigrating to Canada from war-torn Lebanon with an infant in the 1990s, Dagher worked as a retail sales clerk before becoming the president of Cisco Systems Canada and currently as Dell Technologies' global channel chief. Rola sees diversity as the foundation for building a high-performance workforce and is a vanguard of inclusive excellence. Dagher has been named a WXN Top 100 Most Powerful Women in Canada, the Women in Communications and Technology (WCT) Woman of the Year and is an RBC Top 25 Canadian Immigrant Award winner.

JOHN BUZACOTT

BSc, BE, MSc, PhD, DHC

Doctor of Engineering, *honoris causa*

SATURDAY, JUNE 17 / EVENING CEREMONY



Dr. John Buzacott, a former management sciences engineering professor, is a pioneering figure in production and operations management. Buzacott's work in developing a unified framework and rigorous scientific foundation of the approaches currently used in the design, planning and control of manufacturing and service systems has inspired scholars worldwide. His innovative use of stochastic models to explain many phenomena occurring in manufacturing and service organizations has also distinguished him as an exceptional researcher and educator. As a founding member of the Waterloo Management of Integrated Manufacturing Systems research group at the University of Waterloo, his contributions to manufacturing analysis and modelling work continues to be globally recognized.

Distinguished Professors Emeriti

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.



KENNETH R. DAVIDSON

University Professor, PhD, FRSC, FIF, CMSF

Department of Pure Mathematics

WEDNESDAY, JUNE 14 / EVENING CEREMONY

Dr. Kenneth R. Davidson is one of the most accomplished mathematicians in Canada. After completing his undergraduate degree at Waterloo and his PhD at Berkeley, he spent two years as a Moore Instructor at MIT before returning to Waterloo as faculty in 1978. He has been awarded a substantial proportion of the research prizes available to Canadian mathematicians, beginning with the Israel Halperin Prize in Operator Algebras in 1985. This was followed by an E.W.R. Steacie Fellowship in 1988 and a Killam Research Fellowship in 1995. In 2014 he received the David Borwein Distinguished Career Award from the Canadian Mathematical Society for his “exceptional, broad, and continued contributions to Canadian mathematics.” He has been a Fellow of the Royal Society of Canada since 1992, a Fields Institute Fellow since 2006 and a Canadian Mathematical Society Fellow since 2018. Davidson is also a highly esteemed instructor and supervisor of 18 Master’s and 14 PhD students.



JOANNE WOOD

University Professor, PhD

Department of Psychology

THURSDAY, JUNE 15 / AFTERNOON CEREMONY

Dr. Joanne Wood retired as professor from the Department of Psychology after 33 years of service. Wood is recognized as one of the foremost experts in the world for understanding how personality influences relationships – particularly how self-esteem and agreeableness in one partner affect interpersonal interactions and relationship quality. She is also an expert on self-disclosure. In recognition of her work, she has received the Faculty of Arts Award for Excellence in Research and two University of Waterloo Outstanding Performance Awards. She is a Fellow of the Association for Psychological Science, the American Psychological Association – Division 8, and the Society for Personality and Social Psychology.



LORNE L. DAWSON

BA, MA, PhD

Department of Religious Studies,
Sociology and Legal Studies

THURSDAY, JUNE 15 / AFTERNOON CEREMONY

Dr. Lorne Dawson retired as professor from the departments of Religious Studies as well as Sociology and Legal Studies. During his tenure at Waterloo, he served as Chair for each department. Dawson is a Research Fellow at the Balsillie School of International Affairs and a Senior Associate at the Munk School of Global Affairs and Public Policy (University of Toronto). He is best known for his contributions to the fields of sociology of religion, and more recently, for his work on terrorism and the process of radicalization that leads to violence. In 2012, he co-founded the Canadian Network for Research on Terrorism, Security, and Society, funded by SSHRC and several government agencies.

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.

TERRY STEWART

BA, MA

Information Systems and Technology

TUESDAY, JUNE 13 / MORNING CEREMONY



Terry Stewart's involvement with the University of Waterloo spanned nearly 50 years. He completed BA and MA degrees in Recreation and Leisure Studies in 1975 and 1976, respectively. He started his role as a research associate in the Department of Recreation and Leisure Studies in 1981, followed by microcomputer laboratory manager and coordinator of the Leisure Studies Bank in 1984. His role changed to coordinator of computing in 1991, then manager of information technology in 2005, and director of information technology in 2012. Stewart retired in 2015.

EDWIN ANDERSON

BA

Faculty of Mathematics

WEDNESDAY, JUNE 14 / EVENING CEREMONY



Edwin (Ed) Anderson's career in education began as a secondary school mathematics teacher in Wingham, ON, from 1956 until 1970, when he moved to the University of Waterloo as a lecturer in the Faculty of Mathematics, where he worked until his retirement in 1991. He helped lead the expansion of mathematics contests that now see more than 250,000 registrations annually from more than 80 countries and was integral to the success of the Mathematics/Teaching undergraduate program. For almost 30 years after his retirement, Anderson remained active in outreach activities, assisting with contests, student workshops and strategic direction.

BARBARA SCHUMACHER

MD

Campus Wellness, Health Services

TUESDAY, JUNE 13 / AFTERNOON CEREMONY



Dr. Barbara Schumacher shepherded the campus community through serious health challenges, including cases of tuberculosis and outbreaks of meningitis and Swine Flu, while championing progressive and equitable programs that enhanced the lives of thousands of students, faculty and staff during her 39 year career at the University. Promoting mental well-being, tackling sexual harassment, and establishing the Occupational Health office for staff were just a few of her initiatives. In addition, Schumacher's efforts in promoting better health went beyond Waterloo and benefitted people at universities across Ontario. And after retiring as Waterloo's medical director of Health Services in 2015, she established a fund to help refugees continue their university education.

STEVEN FURINO

PhD

Faculty of Mathematics

WEDNESDAY, JUNE 14 / EVENING CEREMONY



Dr. Steven Furino was a faculty member, first in the Department of Mathematics at St. Jerome's University and then in the Centre for Education in Mathematics and Computing at the University of Waterloo, from 1989 until 2020. Furino was an excellent teacher who won the Distinguished Teacher Award in 1989 and was a champion of online education in the Faculty of Mathematics. He was also an outstanding administrator, serving as associate dean, undergraduate and assistant dean. Furino's distinguished service also included educational work in Africa and leadership in the Faculty Association and the University's undergraduate communication initiatives.

SHARON LAMONT

BA

Library

THURSDAY, JUNE 15 / MORNING CEREMONY



A Waterloo alum, Sharon Lamont's (BA, '80) career spanned four decades, culminating in a Library senior leadership position and other noteworthy University-level achievements. During her career, Sharon's leadership and contributions to the Library, community and philanthropy advanced the University's progress toward building a culture of inclusivity and excellence. Lamont's leadership extended across campus, notably with the Waterloo Staff Association, United Way staff campaign and Joint Health and Safety Committee. One of her key achievements was leading the Library to Silver Certification from Excellence Canada. Sharon retired in May 2021 after nearly 40 years of service.

GEORGE FREEMAN

BASc, PhD

Faculty of Engineering

SATURDAY, JUNE 17 / MORNING CEREMONY



Dr. George Freeman is a retired electrical and computer engineering professor at the University of Waterloo. Freeman established a sterling reputation as an outstanding engineering educator throughout his career. He served as electrical and computer engineering's teaching and learning champion from 2018 until his retirement in 2022. Freeman's work promoted evidence-based practices for improved learning outcomes, mental health and community building. He also received the Dedicated Service Award from the Canadian Association of University Teachers for his exceptional service to their academic staff associations. Freeman's research interests include signal processing for digital communications, optimal lossless data compression algorithms, and storage and recognition applications in speech and image coding.

Guest speakers

SCOTT LEATHERDALE

PhD, FAAHB

School of Public Health Sciences

TUESDAY, JUNE 13 / MORNING CEREMONY



Dr. Scott Leatherdale is a professor in the School of Public Health Sciences. He is a Cancer Care Ontario Research Chair, a CIHR-PhAC Chair in Applied Public Health Research, and a University Research Chair at the University of Waterloo. Before coming to Waterloo, he was a Scientist at Cancer Care Ontario, responsible for leading Ontario's cancer prevention system. For the past 15 years since joining Waterloo, Leatherdale has developed and led the COMPASS System, the world's largest and most comprehensive youth-focused cancer prevention and mental health learning system. He was an inaugural winner of the Canadian Institutes of Health Research (CIHR) Trailblazer Award in Population Health Solutions and is the first (and only) Canadian researcher to be awarded Fellow status in the American Academy of Health Behavior. His proudest achievement is being the father of two fun and energetic little boys, Thomas and James.

RAPHAEL AYAMBIRE

BSc, PhD '21

TUESDAY, JUNE 13 / AFTERNOON CEREMONY



As the University of Waterloo's 2021 Caivan International Experience Postdoctoral Fellow, Dr. Raphael Ayambire brings a unique perspective to the challenge of planning and building the world's future cities. After growing up in rural Ghana supporting his parents' agricultural activities, he graduated with a BSc in development planning in Ghana, then journeyed to Canada to complete a planning PhD at Waterloo. Ayambire's lived experience and his education on two continents, has shaped his passionate vision for future cities that can respond to the climate crisis and transformative new technologies while ensuring social equity makes these communities truly sustainable. Ayambire will continue working toward this goal as an assistant professor in the University of Manitoba's Faculty of Architecture, Department of City Planning.

LISA AULTMAN-HALL

PhD

Systems Design Engineering

SATURDAY, JUNE 17 / AFTERNOON CEREMONY



Dr. Lisa Aultman-Hall is professor and chair of Systems Design Engineering. Before joining the University of Waterloo, she served as a professor of Civil Engineering at the Universities of Kentucky, Connecticut and Vermont. Aultman-Hall's research focuses on sustainable transportation systems, especially methods to collect unique databases for modelling and analysis of long-distance travel, transportation sector emissions, network resiliency, streetscape design and non-motorized transportation. A common thread in her work is the pursuit of accessibility metrics that speak to equity. She served several leadership roles at the interdisciplinary University of Vermont Transportation Research Center and as the associate director of the National Center for Sustainable Transportation with the University of California Davis.

Valedictorians

Katie Ivancic Faculty of Health
TUESDAY, JUNE 13 / MORNING CEREMONY

Bennett Paul Gallant Faculty of Environment
TUESDAY, JUNE 13 / AFTERNOON CEREMONY

Advitya Chhabra Faculty of Mathematics
WEDNESDAY, JUNE 14 / MORNING CEREMONY

Yichen Carolyn Wang Faculty of Mathematics
WEDNESDAY, JUNE 14 / AFTERNOON CEREMONY

Vincent Macri Faculty of Mathematics
WEDNESDAY, JUNE 14 / EVENING CEREMONY

Thomass Muir Faculty of Arts
THURSDAY, JUNE 15 / MORNING CEREMONY

Arjun Jain Faculty of Arts
THURSDAY, JUNE 15 / AFTERNOON CEREMONY

Ammar Kamran Faculty of Arts
THURSDAY, JUNE 15 / EVENING CEREMONY

Tyler Jing Faculty of Science
FRIDAY, JUNE 16 / MORNING CEREMONY

Ahmed Adeldader Faculty of Science
FRIDAY, JUNE 16 / AFTERNOON CEREMONY

Toluwalope Wright Faculty of Engineering
FRIDAY, JUNE 16 / EVENING CEREMONY

Maya Bishop Faculty of Engineering
SATURDAY, JUNE 17 / MORNING CEREMONY

Yonael Debebe Faculty of Engineering
SATURDAY, JUNE 17 / AFTERNOON CEREMONY

Matthew Linehan Faculty of Engineering
SATURDAY, JUNE 17 / EVENING CEREMONY



MORNING CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF MATHEMATICS

Graduate Degrees

DOCTOR OF PHILOSOPHY

Ammar, Khaled (Computer Science)
“Systems and Algorithms for Dynamic Graph Processing”

Bai, He (Computer Science)
“Novel Methods for Natural Language Modeling and Pretraining”

Delisle, Thierry (Computer Science)
“The Cforall Scheduler”

Eaton, Edward (Computer Science)
“New Design & Analysis Techniques for Post-Quantum Cryptography”

Fang, Xiang (Computer Science)
“A Generalized Blending Scheme for Arbitrary Order of Continuity”

Gabric, Daniel (Computer Science)
“On the Properties and Structure of Bordered Words and Generalizations”

Glasbergen, Bradley James (Computer Science)
“Universal Database System Analysis for Insight and Adaptivity”

Karyakin, Alexey (Computer Science)
“Memory Power Consumption in Main-Memory Database Systems”

Liao, Zhenyu (Computer Science)
“Improved Bayesian Network Structure Learning in the Model Averaging Paradigm”

Naredla, Anurag Murty (Computer Science)
“Algorithms for Geometric Facility Location: Centers in a Polygon and Dispersion on a Line”

Pham, Viet Hung (Computer Science)
“Improving the Reliability of Deep Learning Software Systems”

Sarkar, Atrisha (Computer Science)
“Empirical Game Theoretic Models for Autonomous Driving: Methods and Applications”

Shi, Peng (Computer Science)
“Facilitating Information Access for Heterogeneous Data Across Many Languages”

Wang, Zihao (Computer Science)
“DNA Computing: Modelling in Formal Languages and Combinatorics on Words, and Complexity Estimation”

Xin, Ji (Computer Science)
“Efficient Interference of Transformers in Natural Language Processing: Early Exiting and Beyond”

MASTER OF MATHEMATICS

Abuwala, Hussain Sadiq (Computer Science)

Al-Manasrah, Wael Akram Mohammad (Computer Science)

Alrefai, Ahmad Salam (Computer Science)

Anand, Abhishek (Computer Science – Quantum Information)

Baral, Benjamin Florian Wolff (Computer Science)

Bigdeli, Reza (Computer Science)

Bora, Abhinav (Computer Science)

Curto, Bryant J (Computer Science)

Dadvar, Vargha (Computer Science)

Ding, Yi (Computer Science)

D’Souza, Matthew William (Computer Science)

Du, Xuejun (Computer Science)

Erhabor, Daniel Nkemakolem (Computer Science)

Faraji, Sina (Computer Science)

Feng, Eva Hu (Computer Science)

Ghiassi Nejad, Haudi (Computer Science)

Goertzen, Jason Eamonn Anderson (Computer Science)

Hasrati, Niki (Computer Science)

Hossain, Tamjid (Computer Science – Co-operative Program)

Jahangirzadeh Soure, Ehsan (Computer Science – Co-operative Program)

Kim, Daewoo (Computer Science)

Kong, Xiangzhou (Computer Science – Quantum Information)

Kulkarni, Anuradha Venkatesh (Computer Science)

Lee, Joohan (Computer Science)

Li, Haomin (Computer Science)

Liu, Chang (Computer Science)

Liu, Lixian (Computer Science)

Liu, Runcheng (Computer Science – Co-operative Program)

Majid, Mahbod (Computer Science)

Malekghaini, Navid (Computer Science)

Meidani, Seyed Mehran (Computer Science – Co-operative Program)

Meleshko, Joseph Victor Fiorillo (Computer Science)

Moayyedi, Arash (Computer Science)

Mollazadeh, Ensieh (Computer Science)

Murali, Anupa (Computer Science)

Naman, Omar Fadel (Computer Science)

Ogundepo, Odunayo Jude (Computer Science)

Özdemir, Tümay (Computer Science)

Phan Minh, Linh Nhi (Computer Science – Co-operative Program)

Poon, Edward (Computer Science – Co-operative Program)

Ravi, Vijay (Computer Science)

Saheb Pasand, Ali (Computer Science)

Seifikar, Mahsa (Computer Science)

Singh, Suraj (Computer Science)

Snow, Mallory Alene (Computer Science)

Therien, Benjamin (Computer Science)

Venkatanarayanan, Sruthi (Computer Science)

Vezaei, Alireza (Computer Science)

Wang, Yiping (Computer Science – Co-operative Program)

Yan, Xinyi (Computer Science – Co-operative Program)

Yang, Yixin (Computer Science)

You, James (Computer Science)

Zabarah, Saif (Computer Science)

Zhang, Licheng (Computer Science)

Zhang, Xueyan (Computer Science)

Zhao, Leonard (Computer Science)

Zhou, Ziqi (Computer Science)

GRADUATE CERTIFICATE

Mazmudar, Miti (University Teaching)

Undergraduate Degrees

BACHELOR OF COMPUTER SCIENCE

HONOURS PROGRAM

Adams, Connor Hamilton †
Afroze, Yousuf *
Ayettey, Erasmus Hiro Obido *
Bolisetti, Arvind Sai
Budak, Ali
Che, Zhaocheng †
Chen, Caroline Jia-Yue (Human-Computer Interaction Specialization – Economics Minor)
Chen, Peiyun *
Chen, Yuhao *
Chho, Ishan
Chu, Kevin Yunlong (Economics Minor) †
Cui, Jane (Classical Studies Minor)
de Wit, Alexander James †
Del Rosario, Zaira Zezanne Rolloque †
Ding, Mengxuan *
Ding, Qingting (Data Science)
D’Souza, Danielle Jade *
El-Zeneiny, Mohamed *
Feng, Zijian (Software Engineering Specialization) *
Gong, Yuanyue †
Guo, Runlin Victor †
Han, Tianhao †
Han, Xiao *
Hossain, Ahsan Rakeeb †
Hu, Allen
Hu, Anne (Business Specialization)
Huang, Hao (Economics Minor)
Huang, Jiashen †
Huang, Michael (Combinatorics and Optimization Minor) †
Hussain, Bilaal *
Kapoor, Kabir Singh (Psychology Minor)
Kim, Byunggyu *
Kim, Jihyun
Kim, Yeri *
Krasnov, Dennis
La, Fiona *
Lao, Yiwen
Lei, Willie †

Li, Jacqueline (Business Specialization) *
Li, Simon
Lin, Alisa *
Liu, Hengyu *
Liu, Jason †
Luthra, Aashrit (Business Specialization)
Mai, Qiyan *
Maulik, Anubhav
Mccuaig, Cameron David †
McQuaide, Isaac John
Ni, Haoyan (Pure Mathematics Minor) †
Pan, Kevin Yihua *
Park, Taeyeong *
Park, Yeeun
Pham, Thang Duc †
Pocol, Sergiu (Combinatorics and Optimization Minor) †
Qin, Zechen
Ren, Nicholas Jianrui †
Sang, Jason Zhichen †
Shahid, Hamzah *
Singh, Aman Pal †
Snider, Caleb Lewis
Sun, Guang Da (Business Option) *
Tang, Amanda *
Tian, Jia Le †
Turner, Maximo Garofalini †
Veluppilai, Vinojan (Statistics Minor) *
Venu, Hrithvik Alex (Combinatorics and Optimization Minor) †
Wang, Colin *
Wang, Lanney Fumitsuki
Wang, Ruixuan
Wang, Theodore Luo †
Wang, Yi Nuo (Statistics Minor) †
Wu, Allen †
Wu, Chufan (Statistics Minor) *
Wu, Hancheng *
Xie, Guanyang (Software Engineering Specialization – Combinatorics and Optimization Minor)
Xie, Jerry Jun Rui †

Xu, Hanyu (Pure Mathematics Minor) †
Yang, Andrew Dongtian (Computational Mathematics Minor) †
Yang, Lily (Cognitive Science Minor) *
Yang, Nick KeXu (Human-Computer Interaction Specialization) *
Yang, Xiu (Combinatorics and Optimization Minor) †
Yao, Tianhao *
Ye, William Han Tian
Zeng, Simon
Zhang, Simon Zhong Xing
Zheng, Baichuan *
Zheng, Terry TX (Artificial Intelligence Specialization – Combinatorics and Optimization Minor, Computational Mathematics Minor) †
Zhong, Joey Yi *
Zhong, Putian

HONOURS CO-OPERATIVE PROGRAM

Afsan, Mir Rohan
Ai, Brianna Guan (Combinatorics and Optimization Minor) *
Anas, Emily Ihab Wagdi (Bioinformatics Specialization) *
Araujo, Daniel Amorim (Combinatorics and Optimization Minor) †
Arora, Muskaan *
Arya, Aakarsh †
Aryawan, Thomas Henry
Austin, David Eric (Statistics Minor) *
Azmi, Arif Ali *
Babar, Danyal Ahmed
Bai, Hao Tian *
Bai, Li Dan (Music Minor) *
Bai, Rong Zhuo
Bakshi, Ayon *
Bali, Jananjeet Singh *
Bao, Andy Jie (Business Specialization)
Bei, Clark
Benipal, Uday Singh *
Bishop, William Andrew Scott
Bradley, Maura Elizabeth †
Bruni, Luca Alexander

* – Distinction

† – Dean’s Honours

Bushi, Lorenc (Pure Mathematics Minor) †
Cai, Alice
Cai, Leo *
Camer, Alexandru *
Cao, Anthony Tan
Cao, Mandy Meng †
Cao, Timothy
Chawla, Parmeet Singh
Chen, Andy
Chen, Angela Muyang *
Chen, Ethan Jien *
Chen, Harrison Haozhe (Combinatorics and Optimization Minor) †
Chen, Runmin *
Chen, SiYao †
Chen, Zhizhou (Economics Minor) †
Cheng, Joseph Sing Leuk *
Cheng, Yuyao *
Chin, Andrew †
Chiu, Andrew *
Chiu, Ernest Chun Tao *
Chow, Ivan Tze Lok *
Chung, Eun Ji †
Chung, Insung
Colborne, Ross Layton (Combinatorics and Optimization Minor)
Costiuc, Daniel Sergiu *
Cui, Sonia *
DaRocha, Michael Lazaro (Software Engineering Option) *
Dhal, Arunika *
Dominguez-Schatz, Julian Frank (Artificial Intelligence Option) †
Du, Hongbo
DuGe, Bill Sage †
Fang, Cindy Yixin *
Fattakhov, Leon (Entrepreneurship Minor) *
Fernandes, Skyler Paul (Computational Mathematics Minor) *
Fortin, Marc-Olivier (Entrepreneurship Minor) †
Frumkin, Maxim
Gandhi, Rushi †
Ge, William †
Geng, Grace
Ghosh, Rishabh
Gozali, Raphael Shawn (Data Science – Economic Theory Minor) *
Grewal, Nathan Eric †

Grewal, Sherman Singh †
Gu, Stephanie †
Gu, Yixing (Pure Mathematics Minor, Physics Minor) †
Guan, Zhanghuihong *
Guha, Ayushi
Guo, Landson Tianlang (Artificial Intelligence Specialization) †
Han, Ruoxuan (Statistics Minor) †
Han, Yushuo (Data Science – Economics Minor) †
He, Mengyu (Combinatorics and Optimization Minor) †
He, Peter (Data Science) *
Heo, Yebeom
Ho, Audrey Yeewai *
Hu, David
Hu, Jingtong *
Hu, Joseph †
Hu, YiHeng †
Huang, John Yi Rui
Huang, Liwei †
Huang, Shao Chen †
Hudson, Sinclair Strachan Groskorth (Artificial Intelligence Specialization) †
Hum, Christopher E N (Combinatorics and Optimization Minor) *
Jain, Samta Priya (Business Option)
Jiang, Edward Yeduo (Combinatorics and Optimization Minor, Pure Mathematics Minor) †
Jiang, Haoning (Combinatorics and Optimization Minor) †
Jiang, Hui *
Jiang, Kuan
Jindal, Chirag †
Joseph Byju, Alric
Kala, Siddharth *
Kamal, Farhan Haidar
Kang, Grace †
Kanoria, Mayank *
Khan, Tamim Mahmud *
Khandaker, Mahdi Kabir
Khazzam, David Aaron †
Kim, Heejae
Kim, Inha Simon (Combinatorics and Optimization Minor, Computational Mathematics Minor) †
Kona, Susheel Saikanth *
Kong, Deyun *
Kong, Edmund Man-Chung (Software Engineering Specialization) *

Kou, Thomas †
Krishna Prasad, Shreyas *
Krishnan, Pranav (Combinatorics and Optimization Minor) †
Kulakowski, Daniel George
Lal, Prannoy (Human-Computer Interaction Specialization) *
Lee, Albert Daniel †
Lee, DongHyun †
Lee, Gyeongwon †
Leung, Samantha Chee Kay *
Li, Jessica Boya (Psychology Minor) †
Li, Kevin †
Li, Kevin †
Li, Minglei
Li, Nathan †
Li, Qian *
Li, Rachel *
Li, Rolf †
Li, Ruizhe *
Li, Yixin
Li, Yuxuan (Business Specialization) *
Liang, Kathleen (Economics Minor) †
Liao, Dai Qing (Fine Arts Studio Minor) *
Lim, Zi Wen (Entrepreneurship Minor)
Lin, Bowen Yangzhou
Lin, Hansson Wen Jie *
Lin, Ka Ying Karen †
Liu, Amanda (Computational Fine Arts Option)
Liu, Da You †
Liu, Feng Hua †
Liu, I-Fu (Combinatorics and Optimization Minor) †
Liu, Jinwu (Business Specialization) *
Liu, Qing †
Liu, Susan
Liu, Tianhui
Liu, Yu Tong (Combinatorics and Optimization Minor) *
Liu, Yuxuan †
Lok, Anna *
Lu, Jinhuan
Luan, Daniel *
Luczynski, Michael Martin *
Luo, Bowen (Combinatorics and Optimization Minor) *
Luo, Chong
Ma, Hongde (Data Science) *
Ma, Mo Jie
Mahdi, Taaha

* – Distinction
† – Dean's Honours

Mahendran, Chanchev *
Mali, Netra Janak (Software Engineering Specialization) *
Mangat, Balpreet Kaur (Human-Computer Interaction Option)
Matharu, Amrit *
Menezes, Sean Daniel †
Misjuwar, Amanda Belle (Human-Computer Interaction Specialization)
Mo, Dennis Yunfei †
Mohammed, Saffiyah Gail (Psychology Minor)
Mohammed Sahl *
Mollahajian, Pedram *
Morra, Mark Albert
Mueller, Arista Jade
Muhunthan, Mathush (Business Option) *
Murugesan, Shreevarshini †
Nesterovic, Ivan Stefan †
Ngo, Nancy Nhi (Combinatorics and Optimization Minor) †
Nguyen, Do Anh Huy (Psychology Minor) *
Nguyen, Nhat Tan (Economics Minor) †
Oh, Joshua (French Minor)
Olaru, Eric
Osmond, Clarice (Statistics Minor)
Pahooja, Sahil (Business Specialization, Human-Computer Interaction Specialization) *
Pan, Jianyu (Economics Minor)
Parappally, Josiah Philip (Economics Minor)
Park, Sang Won (Economics Minor) *
Pasqualini, Adrian Santo (Artificial Intelligence Option – Combinatorics and Optimization Minor) †
Patel, Aarsh Anil *
Patel, Kush Vijaykumar
Patel, Shalin Alpeshkumar
Pathan, Ashfi
Peng, Lu (Combinatorics and Optimization Minor) †
Peng, Victoria Zhu †
Pietsch, Sophia Theresa †
Porter, Mark
Pu, Sarah Siyu *
Qu, Jenny Jingyi *
Rahman, Shahriyar *
Rajpal, Simran *
Reasat, Elman
Saebnoori-Zhang, Shayan (Music Minor) *
Safri, Aziz Mujtaba (Economics Minor) *
Sang, Shao Chuan †
Sang, Yi Chen (East Asian Studies Minor) *
Sebastian, Jamie (Economics Minor) *
Sena, Davi Cavalcanti †
Shah, Khubi Umesh *
Shah, Pari †
Shahad, Nabil (Data Science)
Shao, Amy Yuqing (Combinatorics and Optimization Minor) *
Shao, Yu En (Business Specialization)
Sharma, Siddhant *
Shen, Ao *
Shen, Chenyang (Data Science) †
Sheng, James Yanhong
Shi, Pengyuan (Artificial Intelligence Specialization) †
Shi, Richie Hao Jun *
Shi, Yu An (Human-Computer Interaction Specialization)
Shrivastava, Mayank Devesh
Shum, Avery Matthew *
Singh, Sidhartha †
Siwal, Sanya
So, Pak-Ho Lawrence (Business Specialization)
Song, Tang †
Stevanus, Bradley Owen *
Su, Chang (Combinatorics and Optimization Minor) *
Sum, Scott Tian Nan *
Sun, Jesse (Combinatorics and Optimization Minor, Computational Mathematics Minor) †
Sun, Kai (Statistics Minor) †
Sun, Victor Jianzhou (Data Science) †
Tai, Angus Si Jun †
Talakshi, Khalid Noor (Software Engineering Specialization – Entrepreneurship Minor)
Tang, Chenchen (Computational Mathematics Minor) †
Tedjoesilo, Jason (Artificial Intelligence Specialization – Economic Theory Minor) †
Telfer, Patrick Kenneth William †
Teng, Shuyang (Psychology Minor, Cognitive Science Minor) *
Thakore, Manvi Hardikbhai
Toffolo, Lindsay (Combinatorics and Optimization Minor) †
Trieu, Kevin (Political Science Minor) *
Vadrevu, Pranav Sai †
Vasudevan, Arjun (Combinatorics and Optimization Minor, Computational Mathematics Minor) *
Venkataramanan, Varun (English Language and Literature Minor)
Vishrant, Shruti
Wan, Qianqian *
Wang, Estelle Zhekuan †
Wang, Hanxiang *
Wang, Jingyi (Human-Computer Interaction Specialization) *
Wang, Jonathan Ying (Combinatorics and Optimization Minor, Computational Mathematics Minor) *
Wang, Myoung Hun
Wang, Victor Xingchun (Data Science) *
Wang, William (Combinatorics and Optimization Minor, Computational Mathematics Minor) *
Wang, Willson (Economics Minor) †
Wang, Wilson *
Wang, Yang (Physics Minor) †
Wang, Yuetong †
Wei, Botao (Artificial Intelligence Specialization) †
Wei, Yiyang (Statistics Minor, Economics Minor) *
Wen, Fang Yi
Wen, Kaixin *
Wong, Adam Joseph Luay *
Wong, Christopher Jonathan (Geography and Environmental Management Minor) *
Wu, Francis
Wu, James Haolin
Wu, Jennifer Yu Hsueh *
Wu, Jinkai †
Xi, Clara †
Xia, Yuan Song
Xiang, Yuhua (Data Science) *
Xiang, Zhi Xuan *
Xiao, Yunkai (Data Science – Computational Mathematics Minor) †
Xie, Olivia Liwen *
Xu, Justin (Artificial Intelligence Specialization – Statistics Minor) †
Xu, Mingze (Statistics Minor) †
Xu, Qi
Xu, Vicki (Statistics Minor) †
Xu, Zhanhong †
Xu, Zhongyu †
Yang, Ji Xi †

* – Distinction

† – Dean's Honours

Yang, Michael Robert
Yang, Yu Zhe *
Yang, Zhengying
Yang, Zi Yue (Psychology Minor)
Yu, Fucheng *
Yu, George *
Yu, Liangkai
Yu, Song Ming (Human-Computer Interaction Specialization)
Yuan, Suofei (Psychology Minor) *
Zeitler, Andrew Stephen *
Zeng, Kairui (Economics Minor) †
Zhai, Eric Baokun †
Zhang, Alvin †
Zhang, An (Data Science – Economics Minor) †
Zhang, Charles Yingjia (Artificial Intelligence Specialization) †
Zhang, Chenyang (Combinatorics and Optimization Minor) †
Zhang, Grace Jia-Yi †
Zhang, Jeff *
Zhang, Jia Yi (Computer Science/ Bioinformatics Option & Joint Honours Chemistry – Pure Mathematics Minor) †
Zhang, Jialin *
Zhang, Jing Wen (Human-Computer Interaction Specialization – Statistics Minor) *
Zhang, Kai Yi (Business Option) †
Zhang, Richard Kongfan *
Zhang, XinWen *
Zhang, Yi Han (Combinatorics and Optimization Minor, Computational Mathematics Minor) †
Zhang, Yiding †
Zhāng, Yǐlín (Combinatorics and Optimization Minor) †
Zhang, Yingran
Zhang, Yuechen (Data Science) †
Zhao, Qi (Data Science) †
Zhao, Runbei (Human-Computer Interaction Specialization)
Zhao, Yiqing (Physics Minor) *
Zheng, Allyn *
Zheng, Franklin Kaifeng *
Zheng, Jolene (Legal Studies Minor) *
Zhou, Si Yue (Combinatorics and Optimization Minor) †
Zhou, You *
Zhu, Chenkai *
Zhu, Tom Zhenyan *
Zhu, Yuhong (Combinatorics and Optimization Minor) *

BACHELOR OF MATHEMATICS

HONOURS PROGRAM

Chen, Terry Yu-Xi (Computer Science & Honours Statistics) *
Day, Aidan Paulo (Computer Science & Honours Combinatorics and Optimization)
Du, Shu Fan (Computer Science & Honours Combinatorics and Optimization) †
Duan, Junyao (Computer Science & Joint Honours Combinatorics and Optimization & Joint Honours Statistics – Computational Mathematics Minor) †
Golden, Ely Dov Putterman (Computer Science – Pure Mathematics Minor) *
Holterhus, Riley Karl (Computer Science) †
Huang, Yongjia (Computer Science & Honours Statistics) *
Jackson, Riley Adam (Computer Science & Honours Pure Mathematics & Honours Combinatorics and Optimization) †
Li, Eric (Computer Science – Combinatorics and Optimization Minor, Computational Mathematics Minor) †
Liu, Zhonghao (Computer Science & Honours Statistics)
Lu, Zijie (Computer Science – Combinatorics and Optimization Minor) †
Xing, Enze (Computer Science) †
Zhu, Zhenyan (Computer Science) †

HONOURS CO-OPERATIVE PROGRAM

Bian, Yu Qi (Computer Science & Honours Statistics) †
Bundgard, James Michael Gerard (Computer Science & Joint Honours Pure Mathematics) †
Cao, Yiran (Computer Science & Honours Statistics) †
Cao, Yu Jia Jessica (Computer Science & Joint Honours Statistics) *
Chen, Jianzhen (Computer Science & Joint Honours Combinatorics and Optimization) †
Chen, Quancheng (Computer Science & Honours Statistics) †
Cheung, Cindy Chak Yee (Computer Science & Honours Statistics) *
Feng, Tianlu (Computer Science & Honours Statistics – Combinatorics and Optimization Minor) *

Ghosh, Aritra (Computer Science & Honours Pure Mathematics)
He, Colin Qimin (Computer Science – Artificial Intelligence Specialization & Honours Combinatorics and Optimization) †
Hoxha, Kevin (Computer Science & Honours Combinatorics and Optimization) †
Hui, Ki Ho Antonio (Computer Science & Honours Computational Mathematics) †
Jiang, Daniel (Computer Science & Honours Combinatorics and Optimization – Statistics Minor) †
Krofchak, Christopher Ian (Computer Science) †
Li, Boyi (Computer Science & Honours Statistics) †
Li, Erica Yune-Yune (Computer Science – Physics Minor)
Li, Haochen (Computer Science & Joint Honours Statistics – Computational Mathematics Minor) *
Liao, Victor (Joint Computer Science & Joint Honours Pure Mathematics & Joint Honours Combinatorics and Optimization) †
Liu, Jeffrey Yunfan (Computer Science & Honours Combinatorics and Optimization & Honours Pure Mathematics) †
Lo, Nathan (Computer Science & Honours Pure Mathematics & Honours Combinatorics and Optimization) †
Lu, Yi Ao (Computer Science & Honours Statistics & Joint Honours Combinatorics and Optimization) †
Luo, Ji Han Jie (Computer Science & Honours Pure Mathematics & Honours Combinatorics and Optimization) †
Mustaqeem, Aziz Khawar (Computer Science & Honours Pure Mathematics) †
Parco, Russell James (Computer Science & Honours Statistics) †
Penner, Thomas John (Computer Science & Honours Pure Mathematics & Honours Combinatorics and Optimization) †
Qu, Bosen (Computer Science & Joint Honours Combinatorics and Optimization) †
Regalado Lozano, Sebastián David (Computer Science & Joint Honours Pure Mathematics – Computational Mathematics Minor) †

* – Distinction

† – Dean's Honours

Ruza, Tiadora Valentina (Computer Science & Honours Combinatorics and Optimization) †

Su, Jianyuan (Computer Science & Joint Honours Combinatorics and Optimization) †

Wang, Guanzhao (Computer Science – Artificial Intelligence Specialization & Honours Combinatorics and Optimization & Honours Computational Mathematics – Economics Minor) †

Wang, Yukai (Computer Science) †

Wu, Haochen (Computer Science & Honours Combinatorics and Optimization & Honours Computational Mathematics) †

Xu, Qianxun (Computer Science)

Zhang, Edwin Zilong (Computer Science – Artificial Intelligence Specialization & Honours Combinatorics and Optimization – Computational Mathematics Minor) †

Zhao, Zixuan (Computer Science – Bioinformatics Specialization)

BACHELOR OF SOFTWARE ENGINEERING

HONOURS CO-OPERATIVE PROGRAM

Abdi, Syed Hussain Rahber *

Amjad, Mufeez (Combinatorics and Optimization Minor, Computational Mathematics Minor) *†

Amlekar, Ishan (Human-Computer Interaction Specialization)

Asad, Abdullah Bin *

Assad, Shehryar *

Au, Nathan Tinchng *†

Baines, Orson Andrew *†

Bakker, Alex John *

Brown, Bradley Craig Anderson (Honours & Joint Honours Combinatorics and Optimization) *†

Budz, Lucas Joseph †

Cai, Ting *†

Campbell, Aidan Joseph (Music Minor) *†

Cento, Paul Richard Soyland *†

Chen, Liujia (Human-Computer Interaction Specialization) *

Cheng, Thomas Ho Jee *

Chhabra, Advitya *

Chong, Curtis Ching *

Dietz, Angela Claire *†

Dietz, Kara Michelle *†

Ding, Cynthia Yiyng *†

Du, Julia Youlin *

El Shatshat, Ahmed Ramadan *

Engelman, Brendan Anthony Doshen *

Feng, Ruichen *†

Finn, Sterling Edward

Granstrom, Katherine Daring *†

Guo, Ethan Haian *

Hachmer, Nicholas Fritz *†

Hacker, Serena Esther (Artificial Intelligence Option) *†

Hao, Han *†

He, Yu Chen *

Huang, Jin Cong *

Jamil, Rafit Farhan *

Jiang, Michael Xiheng *†

Joffe, Zachary Max *

Johnston, Nicholas

Joksimovic, Danilo

Jung, Tony Jun Ho *

Juravsky, Jordan Benjamin (Honours & Joint Honours Combinatorics and Optimization) *†

Kattukudiyil, John Sabu *†

Keung, Haydn (Computational Mathematics Minor, Combinatorics and Optimization Minor) *

Li, Bjon Guobin (Computational Mathematics Minor, Combinatorics and Optimization Minor) *†

Li, Darren *†

Li, Hannah Kexin *†

Li, Jianyan *†

Li, Kevin Ye Jie *†

Li, Peggy *

Li, Selina Keyue *†

Liao, Yuan *

Liao, Zi Yu *†

Liu, Jin Yang *

Lu, David Anbo *†

Luan, Yuyu (Human-Computer Interaction Specialization) *†

Ma, Alan Xiaorui *

Mahmud, Atif Arshad (Honours & Joint Honours Combinatorics and Optimization) *

Mohamed, Lukman *

Momi, Shahbaz Singh *†

Morin, Amanda Susan Margaret

Nadal, Robert Mario *†

Niu, Mei Yi *†

O'Neil, Marcel Donald *†

Ou, Danny *

Park, Seong Min

Patel, Dhvani *

Patel, Mann Dilip Kumar *†

Pinto, Tyler Justin (Honours & Joint Honours Combinatorics and Optimization) *†

Qin, Michael *

Reiter, Damian Matthew *†

Reiter, Justin David Valerio *

Riggs, Brayden

Sandhu, Saman Singh *

Sathish, Chandana (Management Sciences Option) *

Saxena, Akshay *

Sayeed, SK Sadman *

Shah, Hemit (Artificial Intelligence Option) *†

Shahbaz, Wais (Artificial Intelligence Specialization – Combinatorics and Optimization Minor, Statistics Minor, Computational Mathematics Minor) *†

Shen, Luyi *

Singh, Tej Partap

Subramanian, Vikram Nachiappan

Sun, Ellen *

Tan, Yiming (Combinatorics and Optimization Minor, Computational Mathematics Minor) *

Tao, Emily *†

Tapia, Aliqyan *†

Tascioglu, Tony *

Thomas, Toby James

Varkiani, Sherwin *

Wang, Huihong (Computational Mathematics Minor) *†

Wang, Ruichen *

Wang, Siyuan *

Weitzman, Eric *

Wu, Benjamin Jialong (Artificial Intelligence Specialization & Joint Honours Combinatorics and Optimization) *†

Wu, Frank *†

Yadav, Mira Pares *†

Yamanaka, Mio *

Yan, Ruomei *†

Yao, Jing Hao *†

Yu, Jerry Rundong *†

Zadarko, Juliana Helene *

Zhang, Isabel *†

Zhang, Yifei *†

* – Distinction

† – Dean's Honours

Zhao, Yusu (Artificial Intelligence Option) *†

Zheng, Linda Linjun *†

Zhu, Kevin (Artificial Intelligence Option) *

Zohar, Ethan David *

DIPLOMA IN CREATIVE WRITING

Wu, Hancheng

DIPLOMA IN FRENCH LANGUAGE I

Kim, Heejae

Yang, Zhengying

DIPLOMA IN JAPANESE LANGUAGE I

He, Mengyu

Jiang, Hui

Lao, Yiwen

Li, Yixin

Wu, Jinkai

Yang, Ji Xi

Zhāng, Yǐlín

Zhou, You

Zhu, Yuhong

DIPLOMA IN JAPANESE LANGUAGE II

Lee, DongHyun

DIPLOMA IN SPANISH LANGUAGE I

Wang, Estelle Zhekuan

DIPLOMA IN SUSTAINABILITY

Dietz, Angela Claire

Dietz, Kara Michelle

Granstrom, Katherine Daring

Wu, Benjamin Jialong

CERTIFICATE IN CO-OPERATIVE EDUCATION IN RESEARCH

Ruza, Tiadora Valentina

CERTIFICATE IN EXPERIENTIAL EDUCATION

Kapoor, Kabir Singh

CERTIFICATE IN GLOBAL EXPERIENCE

Fang, Cindy Yixin

Wang, Estelle Zhekuan

* – Distinction

† – Dean's Honours



AFTERNOON CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF MATHEMATICS

Graduate Degrees

DOCTOR OF PHILOSOPHY

Araiza Iturria, Carlos Andrés

(Actuarial Science)
“Discrimination in Insurance Pricing”

Li, Wenyuan (Actuarial Science)

“Individual Insurance Choice:
A Stochastic Control Approach”

Meng, Yechao (Actuarial Science)

“Mortality Prediction Using Statistical
Learning Approaches”

Shuldiner, Pavel (Statistics)

“A Mathematical Foundation for the
Use of Cliques in the Exploration
of Data With Navigation Graphs”

Sun, Zhaohan (Statistics)

“Causal Inference and Matrix
Completion with Correlated
Incomplete Data”

MASTER OF DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

Ambekar, Ishan (Co-operative
Program)

Anugu, Ankitha (Co-operative
Program)

Bhalani, Himanshu (Co-operative
Program)

Dionne-Laforest, Salomé
(Co-operative Program)

Falcao, Samantha Edward
(Co-operative Program)

Gavali, Hrithik Laxmikant
(Co-operative Program)

Gillich, Peter Manfred (Co-operative
Program)

Gowda, Sinchana (Co-operative
Program)

Hanes, Hendrix Daniel
(Co-operative Program)

Huebner, Erik Michael (Co-operative
Program)

Islam, A S M Sohidul

Kurdyak, Robert Colton
(Co-operative Program)

Lai, Elbert (Co-operative Program)

Lin, Yi (Co-operative Program)

Lin, Yun Zhi (Co-operative Program)

Ma, Paul Yu-Bo (Co-operative
Program)

McMullen, Cameron Rae
(Co-operative Program)

Ni, Renjie (Co-operative Program)

Patel, Tashrish (Co-operative
Program)

Qi, Yinzhou (Co-operative Program)

Ravichandran, Akshaya
(Co-operative Program)

Saini, Jessica (Co-operative
Program)

Shivakumar, Rithika (Co-operative
Program)

Wang, Huanqiu (Co-operative
Program)

Woo, Min Gyu (Co-operative
Program)

Wu, Jingyi (Co-operative Program)

Wu, Meng (Co-operative Program)

Wu, Mengqi (Co-operative Program)

Xiao, Yaochen (Co-operative
Program)

Xu, Sijie (Co-operative Program)

Xue, Yulin (Co-operative Program)

Yang, Chengzhang (Co-operative
Program)

MASTER OF MATHEMATICS

Bobotsis, Christopher James
(Data Science)

Feng, Xingjie (Statistics)

Kapoor, Vega (Actuarial Science)

Lin, Jialu (Statistics)

Marevci, Abetare (Statistics)

Ramkissoon, Jonathan (Statistics)

Shi, Haoming (Statistics)

Sun, Jinglan (Statistics)

Wang, Xiaoya (Biostatistics)

Yang, Tiancheng (Statistics)

Yu, Tingzhou (Statistics)

Zhang, Chuanlong (Actuarial
Science)

Zhang, Shengning (Actuarial
Science)

Zhao, Yanwen (Statistics)

MASTER OF QUANTITATIVE FINANCE

Cheng, Jiayi

Giblin, Thomas Gerald

Li, Yizhen

Li, Zehao

Liu, Yunfeng

Long, Ruiqi

Love, Gregory Ross

Peng, Jiaqi

Seifi, Seyed Mohammad Mohsen

Shan, Guowei

Si, Muyao

Tsang, Yin Lam

Wang, Ziwei

Wu, Tianyu

Wu, Yue

Xiong, Yiru

Yin, Yaolun

Zhang, Shun

Undergraduate Degrees

BACHELOR OF COMPUTER SCIENCE

HONOURS PROGRAM

Cheng, Guanlin (Business Administration and Computer Science) *

Ding, Yilin (Business Administration and Computer Science) †

Han, Justin (Business Administration and Computer Science) *

Liu, Siyu (Business Administration and Computer Science) *

Shi, Joyce (Business Administration and Computer Science – Combinatorics and Optimization Minor)

Shikher, Orel (Business Administration and Computer Science)

Sūn, Yùxiáng (Business Administration and Computer Science) *

Yu, Lichen (Business Administration and Computer Science – Software Engineering Specialization) *

Zhang, Jing Ting (Business Administration and Computer Science – Human-Computer Interaction Specialization) *

HONOURS CO-OPERATIVE PROGRAM

Chen, Jacqueline Rong (Business Administration and Computer Science) †

Desai, Ishwar (Business Administration and Computer Science) †

Huang, Chengjie (Business Administration and Computer Science – Software Engineering Specialization) †

King, William Long (Business Administration and Computer Science) *

Lin, Zhang Miao (Business Administration and Computer Science) †

McNamee, David Patrick (Business Administration and Computer Science) *

Mistry, Maitry (Business Administration and Computer Science) †

Oza, Yash Nitin (Business Administration and Computer Science) *

Patel, Vishv (Business Administration and Computer Science) *

Qin, Albert (Business Administration and Computer Science) *

Ren, Shumin (Business Administration and Computer Science) †

Song, Jiaqi (Business Administration and Computer Science)

Weintraub, Daniel (Business Administration and Computer Science)

Yang, Shida (Business Administration and Computer Science – Software Engineering Specialization) *

Zhang, Michael (Business Administration and Computer Science) †

Zhang, Yuanhong (Business Administration and Computer Science & Honours Data Science) †

Zou, Nicole (Business Administration and Computer Science) *

BACHELOR OF MATHEMATICS

GENERAL PROGRAM – THREE YEAR

Ali, Agha Muneeb

Cao, Wei

Chao, Kuan-Chieh *

Dai, Xuemeng

Datars, Isabel Lau

Fan, Bopu

Hua, Wesley Yang

Hutchinson, Cassi-Ann

Jesun, Sunjack

Kundra, Varun

Kwon, Sun Bom

Lee, Joonho

Li, Zhiyuan

Liang, Youqi

Mann, Achint †

Manoil, Stefan

Masoud, Majd Ahmad

Moonegadoo, Gomaathi

Mujahid, Zuhayr Shadaab

Naqvi, Syed Muhammad Mustafa

Haider

Nguyen, Jonathan

Pansari, Rohan

Park, Jun-Hong

Patel, Dhaval Rajeshkumar

Pham, Lisa Bich Ha

Punia, Eashan

Rahim, Lyana Rozeannah *

Richardson, Emma Jean

Robertson, Peter Scott *

Sharma, Rajat

Uppal, Kamal Dev

Yang, Simon *

Zhang, He

Zheng, Ziyi

Zhilyayev, Daniil *

GENERAL CO-OPERATIVE PROGRAM – THREE YEAR

Garg, Palvit

Lu, Luyi

Park, Christopher Joonha

HONOURS PROGRAM

Anggitawijaya, Audrey (Actuarial Science & Honours Statistics) *

Au, Bryan Jak Gwan (Statistics & Honours Computational Mathematics – Computing Minor)

Belimova, Tatiana (Statistics – Economics Minor) †

Bu, Dan (Mathematical Studies)

Bulava, Grigorii (Biostatistics & Joint Honours Biology)

Cato, Shiyun Hilary (Statistics)

Chadha, Japjeet Singh (Business Administration and Mathematics)

Chen, Dao Qin (Statistics – Actuarial Science Minor)

Chen, Jiaqi (Actuarial Science – Statistics Minor) *

Chen, Yunchao (Statistics)

Cheng, Jiting (Business Administration and Mathematics & Honours Statistics) †

Chong, Callista (Actuarial Science – Finance Specialization & Honours Statistics) *

Choo, Benjamin Arthur (Business Administration and Mathematics)

Cui, Yunpeng (Statistics)

Dai, Wenbo (Actuarial Science & Honours Statistics) *

Dai, Yuxiang (Actuarial Science & Honours Statistics) *

Dawe, Michael Joseph (Business Administration and Mathematics) *

Deng, Xiaoyu (Business Administration and Mathematics & Honours Actuarial Science – Statistics Minor)

* – Distinction

† – Dean's Honours

- Devasar, Virat** (Statistics)
- Dong, Shu** (Actuarial Science & Honours Statistics) *
- Ehirim, Chijioke Pascal** (Statistics – Computing Minor)
- Emerson, Kieran McIntyre** (Actuarial Science – Combinatorics and Optimization Minor)
- Feng, Wanghan** (Mathematical Studies – Business Specialization)
- Fletcher, William** (Mathematical Studies)
- Fong, Michael** (Statistics)
- Gao, Yexuan** (Mathematical Studies)
- Gao, Yifan** (Actuarial Science/ Predictive Analytics Option & Honours Statistics) *
- Gibson, Kimberly** (Mathematical Studies – English Language and Literature Minor, Applied Mathematics Minor)
- Gu, Yunfei** (Actuarial Science & Honours Statistics)
- Guo, Weiyl** (Mathematical Studies – Statistics Minor)
- Han, Jamie Jae-Ung** (Mathematical Studies – Combinatorics and Optimization Minor, Computing Minor)
- Hardy, Rebecca Lynn** (Mathematical Studies – Business Specialization)
- Heckel, Jennifer Hope** (Business Administration and Mathematics)
- Huang, Yuan Hui** (Statistics – Economics Minor)
- Jairam, Brian** (Statistics – Computational Mathematics Minor) †
- Jiang, Shui Yao** (Mathematical Studies)
- Jin, Yun** (Statistics – Computing Minor)
- Jung, Minji** (Statistics – Computing Minor)
- Kang, Junyoung** (Statistics)
- Lawrence, Owen Herman James** (Business Administration and Mathematics)
- Lebrasseur, Ryan Michael** (Statistics – Computational Mathematics Minor) *
- Lee, Nakyum** (Statistics – Computing Minor) *
- Lee, Tyson Shawn** (Statistics & Honours Computational Mathematics)
- Leistner, Emily** (Business Administration and Mathematics – Statistics Minor)
- Li, Nan** (Business Administration and Mathematics & Honours Statistics) *
- Li, Xueqian** (Statistics & Honours Computational Mathematics – Actuarial Science Minor)
- Li, Yuyang** (Mathematical Studies)
- Liang, Thomas** (Statistics)
- Lim, Seokho** (Statistics – Combinatorics and Optimization Minor)
- Lin, Wen-hui** (Statistics) *
- Lindner-Liaw, Maia** (Statistics – Economics Minor) †
- Lisogurski, Alexa Leia** (Mathematical Studies – Computing Minor, Pure Mathematics Minor) *
- Liu, Chen** (Statistics)
- Liu, Xiaoyi** (Statistics)
- Liu, Xinhe** (Statistics)
- Lu, Jiaqi** (Statistics – Combinatorics and Optimization Minor) *
- Malik, Mohammad** (Mathematical Studies – Statistics Minor)
- Matiana, Shahbuland Shahzad** (Data Science) *
- Nasser, Muhammad Raza** (Actuarial Science)
- Nhan, Brandon Du** (Statistics)
- Ni, You** (Statistics)
- Pan, Ziyi** (Actuarial Science & Honours Statistics) *
- Puddifoot, Alex** (Mathematical Studies – Applied Mathematics Minor, History Minor)
- Qi, Weichao** (Actuarial Science & Honours Statistics)
- Qiao, Xinjie** (Data Science) *
- Qin, Ping** (Actuarial Science & Honours Statistics)
- Qin, Yuan** (Actuarial Science & Honours Statistics) *
- Ramsoobhag, Priyanka Monisha** (Statistics – Computing Minor)
- Serro, Alexandre Antonio** (Mathematical Studies – Computing Minor)
- Shah, Maitri** (Statistics & Honours Mathematics/Business Administration)
- Shao, Max** (Actuarial Science & Honours Statistics)
- Sharma, Shubham** (Statistics)
- Shen, Yifu** (Statistics – Applied Mathematics Minor)
- Shen, Zehai** (Actuarial Science & Honours Statistics)
- Shi, Minye** (Statistics)
- Sinha, Richie Jeet** (Mathematical Studies – Combinatorics and Optimization Minor, Computing Minor, Computational Mathematics Minor)
- Smalley, Tyler Stuart** (Business Administration and Mathematics & Honours Statistics) *
- Song, Chengzhe** (Actuarial Science – Statistics Minor)
- Song, Wenting** (Data Science) †
- Sriram, Swathi** (Business Administration and Mathematics)
- Sun, Haixin** (Actuarial Science – Finance Specialization)
- Syamala, Aavinash Reddy** (Mathematical Studies – Statistics Minor, Computational Mathematics Minor)
- Tan, Haowu** (Actuarial Science & Honours Statistics)
- Tang, Qi** (Statistics)
- Tang, Ruoxi** (Statistics)
- Tang, Yijun** (Statistics – Computing Minor) *
- Tehrani-Moein, Sina** (Business Administration and Mathematics & Honours Statistics) †
- Tong, Yifei** (Statistics – Economics Minor)
- Verslype, Jacob Tyler** (Mathematical Studies)
- Wang, Bonan** (Statistics & Honours Computational Mathematics)
- Wang, Jiaming** (Statistics)
- Wang, Yang** (Actuarial Science & Honours Statistics – Economics Minor)
- Wang, Yitian** (Mathematical Studies – Statistics Minor)
- Wang, Yukun** (Actuarial Science & Honours Statistics) *
- Weng, Yusong** (Statistics)
- Wibowo, Aurelya Rachell** (Actuarial Science & Honours Statistics) †
- WU, QIANYI** (Statistics)
- Wu, Ruixuan** (Mathematical Studies – Business Specialization – Computing Option)
- Wu, Yiwei** (Statistics) *
- Xiao, Ariel Qianwei** (Actuarial Science – Statistics Minor)
- Xiao, Ruoyao** (Actuarial Science & Honours Statistics) *
- Xing, Jianglong** (Data Science)
- Xu, Ke** (Data Science) *
- Xu, Siming** (Data Science) †
- Xu, Yuming** (Business Administration and Mathematics – Actuarial Science Minor) *
- Xue, Yingwen** (Statistics)
- Yang, Shuxin** (Statistics – Actuarial Science Minor)

* – Distinction

† – Dean's Honours

Yang, Wangyue (Actuarial Science & Honours Statistics) *

Yang, Yixiao (Actuarial Science & Honours Statistics)

Yang, Zhenyu (Data Science)

Yao, Chenxi (Data Science – Actuarial Science Minor) *

Yao, Kefei (Statistics – Pure Mathematics Minor)

Yao, Wenqian (Statistics & Honours Combinatorics and Optimization – Pure Mathematics Minor) *

Yu, Xinchun (Statistics & Joint Honours Actuarial Science)

Yuan, Fei (Mathematical Studies – Statistics Minor)

Yuan, Yuqi (Actuarial Science & Honours Statistics) †

Zahoor, Saad Atif (Statistics – Actuarial Science Minor) *

Zhang, Anyi (Mathematical Studies – Legal Studies Minor)

Zhang, Haoqi (Data Science) *

Zhang, Haoyu (Actuarial Science – Statistics Minor)

Zhang, Jianlong (Statistics) *

Zhang, Jiayi (Statistics) †

Zhang, Sundonglong (Statistics – Computing Minor) *

Zhang, Xinyuan (Statistics) *

Zhang, Yu Quan (Statistics)

Zhang, Yunhao (Statistics)

Zhao, Xuanxuan (Actuarial Science) *

Zheng, Lanhe (Statistics – Actuarial Science Minor)

Zhong, Laiyi (Mathematical Studies – Business Specialization – Computing Minor)

Zhou, Mingxuan (Statistics & Honours Combinatorics and Optimization – Pure Mathematics Minor) *

Zou, Xuecheng (Statistics)

HONOURS CO-OPERATIVE PROGRAM

Amaranath, Aurtheysh (Statistics – Combinatorics and Optimization Minor)

Anderson, Eric Robert (Statistics & Honours Computational Mathematics)

Azra, Rajbir Singh (Statistics – Biology Minor) *

Bai, Jack (Statistics)

Bajnathsingh, Reece Vishal Lokesh (Data Science) †

Blazevic, Victoria Mary (Statistics – Actuarial Science Minor)

Brazeau, Sarah Ann (Mathematical Studies – Business Specialization – Computing Minor)

Bumbulis, Laura Sylvia (Statistics & Honours Combinatorics and Optimization – Pure Mathematics Minor) †

Carlson, Trevor David (Business Administration and Mathematics – Computing Minor)

Chan, Andy (Data Science)

Chan, Jia Yi (Data Science) †

Chandraphalan, Vaishnavi (Actuarial Science – Statistics Minor)

Chen, Jier (Statistics – Computing Minor) *

Chen, Kaijun (Actuarial Science & Joint Honours Statistics)

Chen, Longyao (Actuarial Science & Honours Statistics)

Chen, Xingying (Statistics & Honours Combinatorics and Optimization – Computational Mathematics Minor) *

Cheng, Ming Sum Hilary (Business Administration and Mathematics) *

Chengadu, Keven (Actuarial Science & Honours Statistics)

Chong, Weng Liang (Statistics & Honours Computational Mathematics – Computing Minor)

Cimermancic, Lukas Daniel (Data Science) †

Connell-Tombs, Matthew (Statistics – Actuarial Science Minor) †

Cui, Bolun (Actuarial Science & Honours Statistics) †

Dabke, Rohit Sachin (Business Administration and Mathematics – Computing Minor) *

Dang, Laura Yu-Shen (Statistics – Computing Minor) *

Deng, Jasmine Ning (Actuarial Science & Honours Statistics)

Ding, Yu Hao (Statistics – Computational Mathematics Minor, Combinatorics and Optimization Minor)

Douglas, Kara Nicole (Actuarial Science) *

Duan, Yun han (Actuarial Science & Honours Statistics) †

Feng, Ji Han (Statistics & Honours Computational Mathematics – Computing Minor) †

Feng, Jilin (Statistics)

Gajendragadkar, Rohit (Statistics) *

Gong, Xiaoping (Actuarial Science & Honours Statistics)

Goyal, Akshar Shailesh (Statistics – Computational Mathematics Minor, Computing Minor) *

Griffin, Cassandra Anne (Actuarial Science – Statistics Minor)

Hamalainen, Kaitlyn Elena (Mathematical Studies – Business Specialization)

Han, Minchan (Statistics – Computing Minor)

Hao, Jinchen (Business Administration and Mathematics & Honours Statistics) *

Hao, Yunjie (Actuarial Science & Honours Statistics)

Hewa Batuwitage, Joshua Zeno (Actuarial Science – Statistics Minor)

Hinton, Cameron Edward (Statistics – Computing Minor)

Hsiung, Charlene Chia-Yih (Actuarial Science – Statistics Minor)

Huang, Shuyan (Business Administration and Mathematics & Honours Statistics) *

Hwang, Suk Joon (Statistics & Honours Applied Mathematics) *

Jahanzeb, Saad (Mathematical Studies)

Jaseharan, Apiraam (Statistics)

Jejo, Sarah Amy (Statistics – English Language and Literature Minor) †

Ji, Angela (Mathematical Studies)

Ji, Yuki (Statistics) *

Jiang, Zhujiang (Actuarial Science & Honours Statistics)

Jiang, Zihan (Statistics & Honours Computational Mathematics – Computing Minor) †

Kim, Keon Wook (Mathematical Studies – Computing Minor)

Knox, Carter Stewart (Statistics)

Kowlessar, Matthew Joshua (Statistics – Economics Minor)

Lai, Leo Chung Kit (Statistics)

Lai, Zhuoye (Statistics & Honours Actuarial Science) †

Lam, Jayden Karbo (Mathematical Studies – Computing Minor)

Lawrence, Horace (Mathematical Studies – Statistics Minor)

Lerner, Philip Michael (Statistics – Computing Minor) *

Li, Anna Dean (Statistics)

* – Distinction

† – Dean's Honours

- Li, Anqi** (Actuarial Science/
Predictive Analytics Option &
Honours Statistics) *
- Li, Baoyu** (Statistics – Actuarial
Science Minor, Computing Minor) *
- Li, Pusheng** (Statistics)
- Li, Shao Zhong** (Statistics & Honours
Computational Mathematics –
Computing Minor) *
- Li, Yifan** (Actuarial Science &
Honours Statistics) †
- Li, Yinshi** (Business Administration
and Mathematics – Statistics Minor) †
- Li, Yuhong** (Biostatistics & Honours
Computer Science – Cognitive
Science Minor) †
- Li, Yuze** (Statistics – Computational
Mathematics Minor) *
- Liang, Billy** (Statistics)
- Lin, Kara Ka Wai** (Data Science) †
- Liu, James Tianyi** (Actuarial Science –
Finance Specialization – Statistics
Minor) *
- Liu, Shuhao** (Statistics & Honours
Computational Mathematics –
Computing Minor) *
- Liu, Simon** (Actuarial Science/
Predictive Analytics Option) *
- Liu, Yu Qing** (Mathematical Studies –
Actuarial Science Minor)
- Lock Son, Andrew Shian Min**
(Actuarial Science & Honours
Statistics) †
- Loubenski, Lilia** (Actuarial Science &
Honours Statistics) *
- Loy, Ka Hon Gareth** (Actuarial
Science & Honours Statistics) †
- Lu, Kai** (Statistics)
- Luo, Anqi** (Actuarial Science &
Honours Statistics) †
- Luo, Fresa Hong Yi** (Actuarial
Science/Predictive Analytics Option &
Honours Statistics) *
- Luo, Qizi** (Business Administration
and Mathematics & Honours
Combinatorics and Optimization –
Statistics Minor) †
- Lyou, Jin** (Statistics – Computing
Minor) *
- Ma, Jiaze** (Business Administration
and Mathematics & Honours
Statistics)
- MacLellan, Jonathan Aloysius**
(Mathematical Studies – Computing
Option – Pure Mathematics Minor)
- Malhi, Dilmeet Kaur** (Statistics –
Computing Minor) *
- Malinowski, Victor Michael**
(Biostatistics) *
- McCleary, Reuben Gerhard**
(Statistics – Pure Mathematics Minor,
Computing Minor)
- McEllistrum, Kyra Ann**
(Mathematical Studies – Computer
Science Minor, French Minor)
- Mehta, Veeraj** (Actuarial Science –
Finance Specialization & Joint
Honours Statistics) *
- Moon, Heewon** (Actuarial Science)
- Naik, Anisha** (Actuarial Science &
Honours Statistics) *
- Narendran, Kohulan** (Mathematical
Studies – Statistics Minor)
- Narula, Arkin** (Actuarial Science &
Honours Statistics)
- Nguyen, Dieu Hoa** (Statistics & Joint
Honours Actuarial Science)
- Nguyen, Duc Minh** (Statistics –
Computing Minor)
- Noël, Sebastien Michaël Shawn**
(Actuarial Science & Honours
Statistics) *
- Oh, Jeyoung** (Statistics – Computing
Minor)
- Osman, Liban Abdinur** (Statistics)
- Paine, Lucy Brenda** (Business
Administration and Mathematics –
Statistics Minor) †
- Park, Robert Jeffrey Gary** (Data
Science) †
- Parmasar, Rajeev** (Actuarial Science &
Honours Statistics)
- Payne, Jessica Marie** (Biostatistics –
Computing Option) *
- Peng, Huijun** (Actuarial Science &
Honours Statistics) *
- Petro, Michael Giovanni** (Business
Administration and Mathematics)
- Prabakaran, Arjun** (Data Science –
Combinatorics and Optimization
Minor) *
- Rai, Kapil** (Actuarial Science)
- Ravichanran, Surean** (Statistics) *
- Roy, Rayan** (Statistics) *
- Sadovsky, Ron** (Statistics –
Computing Minor)
- Sakurai, Seiji Maxmillian**
(Mathematical Studies – Computing
Minor)
- Sauve, Claire Ellen** (Business
Administration and Mathematics &
Honours Statistics – Actuarial
Science Minor) *
- Semak, Brooke** (Actuarial Science &
Honours Statistics) *
- Senko, Samuel Edward Spriet**
(Business Administration and
Mathematics & Joint Honours Pure
Mathematics & Joint Honours
Statistics) †
- Shahzad, Saquib** (Mathematical
Studies – Computational
Mathematics Minor, Computer
Science Minor, Economics Minor)
- Shao, Boya** (Actuarial Science –
Predictive Analytics Specialization &
Honours Statistics) †
- Shim, Karen Ashley** (Actuarial
Science – Predictive Analytics
Specialization & Honours Statistics)
- Shin, Joan** (Actuarial Science &
Honours Statistics) *
- Shu, Ying** (Business Administration
and Mathematics & Honours
Combinatorics and Optimization &
Honours Statistics) *
- Singh, Kevan Satyen** (Actuarial
Science & Honours Statistics) *
- Song, Renchang** (Statistics –
Applied Mathematics Minor) *
- Sonnenburg, Rhett Mackenzie**
(Business Administration and
Mathematics – Computing Minor) *
- Sun, Esbo** (Statistics)
- Teh, Ying Wei** (Actuarial Science/
Predictive Analytics Option &
Honours Statistics) †
- Tham, Nicole Yen Li** (Actuarial
Science & Honours Statistics)
- Ting, Denissa** (Actuarial Science/
Predictive Analytics Option &
Honours Statistics) *
- Trang, Sydney** (Actuarial Science &
Honours Statistics) *
- Tripathi, Vinay Krishna** (Business
Administration and Mathematics &
Honours Statistics – Actuarial
Science Minor) *
- Tulloch, Joshua William** (Actuarial
Science & Honours Statistics)
- Wang, Chengzhi** (Statistics &
Honours Computational
Mathematics) †
- Wang, Chenxin** (Statistics & Honours
Combinatorics and Optimization) †
- Wang, Jiayi** (Data Science –
Combinatorics and Optimization
Minor, Computational Mathematics
Minor) †
- Wang, Joseph Hao** (Data Science –
Economics Minor) †
- Wang, Sijia** (Statistics – Applied
Mathematics Minor, Physics Minor) †
- Wang, Yichen Carolyn** (Statistics –
Computing Minor) *

* – Distinction

† – Dean's Honours

Wang, Yifan (Actuarial Science – Statistics Minor) *

Wang, Zi jian (Actuarial Science & Honours Statistics – Economics Minor)

Wang, Ziyi (Mathematical Studies – Pure Mathematics Minor, Computer Science Minor) †

Wei, Jia Ying (Actuarial Science & Honours Statistics) *

Wong, Ann Gie (Statistics – Computing Minor) *

Wong, Brennan Kam Hei (Actuarial Science & Honours Statistics)

Wong, Wilson Pak Long (Statistics)

Wu, Chu Xin (Actuarial Science & Honours Statistics) *

Wu, Haohui (Mathematical Studies – Computing Minor)

Wu, Jiang (Statistics)

Wu, Ryan Peiyu (Statistics) *

Wu, Yimo (Actuarial Science & Honours Statistics) †

Wu, Yuchuan (Data Science – Applied Mathematics Minor) *

Xiao, Bing Nan (Statistics – Computing Minor)

Xie, Yuhan (Statistics & Honours Combinatorics and Optimization – Computational Mathematics Minor) *

Xu, Haoxiang (Business Administration and Mathematics) *

Xu, Henry Shenghao (Statistics – Computational Mathematics Minor)

Xu, Jingwen (Actuarial Science & Honours Statistics) †

Xu, Niya (Mathematical Studies – Business Specialization – Computing Minor)

Xu, Yiwei (Statistics)

Yan, Yuyi (Statistics) *

Yang, Qianyu (Data Science) *

Yang, Yinze (Statistics – Computing Minor)

Yang, Yun Fan (Actuarial Science) †

Yao, Chenlong (Statistics & Honours Combinatorics and Optimization) *

Ye, DeXuan (Statistics & Honours Actuarial Science) *

Yong, Celine Chee-Lin (Statistics – Computing Minor, Economic Theory Minor)

You, Tracy (Actuarial Science/ Finance Option – Management Studies Minor) †

Yu, Jia (Statistics) *

Yuan, Hao (Data Science) *

Yuan, Lilian Lynette Quan (Statistics – Computer Science Minor) †

Zelle, Cole David (Actuarial Science & Honours Statistics)

Zhan, Jiahao (Statistics)

Zhang, Daniel (Statistics – Computing Minor)

Zhang, Minqi (Actuarial Science & Honours Statistics) †

Zhang, Yiming (Actuarial Science & Honours Statistics) *

Zhang, Zeheng (Statistics & Honours Computational Mathematics – Combinatorics and Optimization Minor)

Zhang, Zexiang (Actuarial Science & Honours Statistics) *

Zhang, Zirui (Statistics) *

Zhao, Hexuan (Statistics) *

Zhao, Jie (Actuarial Science & Honours Statistics) *

Zhao, Yutong (Statistics – Economics Minor) *

Zheng, Yuhang (Statistics)

Zhou, Anqi (Actuarial Science & Honours Statistics) *

Zhou, Jie (Actuarial Science & Honours Statistics) †

Zhou, Qinyi (Statistics & Honours Computational Mathematics) *

Zhou, Qiran (Actuarial Science & Honours Statistics)

Zhu, Meiting (Statistics & Honours Combinatorics and Optimization – Pure Mathematics Minor) *

Zhu, Terris (Actuarial Science)

Zhu, Ya (Actuarial Science & Honours Statistics) †

Zhu, Yiqing (Actuarial Science – Predictive Analytics Specialization & Honours Statistics) *

Zohair, Ali (Statistics – Computing Minor, Economics Minor) *

Zou, Lily (Biostatistics – Pure Mathematics Minor) *

Zou, Xiaoyu (Data Science) *

DIPLOMA IN FRENCH LANGUAGE II

Han, Jamie Jae-Ung

DIPLOMA IN JAPANESE LANGUAGE I

Song, Jiaqi
Tang, Yijun

DIPLOMA IN JAPANESE LANGUAGE II

Zhou, Anqi

CERTIFICATE IN EXPERIENTIAL EDUCATION

Belimova, Tatiana

CERTIFICATE IN GLOBAL EXPERIENCE

Li, Nan
Xie, Yuhan

* – Distinction

† – Dean's Honours



EVENING CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF MATHEMATICS

Graduate Degrees

DOCTOR OF PHILOSOPHY

Assem Abd-AlQader Mahmoud, Amena

(Combinatorics and Optimization)
“Edge-Disjoint Linkages in Infinite Graphs”

Boulter, Eric Thomas (Pure Mathematics)

“Vector Bundles on Non-Kähler Elliptic Surfaces”

Donganont, Mana (Applied Mathematics)

“Consensus Problems in Hybrid Multi-Agent Systems”

Im, Haesol (Combinatorics and Optimization)

“Implicit Loss of Surjectivity and Facial Reduction: Theory and Application”

Meng, Yiming (Applied Mathematics)

“Bifurcation and Robust Control of Instabilities in the Presence of Uncertainties”

Milne, Russell (Applied Mathematics)

“A Spatially Explicit Modeling Approach for Predicting and Managing the Effects of Coral Reef Stressors”

Nabergall, Lukas (Combinatorics and Optimization)

“Enumerative Perspectives on Chord Diagrams”

Nourian, Vahid (Applied Mathematics)

“Modeling and Simulation of Uni- and Multi-Flagellar Bacterial Locomotion in a Viscous Fluid”

Petrie, James Ian Mackie (Applied Mathematics)

“Decentralized Contact Tracing Protocols and a Risk Analysis Approach to Pandemic Control”

Smith-Roberge, Julien (Applied Mathematics)

“Microcolony Dynamics: Motion from Growth, Order, and Incompressibility”

Sun, Hao (Combinatorics and Optimization)

“Transversal Problems in Sparse Graphs”

MASTER OF MATHEMATICS

Adeku, Funmilayo Lateefat (Applied Mathematics – Co-operative Program)

Bedsole, Carter James

(Combinatorics and Optimization)

Bernakevitch, Andrew Scott Christian (Applied Mathematics)

Carbonero Gonzales, Alvaro Rodrigo (Combinatorics and Optimization)

Cheng, Jiahui (Combinatorics and Optimization)

D’Astous, Justin (Computational Mathematics – Co-operative Program)

Hamed, Waqas Bin (Computational Mathematics – Co-operative Program)

Hwang, Steven Munsu (Combinatorics and Optimization)

Iam, Hoi Cheong (Combinatorics and Optimization)

Kalichman, David (Combinatorics and Optimization)

Koerts, Hidde Oscar (Combinatorics and Optimization)

Li, Zhuqing (Applied Mathematics)

Livochka, Anastasiia (Computational Mathematics – Co-operative Program)

Mao, Brian (Applied Mathematics – Co-operative Program)

McConville, Spencer (Computational Mathematics – Co-operative Program)

McLaren, Darian Ashe (Applied Mathematics – Quantum Information)

Oluyemi, Momoiyoluwa Adeyemi (Applied Mathematics – Co-operative Program)

Pan, Guanting (Computational Mathematics – Co-operative Program)

Preciado Rivas, María Rosa (Applied Mathematics)

Quartz, Thanin (Applied Mathematics)

Rivera Omaña, María Fernanda (Combinatorics and Optimization)

Rundström, Mathieu Erik Charles (Combinatorics and Optimization)

Sadat Hosseini KHajouei, Dorsa (Applied Mathematics)

Siu, Kevin (Applied Mathematics)

Smith, Delaney Grace (Applied Mathematics – Co-operative Program)

Smolcic, Josip (Combinatorics and Optimization)

Vladusic, Stefan (Computational Mathematics – Co-operative Program)

Wan, Clement (Pure Mathematics)

Wang, Xuetong (Computational Mathematics)

Wilson, Spencer MacLaren (Combinatorics and Optimization)

Wong, Cassandra (Computational Mathematics – Co-operative Program)

Yalsavar, Maryam (Computational Mathematics – Co-operative Program)

Yao, Leon Chang Liang (Computational Mathematics – Co-operative Program)

Yusim, Samuel (Combinatorics and Optimization)

Zhang, Niejia (Computational Mathematics)

MASTER OF MATHEMATICS FOR TEACHERS

Bethune, Mark Philip

Colosimo, Adriano

Delaney, Jenna Marie

Dickson, Chris

Dottin, Ruth

Ferreira, Filipe Jesus

Frenette, Andree Danielle

Fyrrar, Karissa

Gilchrist, Krista Lynn

Griffiths, Gwendolyn Keely

Han, Miguel

Harrison, Ashley Lee-Anne

Ingraham, Tia Lynn

Kim, Doyoon

Lee, Deborah Borah

Love, Alexander Rennie

MacPhee, Kathleen Elizabeth

Manuel, Tesa

Mcnamara, Angela

Mirza, Batul Fatima

Perren, Alexander Walter

Probst, Jacqueline Renee

Rowe, William Watson

Smith, Ronald Kyle

Trochanowski, David

Zheng, Hairong

GRADUATE CERTIFICATE

Chugunova, Marina (University Teaching)

Undergraduate Degrees

BACHELOR OF MATHEMATICS

HONOURS PROGRAM

Ahady, Arash (Pure Mathematics – Statistics Minor)

Ala, Michael Francesco (Pure Mathematics – Applied Mathematics Minor) *

Anand, Vedika (Computational Mathematics – Statistics Minor, Economics Minor)

Ao, Hang Cheng (Computational Mathematics & Honours Statistics) *

Bader, Mujtaba Alfateh (Applied Mathematics)

Bai, Sichun (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Statistics Minor)

Bai, Xinwei (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics) †

Braga, Jakob Nicholas (Mathematical Physics) *

Chen, Jiahuang (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)

Chen, Junze (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)

Chen, Yuyuan (Information Technology Management)

Chen, Zhiyang (Pure Mathematics & Honours Combinatorics and Optimization – Philosophy Minor) *

Cheng, Steven Kevin (Combinatorics and Optimization & Honours Computational Mathematics – Computer Science Minor)

Cheng, Yujin (Pure Mathematics)

Cheung, Ian (Mathematical Finance – Computing Minor) †

Darbasie, Marc Daniel Nicholas (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)

Ding, Zijun (Mathematical Finance) *

Dorfman, Adam (Mathematical Physics) *

Dou, Ruihan (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics) †

Du, Jing Huan (Joint Pure Mathematics & Joint Honours Combinatorics and Optimization) †

Du, Qianhui (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Du, Qianqian (Mathematical Economics) *

Eaton, Sydney (Combinatorics and Optimization)

Faassen, Alexander Derek Rens (Computational Mathematics – Statistics Minor, Economics Minor) *

Farias, Justin Michael (Applied Mathematics – Physics Specialization) *

Fu, Yen-Kang (Pure Mathematics & Honours Combinatorics and Optimization) †

Gao, Ang (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Gu, Xiayu (Mathematics/Business Administration)

Han, Yiling (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization) †

Hu, Liwen (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization) †

Hu, Mingyuan (Computational Mathematics)

Hu, Yu (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Huang, Haoyi (Mathematics/Business Administration)

Jeffries, Shannon Alexa (Combinatorics and Optimization – Pure Mathematics Minor) †

Ji, Xinyi (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics)

Jia, Xi Man (Mathematics/Business Administration – Statistics Minor)

Jiang, Jing (Applied Mathematics & Honours Statistics)

Jiang, Jun (Mathematical Finance) †

Jiang, Weikang (Computational Mathematics & Honours Statistics)

Kaur, Ambra (Mathematics/Business Administration – Computing Minor)

Kim, ChanYong (Combinatorics and Optimization)

Kim, Nicole Jeeyoung (Computational Mathematics)

Kuwahara, Bruce Matthew (Applied Mathematics – Biology Specialization – Knowledge Integration Minor) †

Lei, Zikang (Pure Mathematics) †

Lemke, Amanda Jean (Mathematics/Business Administration)

Li, Delong (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Li, Jiecheng (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)

Li, Jingwen (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Li, Lejia (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Li, Qian (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor)

Li, Wen (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) †

Li, Xiang (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Statistics Minor) *

Li, Yanze (Mathematical Optimization – Operations Research Specialization & Honours Statistics) *

Li, Zhize (Applied Mathematics)

* – Distinction

† – Dean's Honours

- Linger, Andrew James** (Pure Mathematics – Economics Minor)
- Liu, Hao-Wei** (Combinatorics and Optimization – Pure Mathematics Minor)
- Liu, Jiayi** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *
- Liu, Kailin** (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor)
- Liu, Yiyi** (Information Technology Management – Statistics Minor)
- Lo Sasso, Luke** (Pure Mathematics – Computing Minor)
- Lowndes-Irwin, Annalina Elizabeth** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)
- Mcvittie, Matthew Konrad** (Combinatorics and Optimization – Psychology Minor)
- Mei, Yunya** (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization) *
- Miao, Zhiyi** (Pure Mathematics & Joint Honours Combinatorics and Optimization) *
- Mo, Ruoxing** (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics)
- Ouyang, Ziyu** (Computational Mathematics – Statistics Minor)
- Pandey, Anupriya** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *
- Parkhomenko, Pavlo** (Mathematical Finance – Economics Minor)
- Priebe, Nicholas Timothy** (Pure Mathematics) †
- Rajkumar, Rishi Darren** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)
- Rajpal, Vaani** (Combinatorics and Optimization – Philosophy Minor)
- Rampersad, Rory Rudra** (Mathematics/Business Administration – Computing Minor)
- Rao, Sameer Valerio** (Mathematical Optimization – Operations Research Specialization) *
- Scott, James** (Mathematics/Business Administration – Computing Minor)
- Shaban, Kimia** (Combinatorics and Optimization – Computing Minor) †
- Shen, Yao** (Combinatorics and Optimization – Philosophy Minor)
- Shiner, Austin Wing-Ho** (Pure Mathematics) †
- Sikdar, Sailesh** (Mathematics/Business Administration – Computing Minor)
- Song, Yuanzheng** (Mathematical Finance & Joint Honours Pure Mathematics) *
- Song, Zhuoyuan** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)
- Summers, Pauline Claire** (Applied Mathematics with Scientific Computing) *
- Sun, Lurui** (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)
- Sun, Scholar** (Combinatorics and Optimization & Honours Statistics – Pure Mathematics Minor) *
- Svarte-Bourra, Edric-Auguste** (Mathematical Economics) †
- Tanchip, Corbin Nicholas** (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)
- Tang, Sylvia** (Computational Mathematics – Combinatorics and Optimization Minor, Computing Minor) *
- Terning, Jackson Leif James** (Pure Mathematics – Computer Science Minor) *
- Tong, Chi Wah** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) †
- Trinh, Hoai Khang Ken** (Mathematical Optimization – Operations Research Specialization)
- Tu, Yiheng** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Statistics Minor) *
- Tutu, Stefan Alex** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)
- Vaidya, Kshitij Mandar** (Mathematical Physics)
- Vandervies, David John** (Pure Mathematics) †
- Vasiu, Christopher** (Combinatorics and Optimization) *
- Veeramoothoo, Kandisen** (Mathematical Finance & Honours Statistics – Computational Mathematics Minor, Pure Mathematics Minor) *
- Wang, Huxuan** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Statistics Minor) *
- Wang, Jinghan** (Applied Mathematics – Engineering Specialization – Pure Mathematics Minor) *
- Wang, Jinyan** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)
- Wang, Junrong** (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) †
- Wang, Qi** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) †
- Wang, Ruoshui** (Applied Mathematics)
- Wang, Weiyi** (Mathematical Finance)
- Wang, Wenxu** (Mathematics/Business Administration)
- Wang, Yi** (Mathematical Economics)
- Wei, Lini** (Mathematical Economics – Statistics Minor) *
- Westerholm, Karl Stephen** (Mathematical Physics – East Asian Studies Minor)
- Wolfe, Jaymee Julian** (Pure Mathematics & Honours Combinatorics and Optimization) *
- Wu, Julie** (Combinatorics and Optimization – Computing Minor) *
- Wu, Tingshuang** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)
- Wu, Yuyan** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)
- Xiang, Yunhai** (Pure Mathematics) *
- Xiong, Xinchen** (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) †
- Xu, Qingze** (Mathematical Finance & Honours Statistics – Pure Mathematics Minor) *

* – Distinction

† – Dean's Honours

Yang, Kunling (Computational Mathematics & Honours Statistics – Economics Minor) †

Yang, Yida (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) †

Yang, Zhirui (Mathematics/Business Administration)

Yao, Huilin (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics) *

Ye, Huiyi (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Statistics Minor) *

Ye, Liujia (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) †

YIN, Pinhua (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) †

Yin, Yijin (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) *

Yuan, Jianhao (Computational Mathematics – Statistics Minor, Computing Minor, Combinatorics and Optimization Minor)

Zhang, Alan Yilong (Pure Mathematics)

Zhang, Chenan (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Zhang, Jiacheng (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics)

Zhang, Jiakai (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Statistics Minor) *

Zhang, Jingyao (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics)

Zhang, Songyue (Computational Mathematics)

Zhang, Xiaojing (Mathematical Finance & Honours Statistics) †

Zhang, Xinyi (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics) †

Zhang, Xinyue (Applied Mathematics – Economics Specialization) *

Zhang, Yihui (Combinatorics and Optimization – Computational Mathematics Minor) *

Zhang, Yuanzhe (Applied Mathematics) *

Zhang, Yuetian (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization) *

Zhang, Yuxia (Combinatorics and Optimization & Honours Computational Mathematics)

Zhao, Qicheng (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization – Statistics Minor) †

Zhao, Ranran (Pure Mathematics) *

Zhao, Wenhan (Combinatorics and Optimization) *

Zhao, Yichun (Mathematics/Financial Analysis & Risk Management –Chartered Financial Analyst Specialization – Statistics Minor) *

Zhao, Yixing (Computational Mathematics – Combinatorics and Optimization Minor, Computing Minor, Statistics Minor) †

Zhao, Ziqing (Mathematics/Business Administration – Statistics Minor)

Zhu, Yonglai (Mathematical Finance & Honours Actuarial Science) †

HONOURS CO-OPERATIVE PROGRAM

Alani, Navaz (Combinatorics and Optimization) *

Allen, Connor John (Applied Mathematics)

Aneja, Harsimran Singh (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization – Statistics Minor) †

Ashar, Unnati Atul (Mathematics/Financial Analysis & Risk Management–Chartered Financial Analyst Specialization) *

Badhol, Hartik Singh (Mathematics–Chartered Professional Accountancy)

Badovinac, Ryan Michael (Mathematics–Chartered Professional Accountancy – Computing Minor)

Bai, Fang Rui (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization) *

Barredo, Renee Ysabelle (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization – Statistics Minor) *

Befekadu, Jonathan Get (Mathematical Physics) *

Benedict, Samuel (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization & Honours Statistics – Computational Mathematics Minor) †

Bhandari, Tunisha (Mathematics/Financial Analysis & Risk Management–Chartered Financial Analyst Specialization)

Bishop, John Bruce (Mathematical Physics)

Briggs, Matthew Robert (Combinatorics and Optimization)

Bustos Bueno, Valerie Denisse (Pure Mathematics – Computing Minor) *

Cai, Keke (Mathematics/Chartered Professional Accountancy – Finance Option)

Chen, Bingzhi (Pure Mathematics – Computing Minor, East Asian Studies Minor) *

Chen, Danny (Mathematics–Chartered Professional Accountancy)

Chen, Guanhan (Applied Mathematics)

Chen, Jason D (Mathematics/Financial Analysis & Risk Management–Chartered Financial Analyst Specialization)

Chen, Joshua Jiajie (Mathematics/Financial Analysis & Risk Management–Chartered Financial Analyst Specialization)

Chen, Siyan (Mathematics/Chartered Professional Accountancy – Finance Option) *

Chen, Yaqi (Mathematics–Chartered Professional Accountancy)

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

Chen, Zhiyi (Mathematics/Chartered Professional Accountancy – Finance Option) *

Cheng, Yiwen (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization – Statistics Minor) *

Cheung, Benedict Pak Tak (Mathematics–Chartered Professional Accountancy) *

* – Distinction

† – Dean's Honours

Deering, Rachel Marie (Mathematics-Chartered Professional Accountancy)

Dhoomon, Vaibhavi (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization & Honours Statistics)

Ding, Xinwen (Applied Mathematics & Honours Combinatorics and Optimization & Honours Computational Mathematics) †

Elias, Evelyn (Mathematics/Chartered Professional Accountancy – Finance Option)

Elkateb, Reem (Information Technology Management)

Equently, Veronique (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Fan, Lijie (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization & Honours Statistics) *

Fu, Yuchen (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Gong, Yi (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization)

Gouchtchina, Alexandra (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

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

Gutman, Yuval Or (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization – Statistics Minor) *

Han, Xiaoyu (Mathematics/Business Administration)

Ho, Chun Wei (Mathematics/Chartered Professional Accountancy – Finance Option)

Ho, Wing Yee Victoria (Mathematics/Chartered Professional Accountancy – Finance Option) *

Hu, Guangqiuse (Computational Mathematics & Joint Honours Statistics – Computer Science Minor) *

Hu, Yiwen (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Statistics Minor) †

Huab, Daniel Reyes (Mathematics/Teaching – Pure Mathematics Minor, French Minor)

Huang, Huiwen (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Huang, Qizhao (Pure Mathematics & Honours Mathematical Physics & Joint Honours Combinatorics and Optimization – Computer Science Minor) †

Husein, Sophia (Combinatorics and Optimization & Honours Computational Mathematics – Statistics Minor) *

Ikwan, Rafelia (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor)

Ishtiaq, Simrah (Mathematics/Business Administration)

Jiang, Kelan (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) †

Jiang, Kerui (Combinatorics and Optimization – Computational Mathematics Minor)

Jiang, Zining (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)

Jin, Dian (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization – Statistics Minor) †

Jin, Xi (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)

Jin, Yushan (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) *

Johnstone, Owen Frederick (Mathematics-Chartered Professional Accountancy)

Jung, Minhyeok (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Economic Theory Minor) †

Kandola, Triman Singh (Computational Mathematics – Combinatorics and Optimization Minor, Computing Minor)

Kaur, Harneet (Mathematics-Chartered Professional Accountancy)

Khan, Sameer Ali (Information Technology Management)

Kolekar, Omkar Nitin (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor)

Laframboise, Erik Thomas (Mathematics-Chartered Professional Accountancy)

Lall, Isaac (Mathematics/Business Administration)

Lam, Anson Ho Man (Mathematics-Chartered Professional Accountancy) *

Lee, Joh Ann (Computational Mathematics & Honours Statistics – Economics Minor) *

Lee, Martin Lok Tin (Pure Mathematics & Honours Combinatorics and Optimization) *

Li, Gan Lu (Mathematics/Teaching – Computing Minor, Pure Mathematics Minor) *

Li, Huixin (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) *

Li, Muzihe (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) †

Li, Yaotong (Information Technology Management)

Liang, Jingya (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Liu, Chang (Computational Mathematics & Honours Statistics – Computing Option)

Liu, Haiyue (Combinatorics and Optimization & Honours Statistics) *

Liu, Kevin (Information Technology Management)

Liu, Lening (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization & Honours Statistics) *

Liu, Nicholas Yang (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Liu, Zhenyang (Mathematical Finance & Honours Statistics – Pure Mathematics Minor) *

Luchun, Geetika (Mathematical Economics – Statistics Minor) †

* – Distinction

† – Dean's Honours

Lupu, Ioan Mihnea (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Lyu, Keying (Mathematics-Chartered Professional Accountancy – Statistics Minor) *

Ma, Jiujiu (Computational Mathematics – Computer Science Minor)

Ma, Wenqing (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Actuarial Science Minor) †

Macri, Vincent David (Pure Mathematics & Honours Combinatorics and Optimization) *

Mao, Aaron Lin Lin (Mathematics-Chartered Professional Accountancy – Computing Option) *

Mcauley, Paul Winston (Pure Mathematics) †

Mctavish, Ethan Luis Villanueva (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Economics Minor) †

Meng, Jiawen (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization) *

Meng, Keyan (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) *

Min, Zixiao (Mathematical Finance & Honours Statistics – Computing Minor, Pure Mathematics Minor) *

Mou, Difei (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Muthiah Pillai, Sathya (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Narang, Mohanpreet Singh (Computational Mathematics – Computing Minor, Psychology Minor)

Ng, Wei Keat (Applied Mathematics – Pure Mathematics Minor) *

Oh, Ji Ho (Computational Mathematics – Computing Minor)

Olliviera, Stachenne Antonia Ruth (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization) *

Pan, Siqi (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Pan, Zeyu (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization & Honours Statistics) *

Pannu, Sukhjit Singh (Mathematics-Chartered Professional Accountancy) *

Parapurath, Priya (Mathematics/Chartered Professional Accountancy – Finance Option) †

Parikh, Sharv Saumil (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) *

Patel, Dip Akshar (Mathematics/Chartered Professional Accountancy – Finance Option)

Pivato, Jordan Simon (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) *

Qin, Dewei (Mathematics-Chartered Professional Accountancy – Computing Minor) *

Qiu, Tiankai (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Qiu, Yue (Mathematics/Chartered Professional Accountancy – Finance Option) †

Rae, Terra Donna (Mathematics-Chartered Professional Accountancy) *

Rajpal, Amogh (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Ramlogan, Maehak Sandhya Jyoti (Combinatorics and Optimization & Honours Computational Mathematics – Economics Minor) †

Robinson, Colin Whiteley (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization & Honours Statistics) *

Rodriguez, Daniel Liam (Mathematics-Chartered Professional Accountancy – Computing Minor) †

Romshoo, Faisal (Pure Mathematics) †

Samarasena, Dasni Senara (Mathematics/Business Administration) *

Sandhu, Sumeet Raj Singh (Computational Mathematics – Statistics Minor, Computing Minor)

Schmider, Jiayun (Mathematical Physics – Computing Minor) †

Shan, Wenqi (Pure Mathematics & Honours Combinatorics and Optimization) *

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

Shen, Siyun (Computational Mathematics & Joint Honours Computer Science – Combinatorics and Optimization Minor) †

Sheth, Samyak Sanjeev (Computational Mathematics – Statistics Minor, Computing Minor, Economics Minor) *

Shi, Man Xin (Mathematics-Chartered Professional Accountancy)

Simmons, Miles Jude (Combinatorics and Optimization – Biology Minor) †

Singh, Kritnoor (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Smith, Andrew Tyler (Mathematics-Chartered Professional Accountancy) *

Su, Jimmy (Mathematics-Chartered Professional Accountancy)

Sun, Henry Haobing (Mathematics-Chartered Professional Accountancy)

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

Sun, Yunyi (Mathematics/Chartered Professional Accountancy – Finance Option) *

Tang, Tianyi (Computational Mathematics – Physics Minor)

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

Tingling, Gareth Alexander (Mathematical Finance)

To, Daniel Yue Hei (Mathematics/Business Administration)

Totoo, Khishma Darshnee (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization & Honours Statistics) *

Tu, Chuan (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization & Honours Biostatistics) †

Tu, Julia (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization – Computing Minor) *

Vadigi, Suhaas Venkata Sai (Computational Mathematics)

* – Distinction

† – Dean's Honours

Vaid, Yukti (Mathematics/Business Administration – Statistics Minor)

Vasishth, Kartikya (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Vaux, Haley Nicole (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) †

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

Verhaar, Tyler Magnus (Mathematical Finance & Honours Statistics) *

Vu, Thien Ngan An (Mathematics-Chartered Professional Accountancy)

Wan, Yuchen (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization & Honours Statistics) *

Wang, Haoxiang (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization & Honours Statistics) †

Wang, HongYue (Mathematics/Chartered Professional Accountancy – Finance Option) *

Wang, Jiaxin (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) *

Wang, Jonathan (Computational Mathematics – Combinatorics and Optimization Minor)

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

Wang, Shujian (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization & Honours Statistics) †

Wang, Shuyun (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization & Honours Statistics) †

Wang, Sijia (Mathematics-Chartered Professional Accountancy)

Wang, Yu Han (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization – Statistics Minor)

Wang, Yu Han (Combinatorics and Optimization & Honours Statistics) *

Wang, Zhan (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics) †

Wei, Xinyang (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Joint Honours Statistics)

Wei, Yuan (Pure Mathematics – Computer Science Minor) †

Wei, Zirui (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Wu, Keqi (Applied Mathematics with Scientific Computing & Honours Statistics – Computing Minor) *

Wu, Qianrui (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Statistics Minor) *

Wu, Yi Ran (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Wu, Yue (Mathematical Finance & Honours Statistics) *

Wu, Yun Qing (Mathematical Physics) †

Wu, Zehui (Computational Mathematics & Honours Statistics) *

Xie, Xinyue (Mathematical Physics & Honours Pure Mathematics & Honours Combinatorics and Optimization – Astrophysics Minor) †

Xiong, Yanjun (Mathematics/Business Administration)

Xu, Chenrui (Mathematics/Teaching & Honours Statistics & Joint Honours Pure Mathematics – Computational Mathematics Minor) †

Xu, Lu (Mathematical Finance) †

Xu, Yufan (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization & Honours Statistics) †

Xue, Wei (Mathematics/Chartered Professional Accountancy – Finance Option) *

Yang, Daiwen (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics) †

Yang, Haiqi (Computational Mathematics & Honours Statistics) *

Yang, Kai Hsiang (Pure Mathematics & Honours Computer Science) †

Yang, Shihui (Mathematics/Chartered Professional Accountancy – Finance Option – Computing Minor) †

Yang, Shuya (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization) *

Yang, Xiaoling (Computational Mathematics – Computing Minor, Statistics Minor) *

Yang, Xinming (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Actuarial Science) *

Yang, Yiwen (Mathematical Finance & Honours Statistics)

Yang, Yizhou (Mathematics/Chartered Professional Accountancy – Finance Option) †

Yang, Zijie (Mathematics-Chartered Professional Accountancy) *

Yang, Zikun (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization – Statistics Minor) *

Yao, Kang (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Honours Statistics) †

Yao, Yunhao (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Computing Minor) *

Yu, Ewen (Mathematical Economics – Statistics Minor)

Yu, Justin Yan Yee (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization & Honours Statistics) *

Yu, Ronny (Mathematics-Chartered Professional Accountancy) †

Zain, Ali (Combinatorics and Optimization)

Zhan, Yuntian (Mathematical Finance & Honours Actuarial Science) †

Zhang, Grace (Mathematics-Chartered Professional Accountancy – Computing Minor) *

Zhang, Hao Ning (Mathematical Finance – Statistics Minor, Pure Mathematics Minor) *

Zhang, Qi (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Computing Minor, Statistics Minor) †

* – Distinction

† – Dean's Honours

Zhang, Tianhao (Mathematics/
Financial Analysis & Risk
Management – Professional Risk
Management Specialization &
Honours Actuarial Science) †

Zhang, Tingyao (Mathematics/
Financial Analysis & Risk
Management – Professional Risk
Management Specialization –
Statistics Minor) †

Zhang, Xinran (Computational
Mathematics)

Zhang, Yi Lin (Mathematics/Chartered
Professional Accountancy –
Finance Option)

Zhang, Yue (Mathematics/Financial
Analysis & Risk Management –
Chartered Financial Analyst
Specialization – Statistics Minor)

Zhang, Yuhan (Computational
Mathematics) *

Zhang, Zhaoxin (Mathematical
Finance & Honours Statistics – Pure
Mathematics Minor) †

Zhao, Fei Xiong (Mathematics/
Financial Analysis & Risk
Management – Professional
Risk Management Specialization
& Honours Computational
Mathematics – Computing Minor)

Zhao, WenJing (Mathematics/
Financial Analysis & Risk
Management – Professional Risk
Management Specialization –
Computing Option – Statistics Minor) *

Zhao, Yueshan (Mathematics–
Chartered Professional Accountancy)

Zheng, Bo (Mathematics/Financial
Analysis & Risk Management –
Chartered Financial Analyst
Specialization – Actuarial Science
Minor, Statistics Minor) †

Zheng, Chenxiang Michael
(Mathematics/Financial Analysis &
Risk Management – Professional
Risk Management Specialization –
Computing Option – Statistics Minor)

Zhou, Haoyang (Mathematics/
Financial Analysis & Risk
Management – Chartered Financial
Analyst Specialization) *

Zhou, Wilson (Mathematics–
Chartered Professional Accountancy)

Zhu, Jiayun (Mathematical
Optimization – Operations Research
Specialization & Honours Statistics) *

Zhu, Martha (Mathematics–Chartered
Professional Accountancy –
Computing Option)

Zhu, Siyi (Applied Mathematics &
Joint Honours Biology – Statistics
Minor) †

Zhu, Yi Wei (Mathematics–Chartered
Professional Accountancy)

Zhu, Yiming (Mathematics–
Chartered Professional
Accountancy)

Zuo, YiJie (Mathematics–Chartered
Professional Accountancy)

DIPLOMA IN ENGLISH FOR MULTILINGUAL SPEAKERS

Wang, Jinghan

DIPLOMA IN FRENCH LANGUAGE II

Kaur, Ambra

DIPLOMA IN JAPANESE LANGUAGE II

Chen, Bingzhi
Shen, Siyun
Westerholm, Karl Stephen

DIPLOMA IN KOREAN LANGUAGE I

Zhang, Yuhan

DIPLOMA IN SPANISH LANGUAGE I

Ollivierra, Stachenne Antonia Ruth

CERTIFICATE IN CO-OPERATIVE EDUCATION IN RESEARCH

Xie, Xinyue

CERTIFICATE IN EXPERIENTIAL EDUCATION

Jiang, Jing

CERTIFICATE IN GLOBAL EXPERIENCE

Chen, Bingzhi
Jeffries, Shannon Alexa
Shen, Chen

* – Distinction

† – Dean's Honours

Outstanding Achievements

MEDALS AND AWARDS

UNIVERSITY FINALIST FOR THE GOVERNOR GENERAL'S GOLD MEDAL

Doctoral

James George Davies (Fall 2022)

UNIVERSITY FINALIST FOR THE GOVERNOR GENERAL'S GOLD MEDAL

Master's

Mahbod Majid

THE UNIVERSITY OF WATERLOO PRESIDENT'S AWARD OF EXCELLENCE

**Highest standing in an
undergraduate degree program**

Xinyue Xie

THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL

Outstanding academic achievement

Theodore Luo Wang

THE ALBERT SHERWOOD BARBER MEDAL

Orson Andrew Baines

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/impact-stories/new-gold-medals

**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

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.

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.

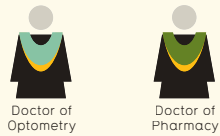
The ritual at convocation reflects the old custom that anyone in a university could wear a gown, but a hood was the symbol for a degree.

Academic Dress

BACHELOR'S



PROFESSIONAL DOCTORATE



MASTER'S



DOCTORAL



Doctor of Philosophy



Doctor of Divinity



Doctor of Engineering



Doctor of Environmental Studies



Doctor of Laws



Doctor of Letters



Doctor of Mathematics



Doctor of Science

HONORARY DOCTORATE

CONVOGATION



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