

Graduation Ceremony

Faculty of Engineering

Tuesday 2 December 2025, 2:30 pm Sir John Clancy Auditorium



UNSW Sydney is a world-leading university, driven by our mission to advance Progress for All globally, through transformative education, innovative research and meaningful engagement with people, communities and partners in Australia and around the world.

At UNSW, we are committed to our founding purpose and enduring responsibility to apply our talents, resources and renown for the greatest societal benefit.

We continue to drive innovative research that has relevance and impact, and to deliver world-class teaching that equips graduates with knowledge, experience and skills that lead to fulfilling careers and lives underpinned by a desire to make a difference.

Our University community demonstrates the immense potential of education, teaching, research and shared purpose to effect positive change locally and globally.

We would like to Acknowledge the Bedegal (Kensington campus), Gadigal (City and College of Fine Arts Campuses) and Ngunnawal people (Australian Defence Force Academy in Canberra) who are the traditional custodians of the lands where each campus of the University is located.





A message from the Chancellor

In life there are some important milestones that must be celebrated, cherished and remembered. In graduating from UNSW Sydney you are achieving one of these.

A graduation is not just a formality. It is an acknowledgement of the significant commitment you have shown to academic excellence and should be a course of great pride to you, now and for many years to come.

Education is one of life's great gifts. And whether you are the teacher or student, the rewards are just as profound. We feel privileged to have had you in our student cohort over recent years and encourage you to stay involved with the University by joining UNSW Alumni. This will allow us to follow your achievements and successes closely. Such is the scope of this network that wherever you go in this world, you are unlikely to be far from another graduate of this fine institution.

I hope you have enjoyed your time at UNSW and made the most of the opportunities available to you.

Congratulations and good luck.

David M Gonski AC

Chancellor



A message from the Vice-Chancellor and President

Congratulations on your graduation from UNSW Sydney. This is a wonderful achievement that reflects your effort, dedication and academic accomplishment while you have studied with us.

Today marks an important beginning. You have graduated from one of the world's top universities, taking your place among our outstanding alumni who represent UNSW across Australia and across the world.

For many years, the quality of our graduates working in a wide range of professions on every continent has helped build our reputation as a leading research and teaching university. Most importantly, our alumni carry the UNSW mission to advance Progress for All. You are now part of that esteemed group.

It is my privilege, as a fellow graduate of UNSW, to welcome you to our alumni community and to wish you well in every aspect of your life and career.

I hope that you will stay in touch with UNSW and always cherish the time you spent studying with us.

Professor Attila Brungs

Vice-Chancellor and President

Australian National Anthem

Advance Australia Fair

Australians all let us rejoice
For we are one and free
We've golden soil and wealth for toil
Our home is girt by sea.

Our land abounds in nature's gifts
Of beauty rich and rare
In history's page, let every stage
Advance Australia Fair.

In joyful strains then let us sing Advance Australia Fair.

Order of proceedings

Sir John Clancy Auditorium Tuesday 2 December 2025, 2:30 pm Faculty of Engineering

Academic Procession

The Academic Procession proceeds to the dais, the Assembly standing. The University Mace is carried by Emeritus Professor Christopher Adam, BEc(Hons) *UWA*, MA PhD *Harvard*, FRSN.

National Anthem

Advance Australia Fair

Welcome

Pro-Chancellor, Emeritus Professor Maria Skyllas-Kazacos AM, BSc(Hons) PhD *UNSW*, FTSE, FRACI, FIEAust.

Admission to Awards

Professor Rita Henderson, MChem *Edinburgh*, GradCertULT *UNSW*, MSc PhD *Cranfield*, Deputy Dean (Societal Impact and Translation) of the Faculty of Engineering requests the Pro-Chancellor, on behalf of the University Council, to admit candidates to awards.

Occasional Address

Ian Phillipps, BE(Hons) *UNSW*, Director and General Manager, Photon Energy Group.

Concluding Remarks

Professor Rita Henderson, MChem *Edinburgh*, GradCertULT *UNSW*, MSc PhD *Cranfield*, Deputy Dean (Societal Impact and Translation) of the Faculty of Engineering.

Following the Concluding Remarks, the Assembly will stand while the Academic Procession retires.

Faculty of Engineering

The candidates will be presented by Darren Isenberg, Announcer

BACHELOR OF ENGINEERING (HONOURS) BE(Hons)

Civil Engineering with Architecture Zijian Cai Dylan Ho Jong Gavin Run Zuo Xu Hongchao Xu

Honours Class 2 Division 1 David K Anand Andy Lech

Chemical Engineering
Honours Class 2 Division 2
Riley Anthony Edwards
Aarushi Nambissan
Fahad Rahman

Honours Class 1 Yueyang Du

Chemical Product Engineering
Honours Class 2 Division 1
Tadhg Edward Chretien
Huu Lan Huynh
Megan Naomi Stanley Ryder
Eliza Margaret Steven

Honours Class 1 Abdelrahman Abdelkarim Hussein Ibrahim ElAtawna

Civil Engineering Shanaya Shavinki Abeywickrama Ubesiri M G Anik Ali Abigail Cellina Chayadi Trevor Zi Ming Chen Ximeng Chen Fi Shwe 7in Andreas Gunawan Qihang He Renjie Huang Samuel Kim Johnlouis Landskron Ming Chen Li Yuxi Li Thao Mi Liu Arvin Yadhava Niranjan Christian Angelico Obmasca Shangersuthan Rajakumar Masatomo Saito Brinda Satyadasan Leon Shinkai Danialla Jade Tomkins Naipeng Wang Wenjie Xu Wesley Yu Zaw Thet Myo

Honours Class 2 Division 2

Kanwar Partap Singh Bedi

Russell Ferdinandus

Ali M Hasan

Grace Da Jung Hong

Hugo Star Seberry Hourigan

Swetha Joseph

Andrew Jessie Lawler

Isabella Li

Andrew Listiohadi

Ryan Liu

Cameron Andrew Alex McGlynn

Ariyaputta Mangala Ongko

William Khoi Pham

Haoyu Wang

Ching Wai Wong

Lachlan Linhan Wu

Honours Class 2 Division 1

Yousif Elia

Emily Rose Hankins

Winnie Wenni Xu

Honours Class 1

Amadeus Gracius

Seena Malak Nok Yin Wong

Environmental Engineering Honours Class 2 Division 2

Sadia Khaja

Honours Class 2 Division 1

Sarina Ulrich

Honours Class 1

Edward Cameron Sutherland

Industrial Chemistry

Max Zhi Pei

Mechanical Engineering Honours Class 2 Division 2

Chelsea Baek

Surveying

William Robert-Bruce Andrews

Kobi Sharp

Honours Class 2 Division 2

Luke Robert Mudge

BACHELOR OF ENGINEERING (HONOURS)

Civil Engineering

Honours Class 2 Division 2

BACHELOR OF ENGINEERING SCIENCE

BE(Hons) BEngSc

Sanmugi Sivakumar

BACHELOR OF ENGINEERING (HONOURS)

Civil Engineering

Honours Class 2 Division 2

BACHELOR OF ARTS BE(Hons) BA

Distinction

Emma Victoria Pearce

BACHELOR OF ENGINEERING (HONOURS)

Chemical Engineering Honours Class 2 Division 1

BACHELOR OF COMMERCE BE(Hons) BCom

Chi Kit Linus Hui

Civil Engineering
Lachlan Thomas Baker
Anthony Chau
Aref Hafza

Honours Class 2 Division 2 Christian Kasadelis Marcus Ka Ho Koon

Honours Class 2 Division 1 Jonathan Karagiannis Samuel Si Yuan Xu

BACHELOR OF ENGINEERING (HONOURS)

Civil Engineering Honours Class 2 Division 2

BACHELOR OF COMMERCE BE(Hons) BCom

DistinctionHarnoor Kaur
Tim Wu

Honours Class 2 Division 1 Meiyi Huang Honours Class 1 Millicent Rose Hulst Suzanna Islam

BACHELOR OF ENGINEERING (HONOURS)

Civil Engineering

BACHELOR OF SCIENCE BE(Hons) BSc

Jackie Liang Eamonn Orgill McInerney-Robertson

Honours Class 2 Division 1
David Hoang Duy Nguyen

Chemical Product Engineering Honours Class 2 Division 2 Kiara Isobel Worrall

BACHELOR OF ENGINEERING (HONOURS)

Chemical Engineering Honours Class 1

BACHELOR OF SCIENCE BE(Hons) BSc

DistinctionJunias Regina Tjanaria

BACHELOR OF ENGINEERING (HONOURS)

Civil Engineering

BACHELOR OF SURVEYING BE(Hons) BSurv

Richard Fred Makhoul

Honours Class 2 Division 1 Andrew John Newton

BACHELOR OF ENGINEERING SCIENCE BEngSc

Poomrapee Thitinun

BACHELOR OF SCIENCE BSc

Computer Science
Jack Stuart Braga

BACHELOR OF SCIENCE (HONOURS) BSc(Hons)

Food Science and Technology Honours Class 2 Division 2 Sarah Anne Armstrong

Honours Class 2 Division 1 Hilary Chap

Honours Class 1
Claire Maria Whittles

Food Science and Nutrition Honours Class 1 and The University Medal Jiarui Yang

GRADUATE DIPLOMA IN ENGINEERING SCIENCE GradDipEngSc

Joanne Akep Siran Lagan

BACHELOR OF ENGINEERING (HONOURS)

Chemical Engineering Honours Class 2 Division 2

MASTER OF BIOMEDICAL ENGINEERING BE(Hons) MBiomedE

Gary Kong Liam Connor Stewart

Honours Class 2 Division 1 Willson Blesstian

Mechanical Engineering Mohammed Muzzammil Raza

Honours Class 2 Division 2 My Dung Michelle Nguyen

Honours Class 1 Alexandra Wu

Mechatronic Engineering Andrew Thanh Pham

Honours Class 2 Division 2 Daniel Peter Glinatsis Will Mackarell Kablau Jazmin Martinez Erin Wai Yan Shee

Honours Class 1 Akira Scott McPhee

BACHELOR OF ENGINEERING (HONOURS)

Mechanical Engineering Honours Class 2 Division 1

MASTER OF BIOMEDICAL ENGINEERING BE(Hons) MBiomedE

ExcellenceJoanne Zreika

MASTER OF BIOMEDICAL ENGINEERING MBiomedE

Behrokh Basirat Pour Christopher The Kiet Hoang

Excellence Naveen Tharmalingam

MASTER OF ENGINEERING ME

Biomedical Engineering Kevin Lam Hoang Pham

Civil Engineering

Taketo Abe
Debora Evlin
Shixu Li
Xianrong Li
Yusong Liang
Susan Njeri Mundati
Kobkun Nundee
Jinglin Tang
Xiao Xiao
Yuejia Yan

Excellence

Yiqiu Gong Saleh Mohammad Tausif Evgenii Ternov Jiayi Zhang

Environmental Engineering

Nayila Nazar Kesavath Zhihao Mai Kaushik Arun Samak Mengchen Shi

Excellence

Kulthida Wongkamthong

MASTER OF ENGINEERING SCIENCE MEngSc

Biomedical Engineering

Xiaoting Ruan Yumeng Wang

Chemical Engineering

Xinran Gao Zhuowen Liu Yang Ming

Excellence

Zhan Huang David Hamish Kenneth Watt

Civil Engineering

Kristina Cabraja Qingji Chi Siqi He Keng Hong U Haoting Yang Hein Htet Zaw Yanhao Zhang Xingchen Zhou

Excellence

Yung Yung So

Environmental Engineering

Qiaochang Liu Yangzhi Liu Fangke Lu Zhigian Xu Food Process Engineering

Sinchana Srinivas Kumar Yuxin Yang Jiajun Yu

Geotechnical Engineering and Engineering Geology

Pradyun Hazarika

Excellence

Gregory James Carson Fazzone Christian Tirtawardhana

Project Management

Qi Gao Anchen He Yuechen Liu Vikram Rengaraj Haobing Shi Haobin Zhang Kaiqi Zhang

Excellence

Sudhanshu Kulkarni Ka Lok Edward Lai

Structural Engineering

Robert Piotr Dydusiak

Excellence

Chun Ho Ho Nicholas Liu **Transport Engineering**

Abhishek Sanjeev Gavande Angela Kariza Campos Ines Manthan Nitinkumar Shah

Water Engineering: Catchments

to Coasts Amna Arif

MASTER OF ENGINEERING SCIENCE

Geotechnical Engineering and Engineering Geology

MASTER OF COMMERCE MEngSc MCom

Chi Sum Lai

MASTER OF SCIENCE MSc.

Food Science and Technology

Gnanasree Boppana Shu Chen Eunchae Cho Tushar Vasist

Excellence

Que Trinh Tran

MASTER OF ENGINEERING RESEARCH MEngRes

Kesewa Opoku Agyemang

MASTER OF INDUSTRIAL RESEARCH MIndustRes

Ronan Patrick John Kearney

Faculty of Engineering

The candidates will be presented by Professor Rita Henderson, Deputy Dean (Societal Impact and Translation) of the Faculty of Engineering

DOCTOR OF PHILOSOPHY PhD

Biomedical Engineering Laurence Antony Boss

Thesis: Advancing the Assessment and Encouragement of Myocardial Recovery in LVAD Patients

Lyndall Gai Cook

Thesis: Modifications to child restraints for children with disability: A safety-focused investigation for motor vehicle travel

Yuan Tian

Thesis: Autofluorescence-Based Non-Invasive Cell Diagnostics Chemical Engineering Mahrouz Alvand

Thesis: Low-concentration urea oxidation for wastewater treatment applications

Angelina

Thesis: Advanced algal oxidation using plasma bubbles: Insight into how algal cell characteristics, discharge gas properties, and solution properties influence oxidation mechanisms

Anh Phong Dang

Thesis: Polymer-Surfactant Complexation and the Design of Future Green Personal Care Products

Qingqing Fan

Thesis: Nanotechnology innovations for neurodegenerative disease biomarker detection and nitric oxide therapeutics

Ming Jiang Gan

Thesis: Modelling the Coinjection of Hydrogen and Biomass in Blast Furnaces for Sustainable Ironmaking

Shu Geng

Thesis: Selenium-based nanomaterials for therapeutic gas nitric oxide (NO) delivery via catalytic approach

Haira Gabriela Hackbarth

Thesis: Tailorable Ceramic Nanocomposites through Modular Polymer Chemistry

Yousof Haghshenas

Thesis: Integrating structure, property, and activity in a machine learning framework

towards accelerated solar photocatalyst discovery

Farah Haque

Thesis: Self-Assembled
Supramolecular Nanoparticles
via Hydrogen Bonding
of Triazine-Based Block
Copolymers: Particle Morphology
Control and Film Formation

Jhair Andres Pena Prada

Thesis: Catalytic Mechanism of Zirconium Metal-Organic Frameworks for the Selective Capture and Degradation of Organophosphates

Keivan Rahimi

Thesis: Using simple metal oxides to treat organic contaminants in water

Zeyu Shao

Thesis: Development of Novel Polymeric Prodrugs for Antimicrobial Applications

Theatin Lara Michelle van Leeuwen

Thesis: Polymeric particles for therapeutic delivery

Civil and Environmental Engineering Marilyn Fae Braine

Thesis: A National Risk Management Framework for Biosolids

Joseph Lembit Gordon Cairns

Thesis: Ecohydrological insights for conserving Australia's temperate upland swamps.

Stefano Conti

Thesis: Quantifying the impact of internal sand moisture dynamics on dune erosion by waves

Aditya Nitin Deshmukh

Thesis: Wave Climate Projections along the Southeast Australian Coastline using Regional Climate Models

Sara Fazeli

Thesis: Measuring and improving individual preparedness in response to flood and bushfire emergencies

Maximiliano Ruben Ferrer Ferrer

Thesis: Kinetics and mechanism of copper-mediated Fenton processes in natural and engineered systems

Mahnoush Gharehdaghi

Thesis: Analytical and numerical modelling of consolidation and strain localisation in unsaturated soils

Nioushasadat Haji Seyed Javadi

Thesis: The application of waste plastics in bitumen modification

Ahmad Jafari

Thesis: Numerical Modelling of Hydro-Mechanical Coupling Processes in Fractured Porous Media

Arturo Jimenez Huamanlazo

Thesis: CPT Results in and Liquefaction of Variably Saturated Tailings Evan Robert Landers

Thesis: Development of Bioremediation Strategies at an Organohalide Impacted Site

Esta Qiu

Thesis: Multi-period bus frequency optimisation based on Equity over Time

Lisha Liu

Thesis: Influence of US EPA Flux Chamber Configurations on Emission Measurement from Porous Media Yi Ren

Thesis: Bacterial interactions with organohalogens

Mohammadreza Mohammadian

Thesis: Development of a GPU-AcceleratedComputing Framework for Large-ScaleElastodynamics Simulation UsingScaled Boundary Finite ElementMethod (SBFEM)

Sana Shahoveisi

Thesis: A fully coupled hydromechanical model for the analysis of fractured porous media

Milad Mousavi

Thesis: Evolving and Proactive Risk Modelling in Underground Working

Environments

Jason Wang

Thesis: Computable General Equilibrium Models for Large Scale Transport Infrastructure Assessment

Zahra Nourmohammadi

Thesis: Preference Learning and Human-Centric Optimization for Last-Mile Delivery Routing Wen Xi

Thesis: Multiphase Flow in Coal: Insights from Multiscale Experiments and Multimodal Imaging Yifan Zhan

Thesis: Integration of Geometric Modelling with Scaled Boundary Finite Element Analysis

Electrical Engineering Aryan Sharma

Thesis: Methods for the Protection of IoT Users from Wireless Signal Based Attacks Food Science and Technology Apeksha Goswami

Thesis: Advanced tissue culture techniques for sustainable food applications

Hoi Ka Ng

Thesis: A Novel Di-Phenolic-Cashew Allergen Conjugate: Immunological to Molecular Investigation



UNSW Alumni

Progress never ends

UNSW Sydney has always been a springboard for progress. We've spent 75 years driving progress through learning, teaching and research, all to leave our world a little better than we found it. The sharpest minds exploring the bravest ideas.

Every step you'll take after graduating from UNSW will stride towards progress. No matter what path your career journey will take, we're proud to have played a part in it.

Our greatest achievements – breakthroughs in renewable energy, medical technologies and global equity initiatives – are the result of the work you will do in your communities every day. You have aspired to excellence and taken setbacks on the chin. Future generations of students will fill the same classrooms you did, face new challenges, inspired by the legacy you helped create.

As a UNSW graduate, you'll always have a place in a lifelong network of changemakers. Your uni days may be behind you, but our door is always open. Because there's always more to learn, there's always room to grow and there's always more progress to make.

Contact us

We're always keen to hear from you so stay in touch via social media or email.

Website: unsw.edu.au/alumni

Facebook: facebook.com/unswalumni

LinkedIn: UNSW Alumni group

Email: alumni@unsw.edu.au

Heraldic Description of the Arms



Arms of the University of New South Wales Granted by the College of Heralds, London 3 March 1952.

In 1994 the University Title was added to the Arms to create the University Symbol.

Heraldic Description of Arms

Argent on a Cross Gules a Lion passant guardant between four Mullets of eight points Or a Chief Sable charged with an open Book proper thereon the word SCIENTIA in lettersalso Sable.

The lion and the four stars of the Southern Cross on the Cross of St George have reference to the State of New South Wales which brought the University into being; the open book with SCIENTIA across its page reminds us of its original purpose. Beneath the shield is the motto "Corde Manu et Mente", which builds on the motto of the Sydney Technical College, from which the University has developed. Adding "Corde" or "heart" to the original "Knowledge by Hand and Mind" motto is a representation of UNSW's diversity of thought, social impact, and inclusion, and our community and connections.



The University Mace

The Mace is a symbol of the dignity and authority of the University. Originally it was a weapon capable of breaking through the strongest armour, and, according to the Encyclopedia Brittanica, was carried in battle by mediaeval bishops so as to conform to the canonical rule that forbade priests to shed blood. Later, maces began to have a ceremonial function, though they were still intended to provide protection, usually to the king's person, and were carried by sergeants-at-arms. The University's Mace is of simple form, constructed of stainless steel and embellished with silver. The Head, of sixteen satin-finished stainless steel ribs, is surmounted with a silver waratah, the floral emblem of the State of New South Wales, and in its horizontal bar are mounted four silver shields, two engraved with the arms of the State. The inner core has a scarlet velvet lining. The shaft is of eumung, a New South Wales timber, dark in colour, and teminates in a stainless steel tail.

The Mace was presented to the University on 6 December 1962 by the Broken Hill Proprietary Company Ltd.

The History and Significance of Academic Dress

The history of academic dress reaches far back into the early days of the oldest universities. A statute of 1321 required that all 'Doctors, Licentiates, and Bachelors' of the University of Coimbra wear gowns. It is still a vexed question whether academic dress finds its sources chiefly in ecclesiastical or in civilian dress. Gowns may have been counted necessary for warmth in the unheated buildings frequented by mediaeval scholars, and the hood currently in use is the remnant of a garment, also a device against the cold, which could be pulled up over the head and kept in position with the tail wound around the throat. The type of academic headgear most commonly worn by graduates today is the mortar-board cap, also called the trencher cap, which dates back to the seventeenth century. It is also the custom of many universities for Doctors to be allowed to wear a distinctive type of headgear, either a round velvet bonnet, or a black velvet mortarboard, with the full dress gown.

As universities developed throughout the Commonwealth countries they mostly prescribed academic costume based on that established for the members of Oxford and Cambridge Universities, where the Chancellor and often other senior members wear a distinctive official gown and hat. Graduates are identified by the wearing of a gown and hood specifically prescribed for each degree and undergraduate students wear a distinctive gown and hat.

Notwithstanding the importance of the Oxford and Cambridge tradition of the gown and cap, it is the wearing of a hood by the graduate to indicate their degree which is the principal feature of the academic costume code.

The tradition of wearing academic dress continues in universities around the world and it is customary on ceremonial occasions, such as the Graduation Ceremony today, that the distinctive official costume of each person concerned be worn.



Academic Dress

Academic dress of UNSW Sydney is available for purchase or hire from UNSW Arc's The Grad Shop.

University Medal

The University Medal is a recognition by the University of outstanding academic achievement at the undergraduate level. The bronze medal carries on its face an engraving of the Arms of the University and on the reverse, within a wreath of laurels, is engraved the name of the recipient.

Abbreviations of Degrees

The correct abbreviations of the awards conferred at today's ceremony are listed in the program. The abbreviation follows the name of the graduate and precedes the abbreviation of The University of New South Wales which is UNSW Sydney or UNSW.

Contact Information

Sir John Clancy Auditorium

Announcer

Darren Isenberg

Organist

Gerard Horsfall, BE BA *UNSW* – Organist and Director of Music, St Peter's Church, Surry Hills

Titus Grenyer, BMus *USyd*, Director of Music at St John's Uniting Church, Wahroonga

Kurt Ison, BMus GradDipMusPerf *USyd*, LTCL, AMusA, Organist and Director of Music, Mary Immaculate Friary Church, Waverley

Contact Information

UNSW Graduations Team

graduations@unsw.edu.au www.unsw.edu.au/student/student-life/ graduation

Graduation Services

UNSW ARC THE GRAD SHOP

Morven Brown Building Lower Ground Floor Tel: +61 2 9065 0932

Email: thegradshop@arc.unsw.edu.au
Academic dress, memorabilia

SILVER ROSE PHOTOGRAPHY

Tel: +61 7 3262 5788

 $Email: \underline{graduations@silverrose.com.au}$

Web: <u>silverrose.com.au</u> Portrait photography

AMBASSADOR PRODUCTIONS

Tel: +64 416 111 226 or +61 416 111 226

Email: enquiries@ambassador.com.au

Web: <u>ambassador.com.au</u>
Stage photograph, plaques, DVD

JACKSON FRAMES

Tel: +61 2 9999 1805

Email: frames@jacksonframes.com.au

Web: jacksonframes.com.au

Testamur framing



