



ONE HUNDRED AND THIRTIETH CONVOCATION

CONVOCATION

FRIDAY & SATURDAY

13/14
JUNE 2025

FACULTY OF ENGINEERING

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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TERRITORIAL ACKNOWLEDGEMENT

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

Message from the chancellor

Welcome graduates, families, friends and supporters to convocation.

This will be my second convocation cycle as chancellor and my first presiding over the spring term ceremonies, though my connection to Waterloo dates back more than 30 years. I received my three degrees from this institution, and I've continued my strong connection to the University since then.

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

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

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

During convocation, we celebrate the achievements of our graduates and their shift to our alumni community. Since Waterloo's founding in 1957, we have conferred more than 255,000 degrees and certificates. The Waterloo alumni network extends to more than 150 countries and offers our graduates a community regardless of where their futures take them.

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

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

Thank you for continuing the Waterloo tradition of excellence.



JAGDEEP SINGH BACHHER
BASC '93, MASc '94, PhD '00
Chancellor

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

Message from the president and vice-chancellor

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

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

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

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

As this year's graduates leave our campuses, they continue to be an important part of our Waterloo community. They are joining more than 255,000 alumni around the globe – helping our institution stay connected to the world around us.

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

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

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



Vivek Goel

VIVEK GOEL

CM, OOnt

President and Vice-Chancellor

**“GRADUATES: NOW IS YOUR OPPORTUNITY TO BRING YOUR
UNCONVENTIONAL THINKING AND INNOVATIONS TO THE WORLD.”**

Message from the alumni council chair

Congratulations Class of 2025!

On behalf of the University of Waterloo's Alumni Council and your alumni community, congratulations to each one of you on this remarkable achievement. It gives me great pleasure to celebrate your graduation and welcome you to a global network of more than 255,000 alumni. I hope you are as proud of yourselves as we are of you.

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

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

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



Lee Anne Doyle

LEE ANNE DOYLE

BES '81

Chair, University of Waterloo Alumni Council

**“THERE ARE MORE THAN 255,000 OF US AND WE ARE HERE
TO SUPPORT YOU AS YOU WORK TOWARDS YOUR GOALS.”**

Our tradition of convocation

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

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

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

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

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

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



1960s
CONVOCATION
AT WATERLOO

A CALLING TOGETHER

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

CONNECTING WITH TRADITION

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

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

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

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





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

THE COAT OF ARMS AND MOTTO

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

DEGREES AND HONORARY DEGREES

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

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

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

EAGLE STAFF

On September 22, 2022, the University of Waterloo held a Commitment Ceremony pledging action toward decolonization, Indigenization and reconciliation. Weaving in the knowledge, ways of knowing, and understandings of First Nations, Métis and Inuit peoples equips the Waterloo community, especially Waterloo graduates, with the tools and knowledge they need to create a better future for all. The commitment was formalized through a Pipe Ceremony, after which Vivek Goel, president and vice-chancellor, was given the name “Ogiima” (meaning leader) and presented with gifts of an eagle feather and two Wampum belts. Our recommitment is formally acknowledged in a special ceremony each fall.

Building on the desire and responsibility to incorporate Indigenous perspectives, the University of Waterloo community came together for a ceremony 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 who carry it, representing different nations across Turtle Island. By welcoming the Eagle Staff, the University acknowledges the responsibility to recognize, accept and incorporate Indigenous perspectives in how we teach, govern and behave as an institution. The Eagle Staff is present at all ceremonies, celebrations and convocations.

The University of Waterloo honours and welcomes the Eagle Staff, a symbol of Indigenous strength, spirit and care. This signifies Waterloo’s commitment to incorporating First Nations, Métis and Inuit perspectives into the University’s governance, structure, and mission. It serves as a beacon of reconciliation on our shared path forward.



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

VIVEK GOEL
President and Vice-Chancellor

Honorary doctorates

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

JOHN ENGLISH

BA, AM, PhD, FRSC
Doctor of Laws, *honoris causa*

THURSDAY, JUNE 12 / AFTERNOON CEREMONY



Dr. John English is one of Canada's most acclaimed, best-selling historians and experts in international relations. He is an Officer of the Order of Canada, a Fellow of the Royal Society of Canada, and has the Order of Merit of Germany. English was the member of Parliament for the federal riding of Kitchener from 1993 to 1997, serving with distinction as the parliamentary secretary to the minister of Intergovernmental Affairs. He earned a Bachelor of Arts from the University of Waterloo, and was for four decades an outstanding member of Waterloo's history department and founding executive director of the Centre for International Governance Innovation. He is now a Senior Fellow at Trinity College at the University of Toronto and chairs the Canadian International Council.

PAUL CORKUM

PhD
Doctor of Science, *honoris causa*

FRIDAY, JUNE 13 / AFTERNOON CEREMONY



Dr. Paul Corkum is a pioneering Canadian physicist renowned for his foundational contributions to attosecond science – the study of ultrafast phenomena on the scale of attoseconds (10^{-18} seconds). He earned his PhD in theoretical physics from Lehigh University in 1972. Corkum joined the National Research Council of Canada (NRC) in 1973, where he transitioned to experimental physics and developed groundbreaking models of atomic ionization. His recollision model enabled the generation of attosecond laser pulses, allowing scientists to observe electron dynamics in real time. Corkum holds a joint chair in Attosecond Photonics at the University of Ottawa and the NRC. His numerous accolades include the 2022 Wolf Prize in Physics and the 2025 APS Medal for Exceptional Achievement in Research.

TIM JACKSON

BA, FCPA, FCA
Doctor of Laws, *honoris causa*

THURSDAY, JUNE 12 / EVENING CEREMONY



Tim Jackson is an entrepreneur, venture capitalist, not-for-profit leader and community builder. He is the president and chief executive officer of Shad, Canada's premier high school student summer program. He co-founded Tech Capital Partners, an early-stage venture capital firm and led the Accelerator Centre, an incubator for technology startups. He was executive-president at the MaRS Discovery District, one of the world's largest urban innovation hubs. As a University of Waterloo Accounting graduate, Jackson has a long history of service at Waterloo. He held the position of vice-president, University Relations in addition to five years on the Board of Governors and seven years as chair of the Student Venture Fund investment committee. Jackson was recognized with the prestigious title of Fellow Chartered Public Accountant for his exceptional service to the profession and his community.

ARMUGHAN AHMAD

BA, LLB, KC
Doctor of Laws, *honoris causa*

FRIDAY, JUNE 13 / EVENING CEREMONY



Armughan Ahmad is a global technology executive, investor and board director recognized for his leadership in artificial intelligence and digital transformation. He currently serves as executive chairman of RxFood AI and general partner at Vision Studio Ventures, a venture capital firm backing early-stage AI founders. He also advises ServiceNow, TELUS, and OMERS as a senior AI strategist. Previously, Armughan was chief executive officer of Appen, a publicly traded company providing AI training data to leading technology firms including Google, Microsoft, Meta and Nvidia. He has also held senior leadership roles as president of KPMG Digital and Dell EMC, where he led global Data Center Cloud and High-Performance Computing business, and at HP and 3Com. Ahmad serves on the board of Trillium Health Partners and is the co-founder and board director of CILAR (Coalition of Innovation Leaders Advancing respect), advancing AI skill development and inclusive economic growth.

NEIL CAWSE

BSc Eng
Doctor of Engineering, *honoris causa*
SATURDAY, JUNE 14 / MORNING CEREMONY



Neil Cawse is the founder and chief executive officer of Geotab, the world's largest commercial telematics company. An engineer by training and entrepreneur by instinct, he founded Geotab in 2000 to help businesses make better decisions through vehicle data. Under his leadership, the company has grown into a global leader and is recognized among the fastest-growing technology companies in North America. Known for his long-term thinking and hands-on approach, Cawse continues to guide product design and engineering for Geotab. In 2015, he was named Ernst & Young Entrepreneur of the Year.

GINA CODY

BEng, MEng, PhD
Doctor of Engineering, *honoris causa*
SATURDAY, JUNE 14 / AFTERNOON CEREMONY



Dr. Gina Cody is an engineer and business leader who has helped shape Canada's cities and communities through decades of work in the private sector. As executive chair and owner of CCI Group Inc., she led complex engineering projects for major developers, financial institutions and public agencies across the country. Cody was the first woman to earn a PhD in building engineering from Concordia University, and she remains a strong advocate for inclusion in STEM. Her leadership and generosity led Concordia to name its Faculty of Engineering and Computer Science in her honour, recognizing both her professional achievements and commitment to the next generation.

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.

BRYAN SMALE

BA, MA, PhD

Faculty of Health

TUESDAY, JUNE 10 / AFTERNOON CEREMONY



Dr. Bryan Smale is director of the Canadian Index of Wellbeing in the Faculty of Health, and professor emeritus in the Department of Recreation and Leisure Studies at the University of Waterloo. He received his PhD in Geography from the University of Western Ontario and both his Bachelor of Arts and Master's degrees in Leisure Studies from the University of Waterloo. Smale is currently a member of Statistics Canada's Advisory Committee on Social Conditions, research consultant on UNICEF Canada's Child and Youth Well-being Index, former chair and president of the Board of Directors of the Canadian Association of Leisure Studies.

PAUL STOLEE

BA, MPA, MSc, PhD

Faculty of Health

TUESDAY, JUNE 10 / AFTERNOON CEREMONY



Dr. Paul Stolee retired at the rank of professor from the School of Public Health Sciences at the University of Waterloo. His research is recognised for its significant impact on older persons' experiences with care systems. Stolee received the Distinguished Member Award from the Canadian Association on Gerontology, the association's highest honour. At Waterloo, he served in key governance roles including director of the University's Network for Aging Research and as interim dean of the Faculty of Health. He is also known for his exemplary student mentorship, as recognised with the University of Waterloo Award of Excellence in Graduate Supervision.

MARY HARDY

BSc, PhD, FIA, FSA, CERA

Faculty of Mathematics

WEDNESDAY, JUNE 11 / MORNING CEREMONY



Dr. Mary Hardy's research creates bridges between theoretical actuarial science and real-world challenges in insurance and pensions. Her pioneering work on financial guarantees and risk measures drove regulatory changes, bolstering Canadian insurers during the 2007-09 financial crisis. Hardy has co-authored three books and approximately 80 papers. She served as past editor-in-chief of two leading actuarial journals and was vice-president of the Society of Actuaries, where she was instrumental in modernizing its technical curriculum. In 2012, Hardy was awarded the Finlaison Medal of the U.K. Institute and Faculty of Actuaries for services to the actuarial profession in the areas of governance, teaching, research and the application of research to practice. In 2023, she was awarded the Lifetime Volunteer Award by the Society of Actuaries.

GORDON WILLMOT

BA, MMath, PhD

Faculty of Mathematics

WEDNESDAY, JUNE 11 / MORNING CEREMONY



Dr. Gord Willmot was professor of actuarial science in the Department of Statistics and Actuarial Science at the University of Waterloo from 1986 to 2024. He was the inaugural Munich Re Chair in Insurance from 2001 to 2021. Willmot is an outstanding mathematician known for his foundational contributions to insurance risk modelling and ruin theory. He has published more than 100 research papers and co-authored five books. He is among the most-cited actuarial scholars of all time. His stellar contributions to graduate supervision led him to be the recipient of a prestigious Award of Excellence in Graduate Supervision in 2022.

JOHN RAVENHILL

BSc, LLB, MA, AM, PhD, FASSA, FAIIA
Faculty of Arts

THURSDAY, JUNE 12 / MORNING CEREMONY



Dr. John Ravenhill joined the University of Waterloo in 2013 as the director of the Balsillie School of International Affairs, recognizing his leadership and world-class research in global politics and international political economy. His service continued in 2019 as chair of the Department of Political Science. Ravenhill has published more than 25 books and over 200 articles and book chapters. Among many distinctions, he has received the International Political Economy Distinguished Scholar Award from the International Studies Association and is an elected Fellow of the Academy of Social Sciences in Australia. He has also taught at the universities of Virginia, Sydney, and Edinburgh, and at the Australian National University.

PETER HUCK

MAcc, PhD, FCPA
Faculty of Engineering

SATURDAY, JUNE 14 / EVENING CEREMONY



Dr. Peter Huck is a retired professor of civil engineering at the University of Waterloo and a leading expert in drinking water treatment. He held the longest-running NSERC Industrial Research Chair in the program's history, serving for more than 30 years. His work on advanced treatment technologies has shaped drinking water policy and practice across Canada and internationally. A trusted advisor to government and industry, Huck played a key role in the Walkerton inquiry into drinking water safety, and he has received numerous national and international awards for his research, mentorship and contributions to public health and environmental protection.

RANJINI JHA

BSc, MSc, MBA, PhD, CFA
Faculty of Arts

THURSDAY, JUNE 12 / EVENING CEREMONY



Dr. Ranjini Jha retired from the School of Accounting and Finance in 2024, following a 26-year career at the University of Waterloo. She was an outstanding researcher, an exemplary educator, a catalyst in experiential finance education particularly for young women, and a wise governance advisor to our pension and benefits committee. As a trailblazer in experiential finance education, Jha founded the Student Investment Fund in 2012 (public equity) and the Student Venture Fund in 2017 (venture capital). Jha has received numerous awards, including the Faculty of Arts 2023 Excellence in Service Award, and the Outstanding Performance Award in 2013, 2010 and 2006.

Guest speakers

BRENT DOBERSTEIN

BSc, MA, PhD

Faculty of Environment

TUESDAY, JUNE 10 / MORNING CEREMONY



Dr. Brent Doberstein is an associate professor in the Department of Geography and Environmental Management at the University of Waterloo. He has been engaged in hazard, disaster, and climate change adaptation teaching and research in Canada and abroad for more than 20 years.

Doberstein teaches a range of undergraduate, graduate and international field courses, and also currently serves as the Faculty of Environment liaison for a \$15 million Global Affairs Canada-funded project which is helping Indonesia develop climate action capacity.

THERESE HAYES

BSc, MSc, MHA

Faculty of Science

FRIDAY, JUNE 13 / MORNING CEREMONY



Therese Hayes is chief executive officer of Good Man Brand – a sustainable B Corp apparel and footwear company. She has 25 years of experience in Canada and the U.S. including leadership roles at lululemon, ARITZIA and Whistler Blackcomb Holdings Inc. She has a Bachelor of Science from the University of Waterloo, and two Master's degrees from the University of Ottawa in Microbiology and Immunology and Health Administration. Hayes is an active mentor to young entrepreneurs as a board advisor and is chair of the Board of Fashion Revolution Canada.

Valedictorians

Putri Cullinane

Faculty of Environment

TUESDAY, JUNE 10 / MORNING CEREMONY

Raksha Aravind

Faculty of Health

TUESDAY, JUNE 10 / AFTERNOON CEREMONY

Keeley Isinghood

Faculty of Mathematics

WEDNESDAY, JUNE 11 / MORNING CEREMONY

Nina Tan

Faculty of Mathematics

WEDNESDAY, JUNE 11 / AFTERNOON CEREMONY

Karen Abdel Sater

Faculty of Mathematics

WEDNESDAY, JUNE 11 / EVENING CEREMONY

Viren Pandya

Faculty of Arts

THURSDAY, JUNE 12 / MORNING CEREMONY

Daisy Birch

Faculty of Arts

THURSDAY, JUNE 12 / AFTERNOON CEREMONY

Matthew Jones

Faculty of Arts

THURSDAY, JUNE 12 / EVENING CEREMONY

Meera Thavarajah

Faculty of Science

FRIDAY, JUNE 13 / MORNING CEREMONY

Lyvia Yanover

Faculty of Science

FRIDAY, JUNE 13 / AFTERNOON CEREMONY

Salahuddin Said

Faculty of Engineering

FRIDAY, JUNE 13 / EVENING CEREMONY

Chinemerem Chigbo

Faculty of Engineering

SATURDAY, JUNE 14 / MORNING CEREMONY

Michael Hanley

Faculty of Engineering

SATURDAY, JUNE 14 / AFTERNOON CEREMONY

Mankirat Singh Sains

Faculty of Engineering

SATURDAY, JUNE 14 / EVENING CEREMONY



FRIDAY

EVENING CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF ENGINEERING

Graduate degrees

DOCTOR OF PHILOSOPHY

Abdalhamid, Ahmed Mohamed

Khairy Abdalnaby (Mechanical and Mechatronics Engineering)
“Development of Conditional Source-Term Estimation (CSE) Framework for Turbulent Buoyant Diffusion Flames”

Alghooneh, Ahmad Reza

(Mechanical and Mechatronics Engineering)
“A Unified Multi-Frame Strategy for Autonomous Vehicle Perception and Localization Using Radar, Camera, LiDAR, and HD Map Fusion”

Azizi, Nadia (Mechanical and Mechatronics Engineering)

“Laser Powder Bed Fusion of Cu Alloys: From Process Parameter Optimization to Oxidation Analysis”

Betiku, Olakunle Timothy

(Mechanical and Mechatronics Engineering)
“The Role of Microstructural Modifications in Improving the Mechanical Properties of Resistance Spot Welded Automotive Steels”

Chen, Zuolong (Mechanical and Mechatronics Engineering - Nanotechnology)

“Model Materials and Reactor Systems for Artificial Leaves in Solar Energy Conversion Applications”

Hartlen, Devon Christopher

(Mechanical and Mechatronics Engineering)
“Development of Novel Techniques to Characterize the Traction-Separation Responses of Delamination in Fibre-Reinforced Plastic Laminates”

Huang, Yunqiao (Mechanical and Mechatronics Engineering)

“Droplet Capture and Water Transport on Thin Fibers for Water Harvesting”

Lari, Seyed Mohammad Salman

(Mechanical and Mechatronics Engineering)
“AI-Assisted Ultrasound-Guided High-Intensity Focused Ultrasound (USgHIFU) in Non-Invasive Surgery”

Legala, Adithya (Mechanical and Mechatronics Engineering)

“Data-Based Modeling of Electrochemical Energy and Thermal Systems: Fuel Cell and Lithium-Ion”

Liravi, Farima (Mechanical and Mechatronics Engineering)

“Machine Learning-Driven Optimization of Laser Powder Bed Fusion: From Powder Characterization to Process Parameters Tailoring for Ti6Al4V Powders”

Maini, Shina (Mechanical and Mechatronics Engineering)

“Fabrication and Characterization of Novel Core-Shell Structured Metastable Intermolecular Composites”

McConkey, Ryley Charles

(Mechanical and Mechatronics Engineering)

“Machine Learning Methods for Turbulence Closure Modelling”

McGregor, Martine Elizabeth

(Mechanical and Mechatronics Engineering)
“Integrated Investigations of Lumbar Spine Biomechanics, Implant Fixation, and Design for Additive Manufacturing Under Physiologic Loading”

Panahandeh, Pouya (Mechanical and Mechatronics Engineering)

“Graph-Based Autonomous Vehicle Motion Planning Using Game Theory”

ShafieiDarabi,

Seyyed Mohammad Reza

(Mechanical and Mechatronics Engineering)
“Development of Microwave-Microfluidic Sensors for Microplastic Detection in Environmental Samples”

Shojaee, Mohammad (Mechanical and Mechatronics Engineering)

“Mechanical Properties and Failure Behavior of Resistance Spot Welded Third-Generation Advanced High Strength Steels”

Shu, Keqi (Mechanical and Mechatronics Engineering)

“Dynamic Decision-Making Framework for Autonomous Vehicles in Urban Environments With Strong Interactions”

Suleiman, Fatima Kikelomo

(Mechanical and Mechatronics Engineering)
“Improving Pyrometry of Advanced High Strength Steels During Intercritical Annealing”

Sun, Manyou (Mechanical and Mechatronics Engineering)

“Development of Novel Surface Finishing Processes for Additively Manufactured Metal Parts”

Toorandaz Kenari, Sahar

(Mechanical and Mechatronics Engineering)
“Novel Machine Learning-Driven Platforms for In-Situ Prediction of Vertical and Top Surface Roughness in Laser Powder-Bed Fusion”

van Blitterswijk, Richard Hendrik

(Mechanical and Mechatronics Engineering)
“Adaptive Model Predictive Control for Microstructure Control in Laser Material Processing”

van Houtum, Gijs Johannes Jozef

(Mechanical and Mechatronics Engineering)
“Scalable and Generalizable AI Solutions - Applied to Vision-Based Quality Monitoring for Directed Energy Deposition”

WANG, LEI (Mechanical and Mechatronics Engineering - Nanotechnology)

“Modulation Strategies of Cu-Based Electrocatalysts for Enhancing Electrocatalytic CO₂ Conversion”

Ye, Wenrui (Mechanical and Mechatronics Engineering)

“Data-Driven Simulation and Optimization of Renewable Energy Systems”

Zhang, Kaiping (Mechanical and Mechatronics Engineering)

“Microstructure Control and Property Enhancement of NiTi-Stainless Steel Dissimilar Joints”

Zhang, Ruihe (Mechanical and Mechatronics Engineering)

“Dependable Decision Making for Autonomous Vehicles Considering Perception Uncertainties”

Zhong, Jiaming (Mechanical and Mechatronics Engineering)

“Learning Agent-Based Model Predictive Controllers for Holistic Vehicle Control”

Zilstra, Alison Marie (Mechanical and Mechatronics Engineering)

“The Role of the Laminar Separation Bubble in Wind Turbine Aeroacoustics and Dynamic Stall”

MASTER OF APPLIED SCIENCE

Al Hussain, Syed Faique

(Mechanical and Mechatronics Engineering)

Bentley, Cameron James

(Mechanical and Mechatronics Engineering)

Blackmore, Daniel Christopher

(Mechanical and Mechatronics Engineering)

Burchat, Thomas (Mechanical and Mechatronics Engineering)

Chu, Jonathan Ho-Yin (Mechanical and Mechatronics Engineering)

Durgamahanti, Poojitha

(Mechanical and Mechatronics Engineering)

Garg, Shaswat (Mechanical and Mechatronics Engineering)

Hahn, Dylan Gerhard Hermann

(Mechanical and Mechatronics Engineering)

Hamdi, Amr Mohamed (Mechanical and Mechatronics Engineering)

Hamouda, Ahmed Hatem Hussein

(Mechanical and Mechatronics Engineering)

Huynh, Michelle Dieu Thao

(Mechanical and Mechatronics Engineering – Nanotechnology)

Kaur, Navpreet (Mechanical and Mechatronics Engineering – Nanotechnology)

Khabbazian, Afarin (Mechanical and Mechatronics Engineering)

Ko, Byung Min (Mechanical and Mechatronics Engineering)

Looi, Horace Ingram (Mechanical and Mechatronics Engineering)

MacGregor, Oluwadamilola

Solomon (Mechanical and Mechatronics Engineering – Nanotechnology)

Macmillan, Corwin Grant Jeon

(Mechanical and Mechatronics Engineering)

Miclaus, Alex-George (Mechanical and Mechatronics Engineering)

Mondegari, Mohsen (Mechanical and Mechatronics Engineering)

Morgan, Maxwell Isaac (Mechanical and Mechatronics Engineering)

Ngan, Sophia Wingyun (Mechanical and Mechatronics Engineering)

Nofech, Joseph Ezra (Mechanical and Mechatronics Engineering)

Okoroafor, Sydney Chukwuebuka (Mechanical and Mechatronics Engineering)

Saha, Shovon Sudan (Mechanical and Mechatronics Engineering)

Seif Reis, Matheus (Mechanical and Mechatronics Engineering)

Soo, Sebastian Jian Xung

(Mechanical and Mechatronics Engineering)

Srinivaasappa Indira, Raj Dhanush

(Mechanical and Mechatronics Engineering)

Suh, Jiwoo Christian (Mechanical and Mechatronics Engineering)

Yoo, Heong Joo (Mechanical and Mechatronics Engineering)

Zhao, Pengcheng (Mechanical and Mechatronics Engineering)

MASTER OF ENGINEERING

Baldwin, Jesse (Mechanical and Mechatronics Engineering)

Djuhartono, Philip Ruben

(Mechanical and Mechatronics Engineering – Co-operative Program)

Germann, Stefan (Mechanical and Mechatronics Engineering)

Guo, Zhouxin (Mechanical and Mechatronics Engineering)

Heidari, Ehsan (Mechanical and Mechatronics Engineering)

Hu, Zhixin (Mechanical and Mechatronics Engineering)

Jalbert, Noah (Mechanical and Mechatronics Engineering)

Kim, Sung Eun (Mechanical and Mechatronics Engineering)

Kumar, Bheesham (Mechanical and Mechatronics Engineering – Co-operative Program)

Matsa, Pranav (Mechanical and Mechatronics Engineering)

Mohammed, Shahbaz Khalander

Ghourí (Mechanical and Mechatronics Engineering)

Naserzad, Sayed Mahdi

(Mechanical and Mechatronics Engineering)

Nischal, Tanya (Mechanical and Mechatronics Engineering)

Ouyang, Xianchen (Mechanical and Mechatronics Engineering)

Rathinakumar, Dilip (Mechanical and Mechatronics Engineering)

Shamsan, Motaz Saied Abdo (Mechanical and Mechatronics Engineering)

Sharma, Aryan (Mechanical and Mechatronics Engineering – Co-operative Program)

Wang, Lubin (Mechanical and Mechatronics Engineering – Co-operative Program)

GRADUATE DIPLOMA

Baldwin, Jesse (Fire Safety)

Germann, Stefan (Fire Safety)

Hu, Zhixin (Green Energy)

Jalbert, Noah (Fire Safety)

Nischal, Tanya (Green Energy)

Rathinakumar, Dilip (Fire Safety)

GRADUATE CERTIFICATE

Lari, Seyed Mohammad Salman

(University Teaching)

Lewis, Mikaela Therese (University Teaching)

Undergraduate degrees

BACHELOR OF APPLIED SCIENCE

MECHANICAL ENGINEERING

Agarwal, Kostubh *

Akbary-Zheng, Mina Li *

Alahari, Praditya *

Alam, Muhammad Aaliyan
(Mechatronics Option & Computing Option) *

Al-Khairi, Mohammad *

Arena, Matthew Amedeo †

Awan, Aimen Sajid *

Barzegar, Kimia *

Belfiore, Joshua Domenico *

Bellotto, William Joseph *

Berry, Avalon Elizabeth
(Environmental Engineering Option) *

Bilgic, Mert Kaan *

Birchenough, Trevor Nicolas

Campodonico, Michael Stefano *

Cardieri, Lucca Assuncao †

Carpan, Elena *

Carr, Ryan James *

Chalmers, Dawson William *

Chandrabalan, Anthony (Welding and Joining Specialization)

Chu, Hao Tian *

Chugh, Amarpreet Singh *

Chun, Charmaine Kin-Huen

Cincarevic, Ana *

Creegan, Sean Michael

Dau, Ethan Hartmut †

Davidson, Keith Fehrson
(Mechatronics Option) *

Dekker, Jens Joost Benedic Cornelis
(Mechatronics Option) †

Deng, Joanna *

Dhillon, Navreet Kaur *

Dimeck, Everton George

Divecha, Dariusz †

Dodd, Evan James †

Dong, Aojia

Dorotheo, Joshua James *

Duong, Raymond (Management Sciences Option)

Durnford, Jaden Hui *

Eklasi, Arman *

Erinoso, Foluwato Olamide Samuel *

Eskandar, Lovisa *

Folk, Emily Rebecca †

Fu, Hong Yi *

Gao, Jason †

Gharghouri, Eric Alexei *

Golubov, Peter Jackson (Welding and Joining Specialization) *

Gonzalez, Luisa Maria *

Hagen, Austin Michael

Hamilton, Charlotte Rose *

Hartford, Logan Allen Patrick
(Options in Mechatronics, Computing & Artificial Intelligence) *

Hau Fai Tseung, Sien Kin Julien †

He, Kaixin

Hecker, Aidan Sean (Welding and Joining Specialization)

Hosseini, Arya †

Husseini, Bara

Iafrate, Nicholas John Nardo *

Isidore, Theofillos Thivakar *

Ivan, Botond Attila (Management Sciences Option) *

Ivanchenko, Artur

Jenkins, Angela Wilks *

John, Johan *

Kampen, James Michael
(Mechatronics Option) †

Khalid, Muhammad Ebbad *

Khan, Sameer (Management Sciences Option) *

Khuwaja, Rumi

Kim, Junho †

Kochhar, Arjan Singh *

Kuda Vithanage, Kasun S

Kurbanova, Yasmin *

Lazarus, Benjamin Emmanuel †

Leakos, Dominic James (Welding and Joining Specialization) †

Lee, Dae Hyeon (Welding and Joining Specialization)

Lee, Jin Ho *

Lee, Kenneth Hyowon *

Lehal, Aidan Paul *

Levy, Benjamin Aaron *

Li, Dennis Tsz Him *

Liu, Yijun

Lu, Song Rui †

Ma, Kevin *

MacDonald, Jacob Robinson
(Welding and Joining Specialization) †

Mahmud, Tanzim *

Maraj, Chevaughn

Marshall, Grace Evelyn

Marshall, Liam Harrison *

Medved, Alexander Joseph *

Menon, Riya (Management Sciences Option) *

Merugu, Manish

Milan, Jasmine Aurelia *

Mohammed, Areeb Baseer

Na, Jaehee *

Nakhuda, Siraj Ishak (Welding and Joining Specialization)

Nepomyashchyy, Andrew (Welding and Joining Specialization) *

Ng, Alicia

Nguyen, Andrew

Nica, Vlad Andrei *

Nicholls, William John *

Nick, Claudia Brett (Welding and Joining Specialization) *

O'Brien, Michael Neil *

Ott, Jared Willem Calvin *

Paas, Kobe Shaw †

Parashar, Pratham (Mechatronics Option) *

Parkash, Deyank

Patel, Breeze Vinodkumar

Patel, Saawan *

Payyapilly, Denzel †

Perry, Joshua Marc *

Pharand, Lance (Mechatronics Option & Computing Option) †

Pryce, Connor Timothy †

Qin, Haoran *

Quan, Daniel Chung Yan †

Qureshi, Zeshan

Ragbir, Reneece

* – Distinction
† – Dean's Honours

Rajkumar, Ian
Rana, Munim Ahmed *
Ranjan, Ambuj (Mechatronics Option) *
Rossignoli, Spencer David (Mechatronics Option) †
Rukavina-Nolsoe, Maya Katherine
Saggu, Ashley
Saha, Shammo †
Said, Salahuddin Mustafa *
Sandhu, Hamraz Singh *
Schooley, Andrew Thomas
Schwartzentruber, Aidan Kai Smith *
Scott, Sophia Marie *
Senez, Keon Albert †
Shaikh, Taha (Mechatronics Option) *
Shariff, Arman Hussein
Shen, Andrew *
Shirkalina, Alisa †
Siddiqui, Muhammad Sharjeel
Sidhwa, Pashan †
Sil, Souvik *
Sinha, Aliya Natasha *
Sivagnanasegaram, Simran Rachel *
Sobkowich, Ethan John †
Soh, Christopher Joonbum *
Solaimalai, Girisankar (Mechatronics Option) †
Soliman, Martin (Computing Option) *
Sonoski, Liam Roy Singleton †
Spandonidis, Labros *
Srivastava, Devansh *
Stairs, William Grant
Stokes, Adam James Carter (Mechatronics Option) *
Street, Samuel Harrison †
Strelshik, Jared Isaiah *
Sundaramohan, Mayuran (Biomechanics Option) *
Thompson, Aidan Aziz †
Tran, Jeremy Gia Huy Dinh (Welding and Joining Specialization) *
Tran, Nguyen Trung Nam (Mechatronics Option) *
Trstenjak, Toni *
Valer, Thomas Christopher *
Valyaeva, Anna *
Vehkala, Hannah *
Vijayanathan, Varrun *
Villar, Justin
Wale, Callum Akira (Mechatronics Option) *

Wang, Runtian (Mechatronics Option & Computing Option) *
Wang, Sandy Jia Tong †
Wang, Stephen Zipeng
Welch, William Owen (Welding and Joining Specialization) *
Wheatle, David Justin St.
White, Evan Carter
Wilson, Brendan Wasyl Quinn
Woodward, Nathan (Entrepreneurship Option) *
Xi, Yuhui Henry
Xie, Chris Zhang Yan *
Xin, Boyang
Xu, Leon Cai Hao
Yang, Daniel †
Yang, Sihan
Yang, Siyi †
Yao, Francis Kenneth *
Yao, Joannie (Biomechanics Option) †
Yeum, Jiyun
Zhang, En Kai *
Zhang, Jia Xin
Zhang, Steven
Zhong, Gary Guangrui †
Zhu, Justin
Zolfaghari, Nahvid *

MECHATRONICS ENGINEERING

Abji, Adham *
Abraham, Ethan Kandathil *
Adam, Emily Alicia *
Adesiyun, Mogbekeloluwa Samuel (Computing Option) *
Adeyanju, Tolulope Charles-Lewis (Computing Option) *
Ahuja, Saksham (Artificial Intelligence Option) *
Alameddine, Zayd Jamal *
Anthony, Nicholas Jordan Tass †
Apitz-Grossman, Maximilian †
Arshad, Ali
Auw-Yang, Joshua Alexander †
Bajwa, Angad (Artificial Intelligence Option) †
Bajwa, Harsimrat Singh (Computing Option) *
Bakker, Sean James †
Batra, Ankit (Artificial Intelligence Option)
Bay, Carson Graham
Bellsmith, Nathan Thomas *
Bertnyk, Anthony *
Bhagwandeem, Addesh Arjoon Junior
Bissonette, Kalany Flora *
Blumenthal, Guy †
Boal, Frank Edwin Terence *
Bodera, Jacob Boguslaw (Artificial Intelligence Option) *
Borisenko, Nicholas (Artificial Intelligence Option)
Butchart, Brian Thomas
Cahoon, Avi *
Calleja, Ethan David †
Chaiklahan, Chanpakorn *
Chan, Chuek To Nixon (Artificial Intelligence Option) †
Chang, Megan *
Chaudhary, Aaditya (Computing Option) *
Chen, Alan Yijun *
Chen, Eric †
Chen, Joyce †
Chen, Robbie Xiao Xiao *
Chenier, Brielle †
Cheung, Elvis
Chung, Christopher Daniel †
Chuong, Victoria Weiting Park †
Clarke, Sean Francis †
Colabrese, Medina Filomena †
Cronier, Ethan Yves †
Davis, Wesley Robert †
DeCroos, Philip Howard *
D'Elia, Lucas (Management Sciences Option) †
Doctor, Akshat Anuj †
Dolgin, Joshua Evan †
Donen, Aidan Tyler †
Duchesne, Timothy Edward Kenneth (Computing Option) *
Dumanski, Jonathan Andrew (Computing Option) †
Ellewela, Yasith Navoda
Elliott, Connor Ronald Grant
Fariás Medina, Jessica Alexandra *
Ferrier, Kyle Ging Leung *
Ferris, Edward *
Formuly, Ahmad Zia *
Gabriel, Leo *
Gajaria, Jas Mukesh
Gajelli, Aryan Dayanand *

* – Distinction

† – Dean's Honours

Gill, Jagroop Singh (Computing Option)
 Girgis, Jolie *
 Gobalakrishnan, Daniel †
 Goha, Mohamed Ahmed Mohamed Mahmoud †
 Gosalia, Aryan Jay
 Goyal, Ridham *
 Grewal, Kaveet Singh †
 Gu, Heng
 Guha, Shourrya (Computing Option) *
 Gupta, Arjun Singh *
 Gupta, Ishaan
 Haedrich, Graham Flaherty (Artificial Intelligence Option) *
 Haghighi, Behrad
 Hakim, Rehanul Rehan
 Hao, Shu Xin (Computing Option) *
 Hardy, David Reid †
 Harper, Joshua David Jackson *
 Haseeb, Abdul
 Helmy, Nadim Ahmed (Artificial Intelligence Option) †
 Hemraj, Afraz Arman (Artificial Intelligence Option) †
 Heng, Jason James Fu Rui (Computing Option) †
 Huang, Johnny (Computing Option) *
 Huras, Adam Franklin †
 Ibrahiim, Simba Israel
 Ioannou, Matthew Steven †
 Jain, Sanya *
 Ji, Dashan *
 Jiang, Christian (Computing Option) †
 Johanson, Connor Roy †
 Johnson, Diego Andres †
 Jung, Elizabeth Sue-Muy
 Jung, Hanjin (Computing Option)
 Kale, Sahil Manish †
 Kalia, Aryan (Computing Option) †
 Khacheekian, Harout
 Kim, Ethan Calvin †
 Kim, Sang Yup *
 Kim, Wesley Shin Jee (Software Engineering Option) *
 Kiziltan, Melda (Computing Option) *
 Ko, Taewoo *
 Kouhi, Arvin *
 Krishna, Arjun *
 Lai, Keith Ho Yeung (Computing Option) †

Lamy, Nikolas Samuel Oleskevich *
 Lau, Pak Lun (Computing Option) *
 Lee, Erin Victoria *
 Lee, Joseph Joonseo
 Li, Cheuk Hin *
 Li, Kevin †
 Lin, Ian Ruei-Peng (Computing Option) *
 Liu, Rio (Artificial Intelligence Option) *
 Lu, James JJ (Artificial Intelligence Option) †
 Lui, Mackenzie Eugene *
 Mabondo, Benie Matoka *
 Machado, Brian *
 Mahalingam, Priethan (Computing Option)
 Maiti, Soumav †
 Mark, Ryan (Artificial Intelligence Option) *
 Martian, Blaine Dawson James *
 Matar, Farris Abdullah †
 Mccullagh, Hunter James
 Meandro, Robert Anthony †
 Miller-Junk, Garrett William (Artificial Intelligence Option) *
 Modgil, Aryan *
 Mungroo, Randhir Datta (Artificial Intelligence Option)
 Muqet, Syed Abdul (Computing Option) *
 Nagpal, Yashraj (Artificial Intelligence Option) *
 Narang, Ria †
 Naseem, Zen Mohammad
 Ng, Caleb Kwun Hei (Artificial Intelligence Option)
 Nikolik, Christopher Luka †
 Niu, Jackie Shuaiyi (Computing Option) *
 Ohayon, Ethan Samuel *
 Oliynyk, Nadine *
 Panicker, Avaneesh Anil (Artificial Intelligence Option)
 Park, Andrew Minyoung (Management Sciences Option) *
 Patel, Manav (Artificial Intelligence Option) *
 Patel, Meet Pareskumar
 Patel, Vraj Shailesh (Computing Option)
 Perera, Otiliya Devshi *
 Persad, Abhishek Ganesh
 Pongonthara, Joseph Mathew

Pradhan, Pranav (Computing Option)
 Prajapati, Jai (Artificial Intelligence Option) †
 Purcell, Victoria Isabelle †
 Qiu, David *
 Qu, Daniel Zhongzhe †
 Ramgoolie, Gyaaneshwaree
 Rampertab, Nicholas Thomas *
 Rana, Shaheer Bakht (Computing Option)
 Rasool, Umar Imraan
 Rastogi, Aaditya Karan Vivek Kumar (Software Engineering Option) *
 Ravishankar, Maadhava (Computing Option) †
 Rehman, Asad-Ur (Management Sciences Option) †
 Remtula, Imaad Mohamed †
 Ritchie, Cameron Oliver *
 Roodal, Celine †
 Sahny, Ansh (Artificial Intelligence Option) *
 Santillan, Henschel Esguerra *
 Sarkar, Rishi (Computing Option)
 Sarker, Achira Athoy (Computing Option) *
 Sathiyamoorthy, Sanjeevan (Computing Option)
 Schneider, Isabella Marie *
 Senych, Liam Cole
 Sforza, Christian Francesco †
 Shen, Anna †
 Sherry, Aaron Mathew
 Shim, Elizabeth *
 Singh, Bishneet †
 Siu, Dexter Mauricio †
 Smith, Cory Alexey *
 Smith, Trevor William
 Smyth, Elizabeth Victoria (Management Sciences Option)
 Spoelstra, Aaron John †
 Srivastava, Neha (Artificial Intelligence Option) *
 Steven, Shawn
 Sun, Haobo (Artificial Intelligence Option) †
 Surendran, Kiran Kumaran *
 Syed, Nushaab Saneem (Computing Option)
 Szczeszynski, Steven Patrick †
 Tahir, Zayd (Artificial Intelligence Option) †

* – Distinction
 † – Dean's Honours

Tahmasian, Arthur *

Tang, Russell Evan (Computing Option) *

Tawadros, Mina Michael Boulos (Management Sciences Option)

Tee, Leroy Aaron *

Thamotharanathan, Thivjaa

Tharmarasa, Vithusha (Artificial Intelligence Option)

Thiyagayogan, Rukshitharan

Tieu, Harrison Khac Nam *

To, Edna Hiu-Tung

Upadhyay, Dhruv †

Vishnoi, Shivraj Singh (Artificial Intelligence Option) *

Visser, Matthew Alexander †

Vojvodic, Relja †

Wang, Jingyuan (Artificial Intelligence Option)

Wang, Justin (Software Engineering Option) *

Wang, Zenghao

Weiss, Owen Asher †

Wen, Tian Shui *

West, Tyler Lawrence †

Wilson, Aidan Yuill *

Wu, Nava Samantha (Computing Option) *

Xia, Jesse

Xu, Ellie Tianyu †

Xue, Jason Zhengchao †

Yasaei, Mohammad Hassan *

Ye, Daniel Zi Yang †

Ye, Ziming (Computing Option) *

Yevenko, Ivan *

Yogendran, Seyon

Yoshida, Alex William *

Zaionz, Benjamin David *

Zhan, Peng Richard *

Zhang, Andrew *

Zhang, Jiyl

Zhao, Eric (Computing Option) †

Zhou, Han Kun *

Zhou, Michael †

Zhou, Xian Hao (Computing Option) †

Zhu, Matheus †

Zhu, Philip Youcheng †

Zona, Alexander Roman *

Zsoldos, Attila Simon *

DIPLOMA IN SUSTAINABILITY

Ng, Alicia

* – Distinction

† – Dean's Honours



SATURDAY

MORNING CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF ENGINEERING

Graduate degrees

DOCTOR OF PHILOSOPHY

AboAhmed, Yara Hassan Moustafa

Hassan (Electrical and Computer Engineering)
“A Comprehensive Process for Addressing Market Power in Decentralized ADN Electricity Markets”

Abouali, Hesam (Electrical and Computer Engineering)
“Design and Development of a Real-Time Monitoring Microfluidic Platform for Multiplexed Biomarker Detection”

Abouamer, Mahmoud Saad (Electrical and Computer Engineering)
“Resource Allocation for Reconfigurable Intelligent Surface Assisted Wireless Communications”

Abubaker, Radi (Electrical and Computer Engineering)
“Novel Channel Based Relay Attack Detection Protocols in the Physical-Layer”

Amini, Maryam (Electrical and Computer Engineering)
“Implementation and Comparative Analysis of Open 5G Standalone Testbeds: A Systematic Approach”

Azadinia, Mohsen (Electrical and Computer Engineering - Nanotechnology)
“Investigating and Optimizing Charge Balance and Its Effect on Efficiency and Lifetime of QLEDs”

Banerjee, Sarajit (Electrical and Computer Engineering)
“Discriminating and Localizing Thermal Aging in Low Voltage Polymeric Cables Using Non-Destructive Electrical Diagnostics”

Chen, Huanyi (Electrical and Computer Engineering)
“From Understanding Learning Difficulties Among Students to Providing High-Quality Automated Feedback”

Cui, Bolun (Electrical and Computer Engineering)
“Broadband Linear Modulator Driver Design for High-Data-Rate Wireline Communications”

Fahmy, Ahmed (Electrical and Computer Engineering)
“Recoverable Mutual Exclusion in Detectable Lock-Based Data Structures”

He, Mingcheng (Electrical and Computer Engineering)
“Slicing-Based Resource Management for Satellite-Terrestrial Integrated Vehicular Networks”

Hernandez Vivanco, Mauricio Enrique (Electrical and Computer Engineering)
“Breast Cancer Detection Using Microwave Low-Frequency Metasurface-Based Techniques”

Islam, Md. Milon (Electrical and Computer Engineering)
“AI-Driven Multi-Purpose Platform for Smart Healthcare Systems”

Islam, Rabiul (Electrical and Computer Engineering - Nanotechnology)
“Tunable Volatile and Multi-Bit Non-Volatile Resistive Memory for Neuromorphic Computing Applications”

Kianmehr, Hassan (Electrical and Computer Engineering)
“Reconfigurable Microwave/Millimeter-Wave Devices Using Liquid Crystal Technology”

Li, Ruiqi (Electrical and Computer Engineering)
“Data-Driven Predictive Control: Equivalence to Model Predictive Control Beyond Deterministic Linear Time-Invariant Systems”

Lutfi, Abdulla Eyad (Electrical and Computer Engineering)
“Non-Intrusive Diagnostics of Outdoor Ceramic Insulators Using Ultrasonic Signatures and Deep Learning Models”

Maheshwari, Yugal Kishore (Electrical and Computer Engineering)
“Low-Power and Radiation Hardened TSPC Registers”

Malik, Gurshaant Singh (Electrical and Computer Engineering)
“Learning Design Parameters to Build Application Customizable Network-on-Chips for FPGAs”

Mehmood, Basharat (Electrical and Computer Engineering)
“A Study of the Eroding Dry-Band Arcing on Silicone Rubber Insulation Using Ultra-High Frequency Detection Technique”

Mohajer Hamidi, Shayan (Electrical and Computer Engineering)
“The Interplay of Information Theory and Deep Learning: Frameworks to Improve Deep Learning Efficiency and Accuracy”

Mostafa, Mahmoud Mabrouk Eid (Electrical and Computer Engineering)
“A Low-Cost Technique for improving Angular Scan Range of Phased Array Antennas”

Pan, Aixi (Electrical and Computer Engineering - Nanotechnology)
“Fabrication of Atomic Force Microscope Probes With High Aspect Ratio Silicon Tips, Silicon/Silicon Nitride Cantilevers and Stair-Shaped Handles”

Radwan, Mohamed Abd El Razik Ali Abd El Hameed (Electrical and Computer Engineering)
“Protection of Multi-Terminal HVDC Grids”

Rahmati, Nazanin (Electrical and Computer Engineering)
“Designing a Tightly Coupled Ultra-Wideband Millimeter-Wave Phased Array Antenna”

Shirahmad Gale Bagi, Shayan (Electrical and Computer Engineering)
“Advancing Causal Representation Learning: Enhancing Robustness and Transferability in Real-World Applications”

Xu, Xiaoyu (Electrical and Computer Engineering)
“Perceptual Relationship and Representation Learning for 3D Understanding and Quality Enhancement”

Yin, Jian (Electrical and Computer Engineering)
“Investigation, Fabrication, and Characterization of Metal-Insulator-Semiconductor InGaN/GaN Micro-LEDs With Superior Efficiency”

Zawia, Ahmed (Electrical and Computer Engineering)
“The Role of Time in Cryptography: Play, Fast Forward, and Speed Up”

MASTER OF APPLIED SCIENCE

Anjum, Ramisha (Electrical and Computer Engineering)

Avijeet, Priyank (Electrical and Computer Engineering)

Bai, Tonghe (Electrical and Computer Engineering)

Bai, Yudi (Electrical and Computer Engineering)

Bekmyrza, Marat (Electrical and Computer Engineering)

Chong, Jessica Katie (Electrical and Computer Engineering)

Dai, Zhao Feng (Electrical and Computer Engineering)

Dao, Eric-Khang Tan (Electrical and Computer Engineering)

Das, Ursula (Electrical and Computer Engineering)

Dhindsa, Manavjit Singh (Electrical and Computer Engineering)

Elbadrawy, Abdelrahman Khairy (Electrical and Computer Engineering)

Elleathy, Ahmad Abdelrahman (Electrical and Computer Engineering)

Gao, Zixuan (Electrical and Computer Engineering)

Jandhyala, Tanmayi (Electrical and Computer Engineering)

Jangali, Mostafa (Electrical and Computer Engineering)

Jiang, Yichen (Electrical and Computer Engineering)

Lawand, Wafic (Electrical and Computer Engineering)

Li, Ze Yuan (Electrical and Computer Engineering – Quantum Information)

Liang, Kairan (Electrical and Computer Engineering)

Madani, Seyedeh Nahal (Electrical and Computer Engineering)

McLachlan, Shane Burns (Electrical and Computer Engineering)

Mortazavimoghaddam, Seyyedsoroush (Electrical and Computer Engineering)

Nahorna, Oleksandra (Electrical and Computer Engineering)

Rahman, Abdur (Electrical and Computer Engineering)

Raju, S M Taslim Uddin (Electrical and Computer Engineering)

Sivakaran, Thanushon (Electrical and Computer Engineering)

Srikant, Sanjana (Electrical and Computer Engineering)

Su, Zi Jun (Electrical and Computer Engineering)

Syed, Miswar Akhtar (Electrical and Computer Engineering)

Tan, Renhao (Electrical and Computer Engineering)

Tang, Mei Qi (Electrical and Computer Engineering)

Thakur, Prajwal (Electrical and Computer Engineering)

Wu, LyuYuan (Electrical and Computer Engineering)

Yamini, Ali (Electrical and Computer Engineering)

Zeng, Xuanrui (Electrical and Computer Engineering)

Zhou, Justin (Electrical and Computer Engineering)

MASTER OF ENGINEERING

Ahmed, Imran (Electrical and Computer Engineering)

Almeida, Daniel (Electrical and Computer Engineering)

Ansari, Zohaib (Electrical and Computer Engineering)

Antani, Mayav Rohan (Electrical and Computer Engineering)

Bhusari, Amanpalsingh Surendrapalsingh (Electrical and Computer Engineering – Co-operative Program)

Chandrasekaran, Raghu (Electrical and Computer Engineering)

Chen, Chen (Electrical and Computer Engineering)

Chen, Qiaochu (Electrical and Computer Engineering)

Chen, Tong (Electrical and Computer Engineering)

Cheng, Jingde (Electrical and Computer Engineering)

Chui, Chun Kit Quentin (Electrical and Computer Engineering)

Coziuc, Fiori (Electrical and Computer Engineering – Electric Power Engineering)

De Marchi, Nicholas Donato (Electrical and Computer Engineering – Co-operative Program)

Dong, Shuhao (Electrical and Computer Engineering)

Drubra, Sahil (Electrical and Computer Engineering)

Duarte, Alric (Electrical and Computer Engineering)

Eno, Nyenooke Ubie-Otu (Electrical and Computer Engineering)

Fan, Jiarui (Electrical and Computer Engineering)

Gao, Betty (Electrical and Computer Engineering)

Garrido Mendoza, Luis Alberto (Electrical and Computer Engineering – Co-operative Program)

Gawali, Akshay Dhananjay (Electrical and Computer Engineering)

Ge, Jiaxin (Electrical and Computer Engineering)

Hanson, Devon (Electrical and Computer Engineering – Electric Power Engineering)

Hashemi, Sayed Hamed (Electrical and Computer Engineering)

He, Zhuohao (Electrical and Computer Engineering)

Hossein, Farhan (Electrical and Computer Engineering – Co-operative Program)

Huang, Bao Yi (Electrical and Computer Engineering)

Huang, Guanqi (Electrical and Computer Engineering)

Jethi, Dhruv (Electrical and Computer Engineering)

Jeyasankar, Shruthi (Electrical and Computer Engineering)

Jeyasingh, Alan Lifni (Electrical and Computer Engineering – Co-operative Program)

Ju, Wenting (Electrical and Computer Engineering – Co-operative Program)

Kalghatgi, Hritika Prasad (Electrical and Computer Engineering – Co-operative Program)

Kamal, Ahmad Nabil Yousef (Electrical and Computer Engineering)

Kansara, Devansh Pranavkumar (Electrical and Computer Engineering)

Kaur, Gurleen (Electrical and Computer Engineering)

Khangura, Harmehak Singh (Electrical and Computer Engineering)

Konduri, Venkata Sesha Aneesh Kumar (Electrical and Computer Engineering)

Krishna Mani, Ashwin (Electrical and Computer Engineering – Co-operative Program)

Lai, Tat Hei (Electrical and Computer Engineering)

Lathiya, Dhruvil Pravinbhai (Electrical and Computer Engineering)

Lee, Hong Joon (Electrical and Computer Engineering – Co-operative Program)

Lei, Yuxuan (Electrical and Computer Engineering)

Li, Liwei (Electrical and Computer Engineering)

Li, Qiang (Electrical and Computer Engineering)

Li, Yuqing (Electrical and Computer Engineering)

Ling, Wai Lok (Electrical and Computer Engineering)

Liu, Jingyue (Electrical and Computer Engineering)

Liu, Jipeng (Electrical and Computer Engineering)

Liu, Yexuan (Electrical and Computer Engineering)

Liu, Yitong (Electrical and Computer Engineering)

Liu, Yiwen (Electrical and Computer Engineering)

Liu, Yu (Electrical and Computer Engineering – Co-operative Program)

Liu, Zhongyan (Electrical and Computer Engineering)

Long, Xuanyan (Electrical and Computer Engineering)

Lukhi, Naimish (Electrical and Computer Engineering)

Luu, Allan (Electrical and Computer Engineering)

Mackenzie, Kieran John (Electrical and Computer Engineering – Electric Power Engineering)

Mahdi, Mohammad Ahmudur Rahman (Electrical and Computer Engineering)

Mohanta, Moleena (Electrical and Computer Engineering – Co-operative Program)

Mu, Delin (Electrical and Computer Engineering – Co-operative Program)

Nedumaran, Yogesharvind (Electrical and Computer Engineering)

Nguyen, Ngoc Minh Quan (Electrical and Computer Engineering – Co-operative Program)

Ni, Xuhao (Electrical and Computer Engineering)

Nidumolu, Jaya Karthik (Electrical and Computer Engineering)

Omotade, Adegbeniga Omoniyi (Electrical and Computer Engineering)

Oza, Devang Purnendubhai (Electrical and Computer Engineering)

Parashar, Vidit (Electrical and Computer Engineering)

Patel, Dip Vijaykumar (Electrical and Computer Engineering)

Patel, Preet Narendrakumar (Electrical and Computer Engineering)

Patel, Smit Dineshbhai (Electrical and Computer Engineering)

Patel, Trushang Narendrabhai (Electrical and Computer Engineering)

Pelit, Mehmet Ali (Electrical and Computer Engineering)

Peng, Zirui (Electrical and Computer Engineering)

Prasad, Gaurav (Electrical and Computer Engineering)

Prasanna, Shreya Manjunatha (Electrical and Computer Engineering)

Qian, Runfeng (Electrical and Computer Engineering – Co-operative Program)

Qiao, Hualong (Electrical and Computer Engineering)

Raavi, Deveswara Sai Praveen (Electrical and Computer Engineering)

Raghu, Trupthi (Electrical and Computer Engineering – Co-operative Program)

Rampal, Tanya (Electrical and Computer Engineering)

Ravikumar, Srinithi (Electrical and Computer Engineering)

Rawat, Aryan (Electrical and Computer Engineering)

Rehman, Ebad Ur (Electrical and Computer Engineering)

Richards, Brytni Jade Arden (Electrical and Computer Engineering – Co-operative Program)

Senguttuvan, Dharshan Kumar (Electrical and Computer Engineering)

Shahid, Faraz (Electrical and Computer Engineering)

Shi, Jiejia (Electrical and Computer Engineering)

Shi, Xuan (Electrical and Computer Engineering – Co-operative Program)

Shrivastava, Sonali Rajeev (Electrical and Computer Engineering)

Silveira Da Graca Costa, Nihal Jose Antonio (Electrical and Computer Engineering – Electric Power Engineering)

Singh, Harmanjot (Electrical and Computer Engineering)

Singh, Vidushi (Electrical and Computer Engineering)

Sinha, Ayush (Electrical and Computer Engineering)

Sivalingam, Sanjay (Electrical and Computer Engineering – Co-operative Program)

Song, Siyu (Electrical and Computer Engineering)

Tabouguia, Kevin Wilfred (Electrical and Computer Engineering)

Taneja, Varun (Electrical and Computer Engineering – Co-operative Program)

Thakkar, Vidhi Bhaveshbhai (Electrical and Computer Engineering)

Tian, Jiahe (Electrical and Computer Engineering)

Unadkat, Lakshit Rajeshbhai (Electrical and Computer Engineering)

Vaghela, Pankti Ajitbhai (Electrical and Computer Engineering)

Vasant, Jasmeet Singh (Electrical and Computer Engineering)

Wang, Guanjie (Electrical and Computer Engineering – Co-operative Program)

Wang, Jiamian (Electrical and Computer Engineering – Co-operative Program)

Wang, Peiqi (Electrical and Computer Engineering)

Wang, Ruomin (Electrical and Computer Engineering)

Wang, Sinan (Electrical and Computer Engineering)

Wang, Yiru (Electrical and Computer Engineering)

Wang, Ziyu (Electrical and Computer Engineering)

Warrier, Nithya Prakash (Electrical and Computer Engineering)

Wu, Zachary T (Electrical and Computer Engineering)

Xu, Boyang (Electrical and Computer Engineering – Electric Power Engineering)

Yan, Bin (Electrical and Computer Engineering)

Yao, Zongyue (Electrical and Computer Engineering)

Yin, Yuan (Electrical and Computer Engineering – Co-operative Program)

Yu, Gehao (Electrical and Computer Engineering – Co-operative Program)

Yu, Ziniu (Electrical and Computer Engineering)

Yu, Ziyang (Electrical and Computer Engineering)

Zakharchuk, Eugene (Electrical and Computer Engineering – Electric Power Engineering)

Zhang, Jinhe (Electrical and Computer Engineering)

Zhang, Junze (Electrical and Computer Engineering)

Zhang, Letian (Electrical and Computer Engineering)

Zhang, Luqi (Electrical and Computer Engineering)

Zhang, Tian Chen (Electrical and Computer Engineering – Electric Power Engineering)

Zhang, Wanruo (Electrical and Computer Engineering – Co-operative Program)

Zhang, Xiaoliang (Electrical and Computer Engineering)

Zhang, Yibo (Electrical and Computer Engineering)

Zhang, Zhen (Electrical and Computer Engineering – Co-operative Program)

Zhao, Luchen (Electrical and Computer Engineering – Co-operative Program)

Zhao, Siyuan (Electrical and Computer Engineering)

Zhao, Wenrui (Electrical and Computer Engineering)

Zhao, Yuqi (Electrical and Computer Engineering)

Zhu, Muqing (Electrical and Computer Engineering)

Zou, Xiaoyu (Electrical and Computer Engineering)

GRADUATE CERTIFICATE

Chen, Chien-Chih (University Teaching)

Yang, Wenbo (University Teaching)

Undergraduate degrees

BACHELOR OF APPLIED SCIENCE

COMPUTER ENGINEERING

Aaliyan, Syed Muhammed *

Adavan, Reshi Tharshan *

Aggarwal, Ankiti (Artificial Intelligence Option) *

Ahmed, Safia

Ahmed, Shahryar

Ahn, Young Ha

Aizenshtadt, Michael Daniel †

Akumalla Venkat, Varun *

Al Omari, Bassel †

Alam, Sussan *

Alamuri, Vivek †

Amjad, Hassan Ali *

Anadkat, Riya Alokhai *

Anjaria, Aadya Nishith *

Ardeshana, Abhi †

Ashraf, Muhammad Eimaan *

Bae, Ji Beom †

Barazandeh, Sasha Taghizadeh

Bechthold, Connor William *

Bedi, Randeep Singh (Computer Engineering & Joint Honours Mathematics) *

Bhalerao, Atharva Mukund *

Bian, Yaoda (Communications and Signal Processing Specialization) *

Boby, Irene Mary (Artificial Intelligence Option) †

Boparai, Sumnit *

Cai, Haowen *

Cai, Mark

Cameron, Tahjeira Ashley *

Canzona, Anthony Mario *

Castro, Jordan Joseph

Chan, Kyle (Quantum Engineering Specialization/Artificial Intelligence Option) †

Chanchlani, Ritik †

Chaudhry, Hassaan Ali *

Chen, Eric Yuxin

Chen, Joey †

Chigbo, Chinemerem Thomas *

Chiu, Sherwin Tsung Yau

Cho-Ah-Ying, Nicholas Kee

Chugh, Lovish *

Chung, Jeremy †

Correya, Alastair Dale (Communications and Signal Processing Specialization) †

Daru, Rishit †

Deng, Matthew Alexander

Deng, Shang Jian *

Deodhar, Joel Joseph *

Desai, Prabhav Gaurang (Quantum Engineering Specialization) *

Deshmukh, Neha Jaideep *

Dhami, Hersh Veer Singh *

Droujinine, Andrew †

Dumper, Eli Wallace *

Elhedhli, Yassine *

El-Imam, Sami Tareq Mohammed *

Erler, Ryan Lawrence *

Fang, Jordan Jesse *

Farokhi, Kiyon

Fernandes, Evan Tony *

Folkins, Joshua Thomas *

Fontanilla, Rachelle Mae Caraang *

Gandhi, Harsh *

Gao, Timothy †

Georgiev, Stefan Savov *

Ghai, Gurvick *

Gill, Tejas

Guan, Mark

Hamburger, Joshua Dave †

Hanif, Dania *

Hao, Matthew Li Qi

Haque, Syed Md Irfan Samir *

Hasan, Syed

He, Si Yuan †

Henfrey, Colin James

Ho, Jacky

Holly-Greco, George Innes

Hong, Aaron Jong Gi *

Hong, Eugene

Hou, Jason

Hsieh, Heng-An *

Hu, Shawn (Quantum Engineering Specialization) *

Huang, Daniel Jin *

Huang, Jessie *

Huang, Jiashuai †

Huang, Julian Jiaan

Huang, Steed *

Huang, Wenhao (Management Sciences Option)

Ichpekov, Luke Maximillian *

Iqbal, Labiba

Jeng, Eric *

Jiang, George JiaJun †

Jiang, James QiYuan †

Jiang, Kaihang †

Jiang, Ken †

Jishu, Joel

Jung, Jeyoung *

Khan, Affan Ali

Khanna, Siraj *

Khokhar, Tegbir Singh *

Kim, Edward Minwoo *

Kim, Gahan

Kim, Kevin Eumin (Artificial Intelligence Option) *

Koblinsky, Jakob Rudolph *

Kolodziej, Mark Christopher †

Kornelsen, Nolan Kent †

Krishnanandan, Sanjeiv Yadav *

Kumar, Anunay (Artificial Intelligence Option) †

Kumar, Kshitij *

Kusnir, Martin *

Kuvawala, Hussain

Lam, Adam (Artificial Intelligence Option)

Lau, Anson Christopher (Artificial Intelligence Option)

Lees, Dylan Mark *

Leung, Matthew Kai *

Li, Gary *

Li, Jia Hua *

Li, Tim (Quantum Engineering Specialization) †

Li, Xingliang (Combinatorics and Optimization Minor) †

Lin, Qiwen *

* – Distinction

† – Dean's Honours

Liu, Andrew Zi Xiao *

Liu, David Yutao *

Liu, Davis †

Liu, Heng Jia (Quantum Engineering Specialization)

Liu, Jiyu *

Liu, Qi *

Liu, Qing Yang *

Liu, Shuchao (Quantum Engineering Specialization)

Liu, Xuanli *

Lu, Benjamin Jiawin

Lu, Winston Hin Bong (Artificial Intelligence Option) *

Lu, Xin Yang *

Lui, Jaden Michael

Luo, Joey Qiaoyi

Luong, Kenneth

Ly, Justin †

Maeda, Ethan *

Mahalingam, Cheran †

Matin, Sayeed

McArdle, Liam *

McNabb, Taylor *

Mears, Cameron Richard Howden †

Memon, Ashhad Ismail

Meshram, Priyanshu *

Mikhaylov, Timur *

Mistry, Vraj Maheshkumar

Mladenov, Anton Nikolaev (Quantum Engineering Specialization) *

Moazzami, Kiana *

Molla, Nafis Fardin *

Mukherjee, Shrinjay *

Naik, Siddharth

Naranjo Paredes, Kevin Paúl

Ndur-Osei, Albert Kwesi

Ngai, Hanen *

Nguyen, Daniel Tuan

Nguyen Quang, Tina Tue Tien *

Nie, Wen Tao

Novoselsky, Alexander Angelov †

O'Brien, Dennis John †

Opel, Jeevan Singh †

Ostler, Mitchell Langdon *

Ou, Zefei †

Palathunkal, Justin

Parimalakanthan, Saenthan *

Parmar, Taksh Dipak

Patel, Aayushi Ramesh *

Patel, Dev Amit *

Patel, Kirteshkumar Manojkumar *

Patel, Vivek Bharat *

Qian, Guangxin *

Qian, Michael

Ra, Peter †

Rahman, Shahta Zaraab *

Rahman, Zoheb Abdur *

Rai, Lokansh

Rayappa, Joshua *

Richards, Isaiah

Risebrough, Christopher *

Rozario, Nathaniel Anthony

Sabharwal, Hardit Singh (Management Sciences Option) *

Said, David

Said, Nadeem Raja Souhail *

Saidoun, Ibrahim *

Salisi, Gabriel Valmoria

Santos, Christopher Ryan

Sarvalogan, Vithursan

Sarwar, Mohammad Adnan (Artificial Intelligence Option)

Shah, Jhanvi Bidhenkumar *

Shahid, Syed Abdullah *

Shanmugeswaran, Ghangka *

Sheikh, Naumaan Muhammad

Shen, Huan Yi (Quantum Engineering Specialization) †

Shen, Yubin *

Shi, Justin Zongyu †

Shi, Yuxuan †

Shroff, Varun *

Singh, Harsimranjeet

Singh, Prabhjyot (Artificial Intelligence Option)

Smith, Elizabeth Anne *

Son, Kyung Bin

Sood, Pratham *

Sood, Shivam †

Spence, Aaron Louis †

Srivastava, Ohm

Sudhagar, Vikram *

Sun, Sunny *

Sun, Zi Jun

Syed, Zuhayr *

Szypula, Damian David (Artificial Intelligence Option) *

Tang, Kathy ZiYuan †

Tang, Stanley Jiajun *

Tang, Zicong †

Tenn, Sterling Alexander *

Teresi, David Kiran (Communications and Signal Processing Specialization) *

Thiessen, Lucas Jonathan *

Thomas, Griffon Oak †

Uddin, Adiba *

Upadhyay, Dhruv *

Vora, Dhruv †

Wang, Angela *

Wang, Chenxi

Wang, David †

Wang, Jin Zhou *

Wang, Le Kang †

Wang, Li Hsien *

Wang, Michael Yanjie *

Wang, Xiangbo †

Wang, Xiaofeng †

Wang, Yi Fei †

Wasch, Ari Jackson

Weng, Kailin *

Wiecek, Lucas Alexander *

Wong, Caitlin Yeuk-Lan (Artificial Intelligence Option) *

Wong, Ethan Ho-Yin †

Wootton, William Edward *

Wu, Brian Yu Hao *

Wu, Edmond

Wu, Kristin Cheng (Physical Sciences Option) †

Wu, Raymond Rui Ming †

Xi, Taylor Tairan *

Xu, Jianxiang

Ye, Kenneth Lukang *

Young, Nicholas Ian *

Zaidi, Syed Muhammad Ali *

Zaman, Fardin *

Zeng, Daniel *

Zhang, Blair Hou

Zhang, Fangrui *

Zhang, Gavin Haodi

Zhang, Ivan *

Zhang, Mike Mingyang

Zheng, Yi Ran

Zheng, Yu Jun

Zhu, Xi †

ELECTRICAL ENGINEERING

Abbas, Zayd *

Aickiyaseelan, Arun David (Quantum Engineering Specialization)

Alsied, Bilal Samih *

* – Distinction
† – Dean's Honours

Arif, Hunnaan Khan
Azer, Meelad Isam Habib
Boni Bangari, Ashwin †
Chen, Juntao (Communication and Signal Processing Specialization) †
Chen, Kevin (Communication and Signal Processing Specialization) *
Chung, Carita Yanyuet (Communication and Signal Processing Specialization) *
Erickson, Kjell Bjorn †
Faria Espinoza, Alfonso Alejandro
Gand, Duke
Guevara, Emir Jesus *
Gupta, Wani *
He, Lucy (Communication and Signal Processing Specialization) †
Hosein Edoo, Yazeed *
Huang, Jeanette
Iyer, Ashwin Suresh
Javed, Nimrah
Kathiramaalai, Malavan
Khurana, Joharveer Singh
Kokhanov, Paul Matthew †
Kroeker, Owen Christopher
Lam, Angelina Wing Chun
Lam, Nicholas Jacob *
Lang, Andy (Computer Engineering Option) *
Lau, Khloe Kar Bo *
Lee, Chanhwan (Communication and Signal Processing Specialization) †
Lee, Subin
Li, Dennis
Li, Junshi
Liu, Zhechen †
Llanos, Justin Luke †
Manchanda, Tej Beer Singh *
Marcano, Jorge Andrés †
Markovic, Daniel
Nesibu, Masud
Oliyarnik, Daniel Bohdan *
Peng, Daniel (Communication and Signal Processing Specialization)
Perrone, Luca
Ramkhelawan, Jonathan Jeremiah Rawle †
Rodriguez, Javier Enrique *
Said, Munyr Samy Muhammad (Communication and Signal Processing Specialization)
Saini, Gaurav

Santhosh, Joanna
Saplagio, Kehn Cyrus Gomez
Sattar, Nashita (Communication and Signal Processing Specialization)
Shaheen, Ahmad Jamal *
Skells, Jason Robert *
Sternberg, Alexander Henry
Sun, Darren (Communication and Signal Processing Specialization) †
Sun, Jiaxuan †
Treacy, Jacqueline Marie Campbell (Communication and Signal Processing Specialization) †
Tripathi, Keval Vishnu (Communication and Signal Processing Specialization) *
Van Der Veen, Harry Mingjun (Communication and Signal Processing Specialization) *
Vergara De Leon, Reiner Paul
Wang, Ellen *
Xie, Yixuan †
Xu, Jialu (Communication and Signal Processing Specialization/ Computing Option) *
Yan, Jennifer †
Yang, Gary
Yang, Yalou *
Yuan, Chenao (Communication and Signal Processing Specialization) *
Zerbe, Emilia Margaret
Zhang, Yuman (Communication and Signal Processing Specialization) †

DIPLOMA IN JAPANESE LANGUAGE I

Huang, Julian Jiaan
Sun, Zi Jun

CERTIFICATE IN CO-OPERATIVE EDUCATION IN RESEARCH

Shen, Huan Yi

* – Distinction
† – Dean's Honours



SATURDAY

AFTERNOON CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF ENGINEERING

Graduate degrees

DOCTOR OF PHILOSOPHY

Aghaee Foroushani, (Chemical Engineering)

“Application of Deep Learning in Pharmaceutical Processes: Monitoring, Diagnosis and Modeling”

Ahmed, Khaja Wahab (Chemical Engineering)

“Development and Evaluation of Nickel and Cobalt-Based Mixed Metal Oxide Catalysts for Anion Exchange Membrane Water Electrolysis”

Ahmed, Moin (Chemical Engineering)
“Applications of Mathematical Models for Lithium-Ion Battery Management Systems”

Arab, Bahareh (Chemical Engineering)
“Strain Engineering and Bioprocess Development for Bio-Based Production of Porphyrins”

Fazaeli, Razieh (Chemical Engineering - Nanotechnology)
“Advanced Separator Modifications for Lithium-Sulfur Batteries: Multifunctional Organic Frameworks and Nanostructured Composites to Mitigate the Polysulfide Shuttle Effect”

Golchoubian, Mahsa (Systems Design Engineering)
“Human-Aware Autonomous Vehicle Navigation in Pedestrian-Rich Unstructured Environments”

Iranmanesh, Faezeh (Systems Design Engineering)
“An Experimental and Computational Investigation of the Mechanics of Oxidatively Damaged Cortical Bone With Applications to Aging and Disease States”

Keshavarz Motamed, Pouyan (Systems Design Engineering)
“Numerical and Experimental Investigation of Effects of Deformability of Circulating Tumor Cells in Physical Occlusion”

Lee, Hyowon (Systems Design Engineering)
“Toward Adaptive and User-Centered Intelligent Vehicles: AI Models with Granular Classifications for Risk Detection, Cognitive Workload, and User Preferences”

Liñán Romero, David Alejandro (Chemical Engineering)
“Mixed-Integer Nonlinear Programming Algorithms Based on Discrete Convex Analysis With Applications to Integrated Decision-Making Problems”

Liu, Zhongyi (Chemical Engineering)
“Engineering of Electrode-Electrolyte Interphase for High Performance Aqueous Rechargeable Batteries”

Lu, Dening (Systems Design Engineering)
“Transformer-Based Point Cloud Processing and Analysis for LiDAR Remote Sensing”

Mevawalla, Anosh (Chemical Engineering)
“The Effects of Temperature on Lithium-Ion Battery Cells and Packs”

Mishra, Abhishek (Chemical Engineering)
“Design of Online Estimator for Culture Monitoring and Media Development for Bordetella Pertussis”

Pradhan, Ashirbad (Systems Design Engineering)
“Electromyography-Based Biometrics for Secure and Robust Personal Identification and Authentication”

Promma, Ittisak (Chemical Engineering)
“Coupling Metabolic and Hydrodynamic Compartmental Models for Bioreactor Simulations”

Rahmati, Nahid (Systems Design Engineering)
“Computational Study of Cellular Adhesion in Metastasis: Implications for Circulating Tumor Cell Arrest, Extravasation, and Thrombosis Formation”

Rajendran, Vidyasagar (Systems Design Engineering)
“Towards Humanoids Operating Mobility Devices Designed for Humans”

Ravi, Aravind (Systems Design Engineering)
“Combined Action Observation, Motor Imagery and Steady State Motion Visual Evoked Potential Based Brain Computer Interface System”

Sadr, Sara (Chemical Engineering)
“Engineering Aerotolerance and Quorum Sensing Into Clostridium for Use as a Live Biotherapeutic Product Against Solid Tumors”

Seong, Hyun Su (Systems Design Engineering - Aeronautics)
“Examining Computer-Generated Aeronautical English Accent Testing and Training”

Shama, Yasser Sayed Ahmed Abdelaziz Mahrous

(Systems Design Engineering - Nanotechnology)
“Electrostatic MEMS Sensors: From Mechanism Discovery to Deployment in Liquid Media”

TADELE, DEBELA TESFAYE (Chemical Engineering)
“Modification of Zein Biopolymer for Material Applications: Biopolymer Blends, Films, Bioactive Deliver Nanoparticles, and Nanofibers”

Torenvliet, Nicholas Anthony (Systems Design Engineering)
“Towards Decision Support and Automation for Safety Critical Ultrasonic Nondestructive Evaluation Data Analysis”

Vasile, Alexandru Andrei (Chemical Engineering)
“A High-Order, Flow-Alignment-Based Compartmental Modelling Method”

Wang, Jun (Chemical Engineering - Nanotechnology)
“Engineering Cell-Penetrating Peptide Mediated Protein-Bound Nanoparticles for Delivering siRNA and Chemotherapeutics”

Yip, Aaron (Chemical Engineering)
“Tools for Manipulation of Microbial Communities Through Bacterial Conjugation”

Yu, Hao (Chemical Engineering)
“Investigation and Enhancement of Zn-Ce Redox Flow Battery Performance Through Experimental and Modelling Studies”

Yuan, Yi (Chemical Engineering)
“Novel Wide Bandgap Polymer Donors Containing Benzodithiophene and Substituted-Thiophene as Donating and Accepting Units for High Performance Non-Fullerene Acceptor Based Organic Solar Cells”

MASTER OF APPLIED SCIENCE

Abdelnabi, Mohamed Ashraf Mohamed (Systems Design Engineering - Nanotechnology)

Akbarnia, Negar (Chemical Engineering)

Allana, Sana (Systems Design Engineering)

Basha, Iman Farhad (Systems Design Engineering)

Braz Ramirez, Aline (Chemical Engineering)

Chen, Yining (Chemical Engineering)

Czarnecki, Krzysztof Jan (Systems Design Engineering)

David, Dency (Chemical Engineering)

de Loe, Lily Cristina Beatrix (Systems Design Engineering)

DiMaio, Rachel Marie (Systems Design Engineering)

Dudding, Casey Louise (Chemical Engineering)

Fathima, Amaan (Chemical Engineering)

Feng, Chun-Cheng (Systems Design Engineering)

Ghiasi, Fatima (Systems Design Engineering)

Hu, Yansong (Systems Design Engineering)

Jamali, Nooruddin (Chemical Engineering)

Kalani, Sahar (Chemical Engineering)

Kazemi, Sajjad (Systems Design Engineering)

Khanna, Dheeraj (Systems Design Engineering)

Kunihiro, Joshua Ken Ito (Chemical Engineering)

Lesage Fongue, Ophelie (Chemical Engineering)

Liu, Tianyu (Chemical Engineering - Nanotechnology)

Liu, Yizhe (Systems Design Engineering)

Mehinrad, Pardis (Chemical Engineering)

Momoh, Mustapha Unubi (Systems Design Engineering)

Nair, Saejith Muralidharan (Systems Design Engineering)

Patel, Aditya Hetalkumar (Systems Design Engineering)

Patel, Muhammed Ilyas (Systems Design Engineering)

Pattath, Karthika (Chemical Engineering)

Pena Cantu, Fernando Jose (Systems Design Engineering)

Prakash, Harish (Systems Design Engineering)

Reynoso Donzelli, Simone (Chemical Engineering)

Schmalenberg, Ryan Nabil (Systems Design Engineering)

Titcombe, Anne Adetola (Chemical Engineering)

Turner, Adam Robert (Systems Design Engineering)

Usas, Samantha (Chemical Engineering)

Wang, Tong (Chemical Engineering)

Warren, Alkris (Systems Design Engineering)

Werezak, Sarah Julia (Systems Design Engineering)

Xia, Wenxuan (Chemical Engineering)

Yu, Trevor Christopher Wei-Kin (Systems Design Engineering)

Zheplinska, Marta (Systems Design Engineering)

MASTER OF ENGINEERING

Anwar, Sadaf (Systems Design Engineering)

Audri, Amlan Nazmul Hai (Systems Design Engineering)

Bains, Ishan Singh (Systems Design Engineering)

Balabaskaran, Vicknesh (Systems Design Engineering)

Chen, Junyan (Systems Design Engineering)

Chen, Siqi (Chemical Engineering)

Chen, Yige (Chemical Engineering)

Deshpande, Parth Yogesh (Chemical Engineering)

Fang, Tianyimeng (Systems Design Engineering)

Fazal Abbas, Ali Asgar (Chemical Engineering)

Feng, Kailin (Systems Design Engineering)

Gao, Xiyang (Chemical Engineering)

Gu, Muhan (Systems Design Engineering)

Guo, Wang (Systems Design Engineering)

Jin, Zhiyang (Systems Design Engineering)

Johal, Mandeep Kaur (Systems Design Engineering)

Li, Bingxian (Systems Design Engineering)

Lin, Keyan (Systems Design Engineering)

Liu, Yujun (Systems Design Engineering)

Lu, Kaiyue (Systems Design Engineering)

Mukherjee, Riju (Systems Design Engineering)

Naiken, Divya (Systems Design Engineering)

Nasir, Hamad (Chemical Engineering)

Ning, Xuyang (Systems Design Engineering)

Niu, Yaqun (Systems Design Engineering)

Obioma, Prosper Eromosele (Chemical Engineering)

Patel, Smit Vinodkumar (Chemical Engineering)

Sodhani, Hriday (Chemical Engineering)

Taftian, Mahboubeh (Systems Design Engineering)

Tsui, Chloe (Systems Design Engineering)

Xiao, Tianyang (Systems Design Engineering)

Xie, Peisheng (Chemical Engineering - Co-operative Program)

Yi, Zihao (Systems Design Engineering)

Zarifi, Mohammad Hossein (Systems Design Engineering)

Zhang, Yuchen (Systems Design Engineering)

Zhang, Yuxi (Systems Design Engineering)

Zheng, Ziqi (Systems Design Engineering)

Zhou, Yulong (Systems Design Engineering)

GRADUATE CERTIFICATE

Mahdi, Anas (University Teaching)

Shama, Yasser Sayed Ahmed Abdelaziz Mahrour (University Teaching)

Undergraduate degrees

BACHELOR OF APPLIED SCIENCE

BIOMEDICAL ENGINEERING

Abellera, Sarah Grace *

Akrami, Rozhan (Computing Option) *

Almawi, Noura Aziza †

Altaf, Zain-Ul-Abideen (Medical Artificial Intelligence Specialization) *

Ansari, Asma (Computing Option) *

Arsenault, Noémie †

Avudaiappan, Rashmi *

Bansal, Divesh †

Bhatia, Ishan Aloïs Singh (Neural Engineering Specialization) *

Bheda, Nishit Rajeshku (Medical Artificial Intelligence Specialization) †

Bosca, Eugen John (Computing Option) *

Chiu, Tom Kung Hing †

Chung, Daye *

Cicek, Utku (Medical Artificial Intelligence Specialization) *

Clark, Lily Li Xia (Computing Option) *

Cornelious, Rhys Tieman †

Cosma, Julia

Crisan, Victor †

De Mey, Marie Mireille Jean-Marie Ghisleen †

Dickenson, Mekeda Nigelia-Ann *

D'Mello, Sean John Ethan †

Frew, Michael John (Medical Artificial Intelligence Specialization/Computing Option) †

Gananathan, Athavan (Medical Artificial Intelligence Specialization) †

Gonzalez Serracin, Luis Noriel

Hanna, Carine (Biomaterials and Tissues Specialization) *

Hossain, Saad (Medical Artificial Intelligence Specialization) †

Hu, Qi Zhi †

Israel, Abbey Madison Foerster (Computing Option & Management Sciences Option) †

Jamali, Jordan Kasra (Computing Option) *

Javed, Humdaan (Medical Artificial Intelligence Specialization) †

Jenkins, Mara Emily *

Jo, Joanne Hosun (Mechatronics Option) *

Kang, Jaeyoung *

Le, Hoang Bao Khanh (Computing Option) †

Lee, Jacqueline Olivia †

Lee, Karyn

Li, Grace Joie †

Li, Vicki (Neural Engineering Specialization) †

Lollino, Sophia †

Louie, Emma Lauren *

Lu, Kelly †

Luk, Ethan Jee Hong (Computing Option) †

Mahey, Shrey *

Majjani, Ghaith Mohamed

Matti, Rian (Computing Option) *

Mistry, Bhavisha (Computing Option) †

Mitchell, Joseph Edward †

Mohideen, Mohamed Isa †

Murray, Michael Donald (Medical Artificial Intelligence Specialization) †

Ng, Chantelle Charlise (Sports Engineering Specialization) *

Ni, Ruihong *

Nigusie, Mary Tadese

Norman, Rachel Grace Shihui (Computing Option) *

O'Connell, Marley Elizabeth †

Owen, Cooper Ernest (Medical Artificial Intelligence Specialization) †

Parmar, Seerat (Artificial Intelligence Option) †

Patel, Hrishik Rikin (Mechatronics Option) †

Pawar, Shreya (Computing Option – French Minor) *

Power, Amanda Leigh Butler *

Prakash, Ria (Computing Option) †

Prerona, Rayeeda Afrida (Computing Option) *

Qin, Katherine †

Ranger, Alyson Mackenzie *

Reid, Philippa Grace (Environmental Engineering Option)

Rodriguez Suarez, Sofia (Computing Option) *

Rose, Sean Kenneth (Medical Devices Specialization) †

Sarikaya, Seniha Betul (Medical Artificial Intelligence Specialization/Computing Option) *

Scenna, Kyle Bruno (Medical Artificial Intelligence Specialization) †

Schuetze, Rebecca Hanna (Computing Option) †

Serrao, Caitlin Alexa *

Sharma, Isha (Computing Option) †

Sirimanna, Anudi Isiri *

Spadafora, Adalia Emily

Suys, Samuel Patrick (English Language and Literature Minor) †

Syed, Amena Fatima (Medical Artificial Intelligence Specialization) †

Szeto, Sammi Stephanie (Computing Option) †

Thomas, Naomi Eskinder (Computing Option) *

Toy, Lauren Jean †

Trub, Hannah Maria *

Tsai, Jennifer Yun-Jen *

Virzi, Nicholas Mauro *

Wong, Brooklyn Yue (Computing Option) *

Woo, Seo Yeon (Medical Artificial Intelligence Specialization/Computing Option) *

Wray, Rashel

Xie, Christina *

Xue, Kaiwen †

Yan, Ryan He †

Yang, Jessica Yuting †

Zala, Divyajeet (Medical Artificial Intelligence Specialization) †

Zhu, Yansong (Computing Option) *

CHEMICAL ENGINEERING

Abdi, Khadija

Adey, Hannah Harley

Adeyemo, Ibitayo Aderike (Energy and Environmental Systems and Processes Specialization) *

Ahmed, Samia (Materials and Manufacturing Processes Specialization)

Alam, Emaad (Energy and Environmental Systems and Processes Specialization) *

Ali, Aknan Omer *

* – Distinction

† – Dean's Honours

Almalki, Huda

Almeida, Meghan Lara (Materials and Manufacturing Processes Specialization) *

Asrat, Samuel (Materials and Manufacturing Processes Specialization)

Belding, Aiden Levi (Materials and Manufacturing Processes Specialization) *

Biobaku, Aisha Oluwabusola *

Blair, Tyler Darren

Brajuka, Melina (Materials and Manufacturing Processes Specialization) *

Campbell, Sophie Morgan (Materials and Manufacturing Processes Specialization)

Cedillo Yanez, Joe Alexander *

Chau, Brian Tak -Tai (Energy and Environmental Systems and Processes Specialization)

Chen, Jian Ye (Energy and Environmental Systems and Processes Specialization) *

Chen, Susan †

Chen, Yifei

Coutinho, Ethan Cruz (Energy and Environmental Systems and Processes Specialization)

Davis, Leah Rose

Desai, Tanika Ketan (Energy and Environmental Systems and Processes Specialization) *

Downes, Danielle Kathryn (Energy and Environmental Systems and Processes Specialization) *

Duff, Robert Miro (Energy and Environmental Systems and Processes Specialization) *

Erfani Zachy Yazd, Sam †

Ersil, Julia (Chemical Process Modelling, Optimization and Control Specialization & Materials and Manufacturing Processes Specialization) †

Eudoxie, Zahra Khalia (Energy and Environmental Systems and Processes Specialization) †

Fonseca Cerrato, Daniel Adolfo *

Fredericks, Cole Martin (Materials and Manufacturing Processes Specialization) †

Freudenthaler Galvan, Max

Fuh, Rebecca Megan (Materials and Manufacturing Processes Specialization) †

George, Alwin *

Ghosh, Shunam (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option) †

Gill, Ethan James (Materials and Manufacturing Processes Specialization) *

Godzisz, Joshua Adam (Materials and Manufacturing Processes Specialization) *

Grewal, Bavneet Kaur

Gupta, Ansh (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option) †

Hasan, Areeba (Materials and Manufacturing Processes Specialization) *

Hatanaka, Evan Michael (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option)

Holowka, Sarah Anne (Materials and Manufacturing Processes Specialization) *

Huang, Benjamin Zheyuan (Materials and Manufacturing Processes Specialization) †

Huang, Calvin

Jean-Charles, Cédric (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option) *

Jeevanathan, Abiramy (Energy and Environmental Systems and Processes Specialization) *

Jiang, Heidi (Materials and Manufacturing Processes Specialization) *

Jiang, Ke †

Juvatopolos, Samuel Adam Freeman (Materials and Manufacturing Processes Specialization) *

Kapur, Vivek (Materials and Manufacturing Processes Specialization) †

Karvekar, Abhaya (Materials and Manufacturing Processes Specialization) *

Khan, Manal Binte Iqbal (Chemical Process Modelling, Optimization and Control Specialization) †

Khan, Sameen Wafa (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option) *

Khan, Simran Araf

Kilambi, Anirudh Krishna *

Kim, Ahreum (Energy and Environmental Systems and Processes Specialization)

Kim, Donghoon (Materials and Manufacturing Processes Specialization)

Kumara, Rachel Renee (Chemical Process Modelling, Optimization and Control Specialization)

Kwon, Joseph (Energy and Environmental Systems and Processes Specialization) *

Lam, Eric Kiet (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option)

Lee, Benjamin Chiang-Chuan (Materials and Manufacturing Processes Specialization) *

Lee, Thomas *

Lee, Youngwoo *

Leung, Jodie Amanda (Chemical Process Modelling, Optimization and Control Specialization & Materials and Manufacturing Processes Specialization) *

Ling, Benjamin Joel (Materials and Manufacturing Processes Specialization) *

Liu, Gavin Jiawen (Energy and Environmental Systems and Processes Specialization & Materials and Manufacturing Processes Specialization) *

Liu, Marcus (Materials and Manufacturing Processes Specialization) †

Liu, Matthew Bingchao (Energy and Environmental Systems and Processes Specialization) *

Livvarcin, Omer Ilker (Energy and Environmental Systems and Processes Specialization)

Lu, Zhaorong (Materials and Manufacturing Processes Specialization) *

Luu, Long Duc (Energy and Environmental Systems and Processes Specialization) *

Mah, Sarah Lindsay

Metcalfe, Leah Jade (Chemical Process Modelling, Optimization and Control Specialization)

Naim, Adel (Energy and Environmental Systems and Processes Specialization) *

Ng, Brendan Thomas †

Nguyen, Daniel (Chemical Process Modelling, Optimization and Control Specialization)

* – Distinction

† – Dean's Honours

Nguyen, Hoang Vinh Phuc †

Ogunleye, Olutamilore (Chemical Process Modelling, Optimization and Control Specialization) †

Oko-Obob, Ebinehita Phillipa *

Park, Si On (Chemical Process Modelling, Optimization and Control Specialization) *

Patroiu, Christian (Materials and Manufacturing Processes Specialization) *

Patterson, Julia Xiaying *

Petroccia, Robert David (Management Sciences Option) *

Petsinis, Daniel Thomas (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option) *

Pileggi, Jonathan Alexander *

Porter, Ethan Michael *

Purdie, Riley Marie (Materials and Manufacturing Processes Specialization) *

Sain, Madeline Moretti (Energy and Environmental Systems and Processes Specialization) †

Salam, Manaal (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option) *

Sao, Britney †

Seto, Maeve Elizabeth

Shahwan, Mohammad Emad El-din (Chemical Process Modelling, Optimization and Control Specialization) *

Sharma, Govind (Energy and Environmental Systems and Processes Specialization)

Shelley, Michael Robert

Sivaneswaran, Thusani (Energy and Environmental Systems and Processes Specialization) *

Smith, Connor John (Energy and Environmental Systems and Processes Specialization)

Smith, Michael Jeffrey (Energy and Environmental Systems and Processes Specialization) †

Song, Hyunju (Materials and Manufacturing Processes Specialization) *

Suganthan, Nalann Krishna (Chemical Process Modelling, Optimization and Control Specialization/Management Sciences Option)

Tayzon, Louise Meryll Anne (Chemical Process Modelling, Optimization and Control Specialization)

Thirugnanasampanthar, Vaishala (Energy and Environmental Systems and Processes Specialization) *

Thomas, Kjerste Nenita (Materials and Manufacturing Processes Specialization) *

Tranchemontagne, William John Ross (Materials and Manufacturing Processes Specialization)

Vandermeulen, Kyle (Materials and Manufacturing Processes Specialization)

Wager, Caitlin Julia Qi (Materials and Manufacturing Processes Specialization)

Wamia, Wamia (Materials and Manufacturing Processes Specialization) *

Wan Ping Su, Vivian (Materials and Manufacturing Processes Specialization) *

Wei, Zoey Yutong (Energy and Environmental Systems and Processes Specialization)

Winter, Alexander Edward (Materials and Manufacturing Processes Specialization) *

Xu, Shijie (Energy and Environmental Systems and Processes Specialization)

Xu, Zhang Rui (Materials and Manufacturing Processes Specialization) †

Zhang, Allan (Materials and Manufacturing Processes Specialization) †

Zhang, Haoze (Materials and Manufacturing Processes Specialization) *

Zhang, Mary Ann (Energy and Environmental Systems and Processes Specialization) *

Zhang, Yuhang (Materials and Manufacturing Processes Specialization) †

Zlobec, Sonita (Energy and Environmental Systems and Processes Specialization/Environmental Engineering Option) †

NANOTECHNOLOGY ENGINEERING

Agarwal, Parth *

Ali, Syed Basam (Nanoelectronics Specialization)

Anand, Mandeep

Anantha Krishnan, Arjun (Nanofabrication Specialization) *

Balbon, Chase Alexander MacDougall (Nanobiosystems Specialization/Quantum Engineering Option) *

Bar-Ziv, Benjamin Menachem *

Bawangaonwala, Aliasgar (Nanobiosystems Specialization) †

Bell, Joshua Parker (Nanomaterials Specialization & Nanobiosystems Specialization) †

Benedict, Shawn Adam †

Birdi, Amarjot Singh

Cabrera, Wheiskie Vince (Nanobiosystems Specialization) *

Cabrera Ortiz, Leonardo (Nanobiosystems Specialization) *

Camano Alcedo, Andreina Elilia *

Carruthers, Owen Michael Radford

Chandi, Anmol

Chandrasekar, Skandan

Chatoo, Samiha Fatema

Chen, Pei Tao (Nanobiosystems Specialization)

Chhin, Jayden Kyle (Nanobiosystems Specialization) *

Chin, Jonathan Garry Ming Enn (Nanobiosystems Specialization) *

Chung, Nicholas *

Curtay, Mohammed Hamzah *

Dakhil, Rand *

Dayanandan, Shyamaleeswari (Nanoelectronics Specialization) †

Dembicky, Joshua Scott (Nanofabrication Specialization & Nanomaterials Specialization/Quantum Engineering Option) *

Dhingra, Sasha (Nanobiosystems Specialization)

Dhir, Aryan

Fudge, Natalie Morgan (Nanobiosystems Specialization) †

Garrido Portilla, Vicente Bastian (Nanobiosystems Specialization/Life Sciences Option) †

Gavronskiy, Elizabeth Eve (Computing Option) †

Goolab, Naqiyah Maryam (Nanobiosystems Specialization) *

Graham, Olivia Faith (Nanobiosystems Specialization) †

Ha-Ngoc, Anthony (Nanofabrication Specialization) †

Hanley, Michael Eury (Nanoelectronics Specialization/Physical Sciences Option)

Hanna, Christina Mourad (Computing Option) †

Hua, Sean Benjamin (Nanoelectronics Specialization) *

Huang, Junzhe (Nanoelectronics Specialization) *

* – Distinction

† – Dean's Honours

Jog, Gehna Singh (Nanobiosystems Specialization)

Kanani, Darsh

Keen, Anthony Warren Edward

Keisig, Cameron Robert Thomas (Nanobiosystems Specialization) *

Kim, Yujin (Nanobiosystems Specialization)

Kong, Brandon (Computing Option) *

Kpordzh, Stephanie Yaa (Nanobiosystems Specialization) *

Krishnamurthy, Siddharth (Nanobiosystems Specialization)

Kutnik, Monika (Nanobiosystems Specialization) *

Lou, Lijun

Lussier-Gibbons, Zoé Gui-Yi (Computing Option) *

Magrath, Alexander James (Nanomaterials Specialization)

Magrath, Joshua Rees (Nanomaterials Specialization)

Manuel, Timothy Tin-Long *

Ma-Pan, Stephen *

Maradin, Mathew Thomas (Computing Option) *

Markovic, Benjamin Matthew (Nanobiosystems Specialization) *

Matovic, Ana (Nanobiosystems Specialization) *

Micic, Filip †

Mungroo, Kiran Dareem †

Ngo, Paul (Nanobiosystems Specialization) *

Nguyen, Daniel Danchi

Nicoletta, Ayden James (Nanobiosystems Specialization) *

Niu, Dexter (Nanoelectronics Specialization) *

Osman, Aseel Sami (Nanobiosystems Specialization) †

Patel, Dhruv

Pereira, Valuscha Pearl (Nanobiosystems Specialization) *

Persaud, Amaan Khimji (Nanobiosystems Specialization) *

Pierce, Emily Grace (Nanoelectronics Specialization)

Pinlac, Lyka Nadine Bolivar (Nanobiosystems Specialization)

Qu, Ziyi (Nanoelectronics Specialization) *

Rajput, Priya Kaur †

Ripla, Alyssa Krysten

Shandrabose, Aishvika

Shehadeh, Mostafa (Nanobiosystems Specialization)

Shin, Seokjee (Nanobiosystems Specialization) †

Shteinbok, Daniel (Physical Sciences Option) *

Singh, Ethan Werner (Nanobiosystems Specialization) *

Smith, Jaeden Damian (Nanobiosystems Specialization) *

Spero, Mikayla Britney (Nanobiosystems Specialization) *

Srinivasa, Shrisha (Nanobiosystems Specialization) *

Stevens, Joshua Martin †

Sullivan, Wyatt Douglas †

Toy, Hannah Grace (Nanoelectronics Specialization) †

Vaillancourt, Kailyn Ann (Nanoelectronics Specialization/Quantum Engineering Option) *

Varatharuban, Magilan (Computing Option) *

Vassilchenko, Michael (Nanomaterials Specialization) *

Veeru, Hayagreev

Wang, Ze Da (Nanoelectronics Specialization) †

Warsi, Aliyah (Nanobiosystems Specialization)

Wijerama, Weerakkody Tiffani Sarah M (Nanobiosystems Specialization)

Woldegebreal, Samuel Aria (Nanoelectronics Specialization)

Yang, Ziyang (Nanobiosystems Specialization/Entrepreneurship Option) *

Zeng, Angel Tian Shi (Nanobiosystems Specialization)

Zhang, Melissa (Nanobiosystems Specialization) *

SYSTEMS DESIGN ENGINEERING

Alawie, Hassan Ali (Artificial Intelligence Option) *

Anugopal, Madhav

Arora, Arul *

Arun, Kavya (Computing Option) *

Asfour, Raghad

Ashley, Sean Dylan (Computing Option) †

Baboolal, Maya Zoë

Barton, Nicholas Huie (Computing Option) †

Binder, Oana Bianca *

Boyagoda, Venul Jayathra *

Burns, Catherine Ann (Computing Option)

Chatha, Sharon

Chenier, Kayla Lauren Ordean *

Chiu, Skyler Ming Git (Computing Option) †

Choi, Darren Ky (Computing Option)

Cismas, Sabina

Cvetic, Alexander Ji Si Jing †

Davis, Sandra Rachel (Intelligent and Automated Systems Specialization)

Dawood, Muhammad

Dryden, Jennifer Bailey (Computing Option) *

Eshkenazi, Jacques †

Fouzie, Gregory Yoshi George *

Franz, Curtis Kenneth (Computing Option) *

Han, Tong Yin (Cognitive Science Minor) *

Hegde, Nirmal Shrikant (Computing Option) *

Hepburn, Hannah May (Human Factors and Interfaces Specialization) *

Hermanns, Sophie-Gabrielle (Computing Option) †

Jain, Rakshita (Management Sciences Option) †

Javed, Neha (Management Sciences Option) *

Jeevakumar, Riishi *

Jeevaretnam, Ghanan

Ju, Jialu (Computing Option)

Kalimipalli, Narasimha

Lam, Shun Yin †

Lamonica, Giuseppe Diago Evaristo (Human Factors and Interfaces Specialization) *

Lazaro, Shaun Christofer Alvarez (Computing Option & Management Sciences Option) †

LeBlanc, Sydney (Computing Option) †

Lee, Sabrina Erica (Computing Option) *

Lerdorf, Carl Alexander

Li, Cheryl (Computing Option) *

Lim, Joseph Hyunjin (Intelligent and Automated Systems Specialization/Artificial Intelligence Option) †

Linton, Carl Adam Reginald

Liu, Allen Ke-Yu (Management Sciences Option & Computing Option) †

Liu, Calvin (Computing Option) *

* – Distinction
† – Dean's Honours

Liu, David *
Liu, Minghao *
Lu, Tony Yihong *
Lum, Faith Wai-Ching (Intelligent and Automated Systems Specialization/Artificial Intelligence Option) *
Manivannan, Aswika (Computing Option) *
Manjgo, Ena Ines
Marshall, Brendan Joshua (Intelligent and Automated Systems Specialization/Management Sciences Option) †
Mastali, Maxwell (Computing Option) *
Mckay, Lana Patricia Bernatowycz *
Mittal, Siddhartha (Computing Option) *
Montazeri, Daniel
Murphy, Jocelyne *
Na, Edward (Computing Option) *
Ng, Christine Yen Mei †
Ng, Nicholas Michael *
Ngai, Tiffany (Computing Option) †
Oka, Christopher Kazuo Roy (Computing Option) †
Omkararuban, Mayurah (Management Sciences Option & Biomechanics Option) *
Padhye, Gaurav Madhav
Paliwal, Devanshi *
Palmar, Nicolas (Computing Option) †
Patel, Chaitya Ankur (Computing Option) †
Patel, Nilang Dhirenkumar †
Patel, Parmin Suketukumar (Computing Option)
Patel, Parth Sunilkumar (Computing Option) *
Persichini, Laura Christina (Computing Option) *
Poonawalla, Serena (Computing Option) †
Rahman, Suhyma (Intelligent and Automated Systems Specialization) *
Rao-Pandit, Tara (Computing Option) †
Rawal, Iknoor Kaur *
Ricker, Nathaniel Isaac
Rodrigues, Jason Bernardo (Computing Option) *
Satkunarajah, Janani (Computing Option) †
Sharma, Shivam *
Shibly, Aiysha

Souphanthong, Nathan (Computing Option) *
Teng, Tiffany Hol-Ga (Computing Option) †
Tian, Qi *
Tsai, Raewyn (Computing Option) *
Tse, Maia Grace (Societal and Environmental Systems Specialization) *
Vaserman, Sean Raviv
Walli-Attai, Ameen (Management Sciences Option) *
Wang, Kevin †
Wazir, Azaan Hassan (Computing Option) *
Widjaja, Brian (Computing Option) *
Wong, Elizabeth May (Human Factors and Interfaces Specialization) †
Wong, Evan Matthew (Computing Option) *
Wong, Jonathan (Artificial Intelligence Option) *
Xin, Esther *
Yaakoub Agha, Ebrahim Ghassan (Computing Option) *
Yan, Erick †
Yogananthan, Kapishan
Yu, Anson
Yu, Wen Qing (Computing Option & Management Sciences Option)
Zhang, Matthew Ji (Computing Option) *
Zhang, Yan Shuang
Zhuang, Amber Yufei †
Zou, Xin Yu *

DIPLOMA IN SUSTAINABILITY

Desai, Tanika Ketan
Huang, Calvin
Jeevanathan, Abiramy
Sivaneswaran, Thusani

CERTIFICATE IN CO-OPERATIVE EDUCATION IN RESEARCH

Benedict, Shawn Adam
D'Mello, Sean John Ethan
Fredericks, Cole Martin
Garrido Portilla, Vicente Bastian
Graham, Olivia Faith
Ng, Chantelle Charlise
Owen, Cooper Ernest
Rose, Sean Kenneth
Vaillancourt, Kailyn Ann
Yang, Daniel

* – Distinction
† – Dean's Honours



SATURDAY

EVENING CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF ENGINEERING

Graduate degrees

DOCTOR OF PHILOSOPHY

Abedin, Sayed Joinal Hossain

(Civil Engineering – Water)
“A Stochastic Framework for Urban Flood Hazard Assessment: Integrating SWMM and HEC-RAS Models to Address Watershed and Climate Uncertainties”

Akgun, Esma (Management Sciences)

“Optimizing Healthcare Delivery for Infectious Disease Testing”

Bhadra, Rituraj (Civil Engineering)
“Non-Stationary Stochastic Modelling of Climate Hazards for Risk and Reliability Assessment”

Byrnes, Danyka K (Civil Engineering)
“Land-To-Water Linkages: Nutrients Legacies and Water Quality Across Anthropogenic Landscapes”

Campos, Bruna Caroline (Civil Engineering)
“Finite Element Models for Multiscale Theory of Porous Media”

Charron, Nicholas (Civil and Mechanical and Mechatronics Engineering)
“Towards SLAM-Centric Inspection of Infrastructure”

Chlumsky, Robert (Civil Engineering)
“Advancing the Efficient Development and Deployment of Hydrologic and Hydraulic Models for Large Scale and Real-Time Applications”

Earle, Gabriel Elijah (Civil Engineering)
“Rethinking Infrastructure Deconstruction Through Reality Data Capture and Interactive Simulations”

Elyasi, Niloofar (Civil Engineering)
“Advancing Structural Engineering Through Data-Driven Methodologies: Seismic Vulnerability Assessment and Backbone Curve Determination”

Hatefiardakani, Saeed (Civil Engineering)
“Reduced Order Geomechanics Models”

Khaled, Shah Mostafa (Management Sciences)
“Shipment Consolidation in Hub Location Modelling”

Lopez Morales, Daniel Felipe (Civil Engineering)
“Finding Specific Industrial Objects in Point Clouds Using Machine Learning and Procedural Scene Generation”

Malik, Lamisa (Civil Engineering – Water)

“Phosphorus Legacies and Water Quality Trajectories Across Canada”

Paul, Abhisek (Civil Engineering)
“Semi-Analytical Framework for Thermo-Mechanical Analysis of Energy Piles in Elastic and Elastoplastic Soils”

Posavljak, Milos (Civil Engineering)
“Development of Tools for Infrastructure Asset Management Cross-Asset Trade-off Analysis and Universal Performance Measure for Public Agencies”

Rennick, Christopher Donald (Management Sciences)
“Exploring Domain Knowledge and Personal Epistemology in the Development of Design Expertise in Novices”

Sharma, Aditi (Civil Engineering)
“Chemo-Rheological Characterization of Asphalt Binders Using Different Aging Processes”

MASTER OF APPLIED SCIENCE

Al Humidi, Sara (Civil Engineering)

Bashbishi, Lamar (Civil Engineering)

Bindas, Savannah (Civil Engineering)

Chamani, Houmaan (Management Sciences – Co-operative Program)

Farag, Natalie (Civil Engineering)

Ghasemi, Lida (Management Sciences)

Gomes, Alice Stephanie (Civil Engineering – Water)

Hoveida, Sina (Management Sciences)

Islam, Zahidul (Civil Engineering)

Miyake, Ryoto (Civil Engineering)

Moran, Erica Lynne (Civil Engineering)

Nova, Natalie (Management Sciences)

Sakib, Ahmed Shahriar (Management Sciences)

Shrimpton, Catherine Ellen (Civil Engineering)

Sun, Xiaoyu (Civil Engineering)

Thirimanne, Hettige Dona Thiruni Dulara (Civil Engineering – Water)

Uramowski, Andrew Michael (Civil Engineering – Water)

Wallace, Nettie Elizabeth (Civil Engineering – Water)

You, John (Civil Engineering)

MASTER OF ARCHITECTURE

Alqasas, Batool

Baudoux, Anthea Loane

Blay, Rowan James

Brown, Brianna Nicole St Clair

Cai, Jason

Carr-Harris, Philip

Cheng, Lok Ching Nadia

Clusiau, Silas Hilaire

De Jeu, Claire Nhu

Del Rosario, Johannah-Gwyneth

Drmac, Vanessa

El-Naggar, Maryam

Fathi, Sepehr

Fournier, Marc-Antoine

Fujita, Liam Connor

Garboushian, Razmig Avedis

Garcia, Nixon Cuevas

Goel, Vani (Water)

Guo, Han (Water)

Gutierrez, Monica Avery

Han, Kunheng (Co-operative Program)

Hanna, Simone Samy Helmy

Holder, Alexa Megan (Water)

Hur, Yoon

Kaczmarczyk, Magdalena

Khan, Ilsa Naveed

Khan, Zhoya

Khandelwal, Harsh Pavan (Co-operative Program)

Lam, Phyllis Hui Kei

Lee, Ernest

Liao, Simon Xinmeng (Co-operative Program)

Mok, Lauren Wing Sze

Myers, Katia Michelle Justice

Niu, Meizhu

Peiris, Simon Eustace

Pereira, Olivia Danielle

Perry, Maxwell Andrew Wolff
Rizvi, Inam Zehra
Rohail, Mahirah (Co-operative Program)
Rosel, Carlo Adrian Flores (Co-operative Program)
Shah, Oshin (Co-operative Program)
Siu, Kenneth
Tang, Cong Ming
Wong, Madeleine Audrey Sze Mun
Wu, Weichao (Water)
Zhang, Yi Chen
Zheng, Ling Yi
Zubairi, Hiba Hasan

MASTER OF ENGINEERING

Aubin, Adam Luc (Civil Engineering)
Bhatia, Ritik Kishanbhai (Civil Engineering)
Hailu, Natnael Solomon (Civil Engineering)
Jin, Xiaoyi (Civil Engineering)
Krijnen, Richard Joseph Agus (Civil Engineering)
Loka, John (Civil Engineering)
Manoharan, Sharan Pragateiswaran (Civil Engineering)
McDonald, Maxwell Christianson (Civil Engineering)
Mohammed, Safwan Mohi (Civil Engineering)

MASTER OF MANAGEMENT SCIENCES

Ahmed, Tanajjul (Co-operative Program)
Aminu, Oreoluwa Toluwanimi Deborah
Baker, Noelle Elizabeth
Bernard, Halroy O’Brian
Bhandarkar, Pinak Prakash (Co-operative Program)
Cai, Zixuan (Co-operative Program)
Chandani, Bhagya (Co-operative Program)
Chen, Hanwen (Co-operative Program)
Chitnavis, Tushar Sunil (Co-operative Program)
Desai, Mihirsinh Pravinsinh (Co-operative Program)
Dua, Saurabh (Co-operative Program)
Guo, Tianhao
Hijazi, Lily

Irfan, Nayab (Co-operative Program)
Khan, Muhammad Mahad (Co-operative Program)
Kumar, Karan (Co-operative Program)
Kumar, Shashank (Co-operative Program)
Lad, Sarthak Gajanan (Co-operative Program)
Li, Minxuan (Co-operative Program)
Li, Shuyao (Co-operative Program)
Li, Wenqi
Liang, Ziqing (Co-operative Program)
Mai, Qingda (Co-operative Program)
Mao, Yanwen (Co-operative Program)
Mei, Yunya (Co-operative Program)
Memis, Rahmi Avni (Co-operative Program)
Patel, Shubham Dinesh
Rane, Sharvari (Co-operative Program)
Roy, Disha (Co-operative Program)
Sanchez Romero, Jose Alejandro
Sapra, Aarsh (Co-operative Program)
Satish, Deepak Shrinivas (Co-operative Program)
Shahjahan, Shabiba Binte (Co-operative Program)
Shardul, Apurva Dilip (Co-operative Program)
Shirinchi, Maryam
Unnikrishnan, Aksheya (Co-operative Program)
Verma, Siddharth
Wang, Jinyi (Co-operative Program)
Xu, Xinru (Co-operative Program)
Xu, Xuanye
Zhang, Qichen

GRADUATE CERTIFICATE

Medon, Blessing Osarumwense (University Teaching)
Mosavari Nezamabad, Nastaran (University Teaching)
Saeed, Fam Fahmy Abdelmalak (University Teaching)

Undergraduate degrees

BACHELOR OF APPLIED SCIENCE

ARCHITECTURAL ENGINEERING

Abouhamda, Janeen Ayman

(Building Structures Specialization) *

Al-Aoussi, Mehdi (Building Structures Specialization)

Al-Barrak, Mesk Mohammed Ali (Building Systems Specialization)

Allen, Nathan Dean

Al-Saad, Maryam Hadhal (Building Structures Specialization & Building Systems Specialization)

Amelink, Madeleine Corrie-Anne (Building Systems Specialization) *

Annab, Sydney Abigail (Building Structures Specialization & Building Systems Specialization) *

Ashraf, Nael (Building Structures Specialization & Building Systems Specialization)

Attalla, Daniel Basem (Building Structures Specialization & Building Systems Specialization)

Attalla, Veny Basem (Building Structures Specialization & Building Systems Specialization)

Awad, Marla (Building Structures Specialization) *

Baete, Caitlyn Kiara (Building Structures Specialization)

Bergen, Jack James (Building Structures Specialization) *

Bosma, Elise Danielle Carol (Building Structures Specialization) *

Burtenshaw, David Norman (Building Systems Specialization) *

Champion, Renée Maria (Building Systems Specialization) †

Chan, Johnson Chun Sang (Building Structures Specialization & Building Systems Specialization)

Chan, Kylie Wan Yue (Building Structures Specialization) *

Chen, Angela Anqi †

Chen, Qi Lin (Building Structures Specialization) *

Chen, Sitong (Building Systems Specialization) *

Chevallier, Chloé Marie †

Chin, Ambrose Hou-Kin (Building Structures Specialization) †

Chiu, Tori Mary (Building Structures Specialization)

Coito, Adam (Building Systems Specialization)

Damsteegt, Rebecca Joy †

Dar, Maham Ather (Building Systems Specialization) *

Dhaliwal, Guneet

Dirube Carcasson, Matias (Building Structures Specialization – Biology Minor) †

Donohue, Grace Urquhart (Building Structures Specialization) *

Duquette-Gregorio, Ethan Alexander

Eisner, Julia Dawn (Building Structures Specialization) *

El Shobokshy, Hania (Building Structures Specialization) *

Fairhall, Ashten Renee (Building Structures Specialization) *

Franklin, Carley Erin (Building Structures Specialization) *

Gandhi, Aidan (Building Systems Specialization)

Gnanendran, Kirthana

Guo, Hong Lin (Building Systems Specialization) *

He, Richard T (Building Structures Specialization & Building Systems Specialization) *

Ho, Kerwin Kai-Yuen (Building Structures Specialization & Building Systems Specialization) †

Houle, Matthew (Building Structures Specialization) *

Hu, Peilu (Artificial Intelligence Option & Computer Engineering Option) *

Hu, Ruoyan (Building Structures Specialization & Building Systems Specialization/Computing Option) *

Huang, Samantha Ying Yi (Building Systems Specialization)

Jacques, Cameron (Building Structures Specialization & Building Systems Specialization) *

Jarkowski, Robert Thomas (Building Structures Specialization & Building Systems Specialization)

Kashar, Tehreem (Building Structures Specialization) *

Khan, Urooj (Building Structures Specialization & Building Systems Specialization)

Khan, Vinum (Building Structures Specialization)

Kitor, Gabriella Christine (Building Structures Specialization) *

Koles, Emily Tatum (Building Structures Specialization) *

Kondratovits, Nicole Janet (Building Systems Specialization)

Koops, Adrienne Marie (Building Structures Specialization) †

Lai, Shu Rei (Building Structures Specialization) *

Lawrence, Cameron William (Building Structures Specialization & Building Systems Specialization) *

Leaper, Stephanie Nicole (Building Structures Specialization & Building Systems Specialization) *

Lee, Edward Keejung (Building Structures Specialization & Building Systems Specialization) *

Lee, Mason Elliot (Building Structures Specialization) †

Lei, Sarah (Building Structures Specialization & Building Systems Specialization) †

Lingaitis, Owen Samuel (Building Structures Specialization & Building Systems Specialization)

Liu, Shimiao (Building Systems Specialization) *

Liu, Yulin (Building Structures Specialization & Building Systems Specialization) *

Looije, Amanda Marie (Building Structures Specialization) †

Lui, Andrea Gayee (Building Systems Specialization) *

Mango, Sara Zuhdi (Building Systems Specialization)

Matthews, Lisa Ann (Building Structures Specialization)

Mekhael, Natalie Nader Nabil Nabih (Building Systems Specialization) †

Mirza, Ali (Building Structures Specialization & Building Systems Specialization) *

* – Distinction

† – Dean's Honours

Mohamed, Amal (Building Structures Specialization & Building Systems Specialization) *

Northrup, Grace Colleen (Building Structures Specialization) *

Omer, Sania (Building Systems Specialization)

Orellana, Emmanuel (Building Structures Specialization & Building Systems Specialization) *

Pablo, Valerie (Building Structures Specialization) †

Popiel-Hirdaramani, Sophie Amelia (Building Structures Specialization) *

Raitt, Keiara Judith *

Reimer, Thomas Peter (Building Systems Specialization)

Rust, Daniel Erich-Herbert *

Saif, Isfar Mohammed (Building Structures Specialization & Building Systems Specialization)

Salman, Omar (Building Structures Specialization & Building Systems Specialization) *

Shin, Gyuri (Building Structures Specialization & Building Systems Specialization) *

Shum, Sarah (Building Systems Specialization) †

So, Athena (Building Systems Specialization) *

Sookbirsingh, Jessa Hui Jiao (Building Structures Specialization & Building Systems Specialization) *

Stephenson, Thallia Helena Carol *

Stubinsky, Alexis Charlotte Anne (Building Systems Specialization)

Sun, Yu Rou (Building Structures Specialization & Building Systems Specialization) *

Waqar, Rehmeen

White, Emma Louise (Building Structures Specialization) †

Wiebe, Sara Miriam (Building Structures Specialization & Building Systems Specialization) †

Wong, Emily Elizabeth (Building Structures Specialization) *

Wu, Michelle S (Building Structures Specialization & Building Systems Specialization) †

Wu, Vivian (Building Systems Specialization) *

Yung, Joshua (Building Structures Specialization) *

Zhou, Vicky (Building Structures Specialization) *

CIVIL ENGINEERING

Abdelmalak, Baher (Structural Specialization) *

Abelardo, Nicholas (Structural Specialization & Transportation Specialization) †

Aide, Justin Tyler (Water Resources Specialization) *

Al Haj Ali, Alaa (Geotechnical Specialization & Structural Specialization) *

Al-Dallal, Subhi Raed (Structural Specialization)

Banijamaat, Aria (Structural Specialization)

Barath, Eddy Dane (Structural Specialization) *

Baskaran, Arunesh (Building Science Specialization)

Cai, Kevin Jielun

Cameron, Andrew Robert French (Geotechnical Specialization & Structural Specialization) *

Chan, Anson Chi Him (Transportation Specialization) *

Chen, Boyan (Geotechnical Specialization & Structural Specialization/Management Sciences Option) *

Chen, Jizhou (Structural Specialization)

Chen, Steve Yin Si Han (Transportation Specialization) *

Cho, Bryan Beomseok (Structural Specialization)

Cui, Alexander Yuming (Water Resources Specialization) †

Dadelahi, Hasan (Structural Specialization)

Dai, Jeffrey Jiahe (Transportation Specialization) *

Darwesh, Mikhail Asif (Building Science Specialization & Structural Specialization) *

Dey, Krishti (Transportation Specialization) *

Duan, Richard (Transportation Specialization)

Felli, Xavier Tristan (Structural Specialization) *

Gartner, Matthew (Structural Specialization) *

Gaston Jothyraj, Vivyen Vineeth (Water Resources Specialization) †

Gurajada, Akshar

Ha, Wonyong (Water Resources Specialization) †

Hantosh, Mohammed Ahmed (Structural Specialization) †

Hernandez, Jordan Anthony (Structural Specialization) †

Hinsperger, James Patrick (Structural Specialization) †

Ibrahim, Tariq Adeiza (Structural Specialization)

Innes, Daniel Lo (Geotechnical Specialization & Transportation Specialization) †

Jaishankar, Naveen Aynkaran (Structural Specialization)

Ju, Edward (Structural Specialization) *

Kabadayi, Berk (Structural Specialization)

Kachou, Andrew (Geotechnical Specialization & Structural Specialization) *

Karimi, Sayed Omar (Geotechnical Specialization & Structural Specialization)

Khalid, Saarah (Structural Specialization) †

Khan, Muhammad Shaheer Ali (Geotechnical Specialization & Structural Specialization)

Khan, Talha (Structural Specialization) *

Kim, Joshua Yoonsu (Structural Specialization)

Knott, Liam Joseph (Structural Specialization)

Kostin, Davis Joseph (Structural Specialization) *

Laboriante, Lemuel (Structural Specialization)

Lalla, Dimitri Keiron

Lave, Andrew Norman (Structural Specialization) *

Lazic, Mia (Geotechnical Specialization & Structural Specialization) *

Lewis, Dylan Craig (Structural Specialization) †

Li, Dayou

Li, Tiancheng *

Lin, Raymond (Transportation Specialization)

Ly, Johnson Gia (Transportation Specialization)

Mahadeo, Arti Pooja (Geotechnical Specialization & Structural Specialization) *

Marinescu, Luca George (Geotechnical Specialization & Structural Specialization) *

* – Distinction
† – Dean's Honours

Mathias, David Anthony Damian (Structural Specialization)

Mazaheri, Arshia (Water Resources Specialization) †

Mazhar, Rehan (Geotechnical Specialization & Structural Specialization) *

Mercier, Madison Sophia Edna (Transportation Specialization & Water Resources Specialization) †

Meyer, Ruth Anne Dora (Transportation Specialization & Water Resources Specialization) †

Musa, Justin (Transportation Specialization) *

Naeem, Muhammad Khizer *

Naqvi, Basim Haider (Structural Specialization)

Noufal, Amro Abdelraouf (Geotechnical Specialization & Structural Specialization) †

Nurse, Erik Hendrik

Ong, Kimberly Thien (Building Science Specialization & Water Resources Specialization) †

Peiravian, Sama (Structural Specialization) †

Plavsic, Dejan (Structural Specialization) *

Puccini, Isabella Adora (Geotechnical Specialization & Transportation Specialization) †

Rampersad, Sasha Taylor (Structural Specialization)

Randhawa, Avijit Singh (Geotechnical Specialization & Structural Specialization)

Rauf, Abeer (Structural Specialization) *

Rocha, Daniel Michael (Transportation Specialization) †

Roessler, Tyler Eric (Building Science Specialization & Structural Specialization) *

Rohan, Reagan (Geotechnical Specialization & Structural Specialization)

Rowe, Daniel John (Geotechnical Specialization & Structural Specialization) †

Sains, Mankirat Singh (Structural Specialization) †

Shamshiri, Kasra (Building Science Specialization)

Sharshara, Yazan Ayman (Geotechnical Specialization & Structural Specialization) †

Sheikh, Mohsin Asif (Structural Specialization) *

Siby Abraham, Shaun (Transportation Specialization)

Snyder, Mark Daniel (Structural Specialization) †

Srikantharajah, Mathunesh (Transportation Specialization) †

Strazzeri, Alessandro (Transportation Specialization & Water Resources Specialization) *

Suen, Valen Siu-Kwan (Transportation Specialization) †

Suhaib, Mughees (Structural Specialization)

Sun, Weiting (Structural Specialization) †

Teng, Qiu Ning (Building Science Specialization & Structural Specialization) *

Umer, Hafsa (Geotechnical Specialization & Structural Specialization) *

Varrecchia, Nicholas (Structural Specialization) †

Wagter, Casey Franklin (Geotechnical Specialization & Structural Specialization) *

Watson, Mark Ezz Azmi (Structural Specialization/Management Sciences Option) *

Welfare, Jacob Riley (Structural Specialization) *

Wijeweera, Prasith Viduvantha (Transportation Specialization) †

Williams, Sarah Joyce (Structural Specialization) †

Wu, Albert JiaJun

Yu, Tsz San (Transportation Specialization)

Zaffar, Arfeen (Structural Specialization) *

Zauq, Zarkam (Structural Specialization)

Zhang, Sarah Grace (Transportation Specialization) †

Zhang, Yuxin (Geotechnical Specialization & Structural Specialization) †

Zhang, Zehuan (Geotechnical Specialization)

Zhao, Alina †

Zhao, Hao Feng *

Zhao, Yao Hui (Building Science Specialization) †

Živković, Nikola (Transportation Specialization) *

ENVIRONMENTAL ENGINEERING

Al Damen, Omar (Energy Specialization)

Al-Bayati, Amir (Hydrology Specialization) *

An, Ruo Xuan *

Babra, Savreen †

Bootherstone, Alexa (Energy Specialization) *

Brulé, Marie Eliane

Carbone, Alyssa Nicole (Energy Specialization) †

Chan, Carina Victoria (Hydrology Specialization & Pollution Treatment and Control Specialization) †

Cotton, Violet Mae (Pollution Treatment and Control Specialization) *

Demarco, Therese Josephine Anne (Hydrology Specialization) *

DeRose, Alessia (Hydrology Specialization) *

He, Angela Yu Fan

Hergott, Lukas

Ho, Agnes Kawing †

Kennedy, Brynn Elizabeth (Energy Specialization) *

Khan, Mayurakhi Munjur (Energy Specialization) *

Kim, Terry Hyun (Pollution Treatment and Control Specialization) *

Kolev, Stefan Spasov (Hydrology Specialization) *

Kwan, Matthew (Hydrology Specialization)

Lee, Bryce *

Marsh, Connor William (Hydrology Specialization)

Martin, Melissa Leah *

Maziarz, Anastasia Rose (Pollution Treatment and Control Specialization) *

Melloul, Meredith Eveline

Milad, Alexander Remy (Pollution Treatment and Control Specialization) †

Mittal, Dhvani (Pollution Treatment and Control Specialization)

Mossey, Andrew David (Hydrology Specialization) *

Nicholson, Kellie Susan *

Pierroz-Wong, Laurel Meilan *

Quimpo, Carter Antonio (Hydrology Specialization) *

Quinton, Solina Ann

* – Distinction

† – Dean's Honours

Rao, Elise Angela †

Reiffenstein, Katherine Jane
(Pollution Treatment and Control
Specialization) *

Shahzadeh, Mohd Hamza Asem
(Energy Specialization)

Shi, Yuan

Sibanda, Thandekile Rejoice
(Hydrology Specialization) *

Smith, Sydney Charlotte (Energy
Specialization)

Stapleton, Mary McLeish
(Pollution Treatment and Control
Specialization) *

Sun, Leah Patricia (Pollution
Treatment and Control
Specialization) *

Thakar, Viraj Sameer (Energy
Specialization)

Tran, Sarah (Hydrology
Specialization & Pollution Treatment
and Control Specialization) *

Tumino, Jessica Veronica
(Environment, Resources and
Sustainability Minor) *

Van Der Gulik, Tia Lousie *

Wang, Yixuan *

Wei, Maya (Pollution Treatment and
Control Specialization)

Westinde, Paige Joyce †

Witte, Sarah (Hydrology
Specialization) †

Woo, Ethan Ying Long †

Wu, Sheila Chuyue Chuyue *

Yadgar, Hosna (Hydrology
Specialization)

Yu, Leslie Lai-Ying (Energy
Specialization) †

Zhu, Emily Huayu †

GEOLOGICAL ENGINEERING

Burnley, Clare Anne (Hydrogeology
Specialization) *

Damji, Safia *

Dow, Natalie Saige (Geology
Specialization)

Jeffery, Davis Kenneth Frederick
(Geology Specialization &
Hydrogeology Specialization) *

Jeon, Soo Young

Levesque, Dominique Sara
(Hydrogeology Specialization) *

Mazhar, William Najib †

Robertson, Caroline Elizabeth
(Hydrogeology Specialization) †

Towaij, Abby Elise †

Ur Rehman, Muhammad Muiz
(Mechatronics Option)

MANAGEMENT ENGINEERING

Abadeer, Youssef (Computing
Option) *

Abuosba, Saif-Aldeen (Computing
Option) *

Al Aghbar, Rama Moh'd Rajeh
(Computing Option) *

Abdel Karim

Alvarez, Mateo (Computing Option) *

Amalan, Sruthi *

Anjum, Aamina (Computing Option) *

Areng, Sunith Francis (Computing
Option) †

Atwa, Omar Yasser

Bhamjee, Anyka Zara *

Bhanji, Amaal Adim Nazmudin
(Computing Option) *

Bhatasana, Jay Devendra
(Computing Option) *

Bhatti, Saleh Saeed (Computing
Option) *

Bisek, Nadia (Computing Option) *

Carrier, Danick (Computing Option) †

Chan, Matthew Troy (Computing
Option) †

Chen, Yu Wen Di

Cheung, Andrew

Choi, Chloe Kwan Yin (Computing
Option) †

Chow, Dylan Andrew (Computing
Option) *

Chowdhury, Akib Arman (Computing
Option) *

Chowdhury, Safwaan Hannan
(Computing Option) †

Du, Justin Jiajin

Erxleben, Matthew James (Artificial
Intelligence Option)

Fernandes, Keegan (Computing
Option) *

Fyfe, Anna Grace Elizabeth
(Computing Option) *

Garlapati, Anuj *

Grewal, Ashvin Singh (Computing
Option) *

Grewal, Liveesh Singh (Computing
Option)

Hassan, Tahsin (Computing Option) *

Hiebert, Donovan Arthur (Computing
Option) *

Ho, Edward (Computing Option) *

Horbik, Maximilian †

Hrabi, Calum McLean (Computing
Option) *

Hu, Ryan Jacob (Computing Option)

Huq, Syed Nafis

Ibach, Carter William (Computing
Option) †

Ifram, Adnan Farhan (Computing
Option) *

Iqbal, Areebah (Computing Option) *

Iyengar, Vyomesh (Computing
Option) *

Jacob, Inesh Jadon (Artificial
Intelligence Option & Computing
Option) *

Kachura, John Robert (Computing
Option) *

Kaloti, Devansh (Computing Option) *

Kamath, Omkaar Mukund
(Computing Option) *

Khan, Md Fuad Ahmed (Computing
Option) *

Khan, Soha (Computing Option) *

Kim, Vithyea *

Kleinknecht, Thomas Hugh
(Computing Option) †

Kooij, Gwyneth Élise (Computing
Option) *

Larocque, André Kartic (Computing
Option) *

Le, Nguyen Minh Khoi *

Luo, Benjamin Jingwen (Artificial
Intelligence Option & Software
Engineering Option) †

Miah, Alen *

Morrison, Fraser Harmen Luc
(Computing Option) *

Munshi, Stuti (Computing Option) *

Nirmalan, Theveenan Aaron
(Computing Option) *

Pang, Serena (Computing Option) †

Parmar, Yashvi (Computing Option) *

Patel, Vedangi *

Pazoki Toroudi, Adel (Computing
Option) *

Pipilas, Athanasios Nathan
(Computing Option) †

Pokra, Yash *

Porter, Jackson William James
(Computing Option) *

Premji, Aniq (Computing Option) †

Rai, Dilraj Singh (Computing Option)

Rajesh, Kishoresanjay *

Ranjagunathas, Kavithan
(Computing Option)

Sakkab, Joseph Yacoub *

Sangha, Jagnoor Singh (Artificial
Intelligence Option) *

Sayed, Suhayl (Artificial Intelligence
Option) †

* – Distinction

† – Dean's Honours

Schott, Haley *
Sellner, Owen John (Computing Option) *
Selvakamalan, Sajeen Justin (Computing Option) *
Shah, Esha (Computing Option) †
Sheng, Michael Jia (Computing Option) *
Shortt, Alexandra Cristina (Computing Option) *
Siddiqui, Ammar Iqbal (Computing Option)
Sondhi, Abhinav (Computing Option) *
Suresh, Swetaa (Computing Option) *
Tamanna, Rifa *
Tang, Gabrielle Kayla (Computing Option) †
Thalayasingam, Bhairavi (Computing Option) *
Thapa, Sunischit (Computing Option) *
Theevannan, Yaathavi (Computing Option) *
Thobani, Tiana Shah *
Tiscareno, Carlos Rodrigo (Computing Option & Artificial Intelligence Option) *
Troper, Larissa Miata (Computing Option) †
Ved, Aryan (Computing Option) *
Visagan, Saisanjenah (Computing Option) *
Walia, Yuvraj
Walker, Tristan Alexander Santoso (Computing Option) *
Wang, Xindi (Statistics Option) *
Yoshida, Lauren (Entrepreneurship Option) *
Zammit, Zachary Nicholas Victor Alfred †
Zhang, Eric (Computing Option) *
Zhang, Free Guang (Computing Option)
Zhang, Yi Nan (Computing Option) †

**BACHELOR OF
ARCHITECTURAL STUDIES**

HONOURS PROGRAM

Acosta, Dulce Tamara Grace Sison *
Becks-D’Souza, Noah Leandros *
Bolourchi, Pooneh
Gonzales, Emilio David Cortez *
Katyal, Kenishaa
Lam, Matthew King Yin *
Liu, Tianqi *
Lukić, Ksenija *

Moulson, Kaitlyn
Richard, Julia Sophie *
Subramaniam, Priscilla *
Suthaharan, Arthi

DIPLOMA IN SUSTAINABILITY

Aide, Justin Tyler
Ong, Kimberly Thien
Teng, Qiu Ning
Umer, Hafsa

* – Distinction
† – Dean’s Honours

Outstanding achievements

MEDALS AND AWARDS

UNIVERSITY FINALIST FOR THE GOVERNOR GENERAL'S GOLD MEDAL

Doctoral
Aravind Ravi

GOVERNOR GENERAL'S ACADEMIC SILVER MEDAL

**Highest standing in an
undergraduate degree program**
Adam Franklin Huras

THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL

Outstanding academic achievement
Aryan Kalia

ONTARIO PROFESSIONAL ENGINEERS FOUNDATION FOR EDUCATION GOLD MEDAL

Ruth Anne Dora Meyer

PEARL SULLIVAN EMERGING GLOBAL LEADERS AWARD

Jocelyne Murphy

ROY DUXBURY LEADERSHIP AWARD

Khadija Abdi

THE ALBERT SHERWOOD BARBER MEDAL

Ruth Anne Dora Meyer

THE JOHN FISHER AWARD FOR LEADERSHIP

Jocelyne Murphy

THE SANDFORD FLEMING FOUNDATION MEDALS

Academic excellence

Bassel Al Omari
Shawn Adam Benedict
Carina Victoria Chan
Susan Chen
Jason Gao
Kaveet Singh Grewal
Lucy He
James Patrick Hinsperger
Qi Zhi Hu
Adam Franklin Huras
James Michael Kampen
William Najib Mazhar
Brendan Thomas Ng
Nicolas Pamar
Aniq Premjii
Sara Miriam Wiebe
Raymond Rui Ming Wu
Evan Dezhi Zhang

Co-operative work term proficiency

Nicholas Huie Barton
Evan James Dodd
Cole Martin Fredericks
Michael John Frew
David Reid Hardy
Sien Kin Julien Hau Fai Tseung
Jiashuai Huang
Cedric Jean-Charles
Aryan Kalia
Dominique Sara Levesque
Jorge Andres Marcano
Natalie Nader Nabil Nabih Mekhael
Wyatt Douglas Sullivan
Gabrielle Kayla Tang
Kathy ZiYuan Tang
Srihari Vishnu
Paige Joyce Westeinde

Waterloo brings home the gold

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

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

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



GO INSIDE THE LAB AT
uwaterloo.ca/alumni/alumni-gold-medals

**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

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

PROFESSIONAL DOCTORATE

 Doctor of Optometry	 Doctor of Pharmacy
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MASTER'S

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

DOCTORAL

 Doctor of Philosophy

HONORARY DOCTORATE

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



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