



*An Coláiste Ollscoile, Baile Átha Cliath*  
*University College Dublin*



*Searmanas Bronnta*  
*Conferring Ceremony*

*3 December 2025*  
*11 am*





# *University College Dublin*



University College Dublin (UCD) is one of Europe's leading research-intensive universities where undergraduate education, graduate masters and PhD training, research, innovation and community engagement form a dynamic continuum of activity.

The University was established in 1854 by St John Henry Newman, whose classic work 'The Idea of a University' is one of the most enduring texts on the value of higher education. His vision, 'True enlargement of mind', embodies the aspiration to provide a holistic experience and inspiring environment beyond the classroom. It is a rallying call for the University and its community to unleash the unique potential of the individual to meet global challenges and "to benefit the wider world".

Today UCD is Ireland's largest university with over 39,000 students. Irish school-leavers benefit from the highly innovative and flexible UCD Horizons undergraduate curriculum. As Ireland's leader in graduate education UCD has almost 12,000 graduate students.

In Ireland, UCD is home to over 11,000 international students and delivers programmes to over 5,000 students on overseas campuses. In addition, the University places great emphasis on the internationalisation of the Irish student experience – preparing all UCD students for future employment and life that crosses borders, boundaries, and cultures.

Originally known as the Catholic University of Ireland, the University became UCD in 1908 and is a constituent college of the National University of Ireland (NUI). In 1997, UCD became an autonomous university within the loose federal structure of the NUI, and UCD students are awarded degrees from the National University of Ireland.

UCD has been a major contributor to the making of modern Ireland. Many UCD students and staff participated in the struggle for Irish independence and the University has produced four Irish Presidents and five Taoisigh. Among UCD's well-known alumni are authors (Maeve Binchy, Roddy Doyle, Emma Donoghue, Flann O'Brien), former European Commissioner (Peter Sutherland SC), directors (Neil Jordan, Jim Sheridan) and sports stars (Brian O'Driscoll, Kevin Moran, Rena Buckley and Paul O'Donovan). Perhaps the best known of all is the writer James Joyce, who completed his Bachelor of Arts at the University in 1902.

## *UCD Alumni Relations*

As you start your journey as a UCD alumnus/alumna, we encourage you to stay connected. Our Alumni Relations team runs a full programme of events and reunions, in Ireland and overseas, offering networking and other opportunities for you to keep in touch – with each other and with the University. Additional services include a Reader's Card for UCD's libraries, some sports and adult education discounts, affinity products and a range of other services.

UCD alumni continue to make their mark in every aspect of life and today's graduates will be no different. Stay in touch and let us know how you are getting on.

[Get Connected/Stay Connected](#)



# Order of Proceedings

Procession of graduands
Procession of academic staff followed by Deans, Vice-Presidents and President
The President declares open a Meeting of the University for the purpose of conferring degrees
The Dean requests the graduands for each degree to stand
The Principal presents the graduands to the President in Latin
The President admits the graduands to the degree in Latin
The Dean calls the names of the graduates who proceed to the platform
The President presents the degree scroll to each graduate
Formal graduation address
Academic procession followed by procession of graduates

## Formula of Presentation of Graduands

### Latin

Praehonorabilis Praeses, totaque  
Universitas.

Praesento vobis hasce meas filias  
filiosque meos, quos omnes scio  
tam moribus quam doctrina habiles  
et idoneos esse qui admittantur ad  
Gradum \_\_\_\_\_; idque tibi fide  
mea testor ac spondeo, totique  
Academiae.

### English Translation

Right honourable President and  
Members of the University.

I present to you these students whom  
I know to be as upright in character  
as they are skilled in their field of  
study and qualified for admission to  
the Degree of \_\_\_\_\_; and in good  
faith I vouch for this and hold myself  
responsible to you and to the whole  
academic assembly.

## Formula of admission by the President

### Latin

Auctoritate mihi concessa, admitto  
vos ad Gradum \_\_\_\_\_.

### English Translation

By the authority vested in me, I admit  
you to the Degree of \_\_\_\_\_.

University College Dublin  
UCD COLLEGE OF ENGINEERING & ARCHITECTURE AND UCD COLLEGE OF SCIENCE  
Conferring  
Wednesday, 3 December 2025 at 11 am

**COLLEGE OF ENGINEERING &  
ARCHITECTURE**

**Honours Degree of Bachelor of Engineering**

Barrett, Kate  
Ojomo-Amaka, Adesola

**Honours Degree of Bachelor of Science**

(Architectural Science)

Achioya, Samson Temiloluwa

(Engineering Science)

Doyle, Adam  
Elsalahi, Sahar  
Matiets Burov, Daniel  
Scott, Jeremiah

**Degree of Master of Engineering**

(Chemical & Bioprocess Engineering)

Walsh, Lily

(Civil, Structural Environmental Engineering)

Deme, Abel

(Energy Systems Engineering)

Makwana, Darshan Janak

(Manufacturing Engineering)

Lin, Zepeng  
Shanmugam, Harinee

**Degree of Master of Engineering Science**

(Biopharmaceutical Engineering)

Ajala, Elizabeth  
Alimi, Azizat Oluwabukola  
Arroyo Benitez, Rogelio  
Benny, Athul  
Chandrababu, Geethanjali  
Charles Raichel, Cassandra Riffllin

Chen, Ruotong  
Coyne, Elizabeth  
Elhantati, Muna  
Finna, Bernadett  
George, Esther Oluwaseyi  
Grace-Parker, Hannah  
Hunt, Dylan  
Jeyasaravanan, Sabarna  
Jose, Theres  
Kinsella, Theo  
Koyilerian, Nihal  
Liu, Xiaoyi  
Lynch, Kevin  
Lyons, Niall  
Manickam, Priyadarsan  
McGovern, Jake  
O'Connor, Grace  
Ogiehor, Osasere  
Onyia, Justin  
Pacurar, Danina  
Paprocka, Natalia  
Pawar, Rutuja Dattatray  
Reyes Cisneros, Cesia Keren  
Ryan, Bradley John  
Shahriar, Al  
Shi, Qing  
Stynes, Brian  
Suarez, Loreto  
Surisetti, Shanmuk Shankar  
Tank, Umang  
Wittmann, Hiba  
Wu, Yiyuge  
Yan, Meizhu  
Yella Pragada, Prathyusha  
Zhou, Runan

(Chemical Engineering)

Jose, Ann  
Machado, Vilita Priya  
Shyam, Chethan  
Viswanaath Shanthamani, Chandraleka

(Electronic & Computer Engineering)

Adebayo, Oluwadamilola  
Chen, Junjie  
Connesson, LÃ©na  
Dai, Wei  
Duignan, Oran Matthew

Hsu, Chen Hsi  
Indira Kumar Babu, Tarun  
Ji, Tianru  
Jinka, Krishnateja  
Kandibedala, Shravan Kumar  
Koulgi, Rohan Gopal  
Li, Bingxin  
Si, Jingyi  
Siddegowda, Rajatha Shree  
Singh, Simardeep  
Suresh Babu, Bharghavi  
Tremouille, Adrien  
Twomey, Cian  
Zhao, Mengqi  
Zhao, Shuang

(Engineering Management)

Yama Sri Hari Varun  
Tanu  
Aramudhan, Adhityaa  
Arora, Muskaan  
Balachandra, Priyanka  
Bao, Ruhe  
Bhatti, Bilal Hassan  
Birtalan, Áron  
Chandran, Sarath  
Desclos le Peley, Pierre  
Dhondge, Hrishikesh Chandrakant  
Ganesh, Aarthi  
George, Jessica Ann  
Goerrian, Carmen  
Gupta, Manasi  
Kadli, Chinmay Basavaraja Seema  
Kandula Venkata Naga, Indu Vijaya Durga  
Li, Haoyang  
Malardier, Louis  
Markande, Ananya  
Mundayadan Koroth, Vaishnav  
Pande, Sanket  
Picard, Ines  
Pinto, Ma Manna Farrel  
Punnoose, Anu  
Rajasekharan, Sudin  
Ribeiro, Kevin  
Roman, Thomas  
Roy, Anirban  
Shah, Jay Sanjay  
Shankar Rao Amarnath, Suraj Pawar  
Shum, Cheng  
Sindhu Jeevagan, Rishab  
Sivakumar, Abirami  
Upasani, Saniya Shrikant  
Varghese, Vishal  
Vergobbio, Maxence

Vetter, Louis  
Wang, Yifei  
Xie, Naisi  
(Food Engineering)

Jemi Agapitus  
Alva, Anushka  
Anandakumar, Samyuktha  
Chew, Charmaine Xiang Lin  
Chuah, Isaac Ren Jie  
Deshpande, Soham  
Gao, Ling  
Gutierrez Rubio, Karen  
John, Neenu  
Li, Kangti  
Liang, Zijing  
Liu, Huadong  
Lu, Jun  
Manikandan, Lakshmi  
Poulose, Ashvi  
Sowri, Karunyarani  
Tonay, Ayse Nur  
Wang, Jing wen  
Wang, Manyin  
Yu, Fuxin  
Zou, Nan

(Materials Science & Engineering)

Feng, Xiaoyang  
Hennesy, Sean  
Lacoste, Carlo  
Monceau, Clara  
Sadananda Kurup, Sruthin  
Saltiel Fuentes, Daniela

(Robotics and Intelligent Manufacturing)

Chen, Sisi  
Conte, Stefania Diamante  
Drury, Benjamin  
Faizan, Mohammad  
German, Erika  
Huang, Zuo  
Jagtap, Shreyansh Sachin  
Jose, Midhun  
Li, Yan  
Mc Loughlin, John  
Rinchinov, Timur  
Senthilkumar, Shri Ram  
Tian, Changhao  
Vikrant, Vikrant

(Structural Engineering)



Donaruma, John  
Ferreira, Artur  
Patwary, Md.Ibrahim  
Thamilarasan, Ajai  
Varghese, Anna

(Water Waste and Environmental Engineering)

Abuali, Sara  
Chandrasekaran, Mahendiran  
Craig, Aaron  
Ibrahim, Abdiaziz  
Krawczyk, Tomasz  
Letaconnoux, Antoine  
Mugume, Ericanah  
O'Toole, Eavan  
Pradeep, Arjun Vijayakumari  
Ren, Xiangyu  
Sathyanarayanan Giriprabu, Saujanya  
Valverde Salas, Gloria

(By Research)

Ahmed, Abu Shakil  
Apostolopoulou, Zafeirenia  
Ashraf, Adnan  
Wei, Wenhui  
van der Meer, Aleen

### **Degree of Master of Regional and Urban Planning**

Bell, Ciara  
Coughlan, Sarah  
Donnelly, Sarah  
Doyle, Antoin  
Dunne, Ruairi  
Govil, Aayush  
Hawkes, Benjamin  
Howlin, Edward  
Kotikalapudi Venkata, Yashaswi Sarma  
O'Byrne, Hugh Patrick  
O'Connor, Maura  
Ormond, Jack  
Quinn, Eoin James  
Riordan, Siun  
Shaw, Āšna  
Thomas, Elsa  
Udziela, Kamila  
Warchala, Julia  
Weldon, Conor  
Woods, Ellen

### **Degree of Master of Science**

(Architecture, Urbanism & Climate Action)

Agarwal, Saloni  
Ani, Praise-El  
Dey, Mompi Rani  
Fidecaro, Carla  
Kumar, Avinash  
Popa, Miruna  
Reid-Powell, Lysander  
Sansone, Sara  
Soydas, Iremnur  
Velleparambil Xavier, Harsha  
Xu, Pei

(Digital Technology for Sustainable Agriculture)

Chen, Boyuan  
Mandal, Manidip  
Relangi, Nikhil Surya Prakash

(Environmental Policy)

Abrahams, Daniel  
Akot Mou, John  
Burgess, Sean  
Clancy, Dylan  
Elkins, Jessica  
Hannon, Kim  
Hoang, Trang Le Quynh  
Nguyen Dac Hoang, Long  
Ray, Sharmistha  
Riazi, Yazdan  
Warke, Priyanka Mayuresh

(Environmental Sustainability Implementation)

Awe, Olumide Wesley  
Gomes, Victoria Pan Miranda  
Kinsella, James  
Meade, Jennifer  
Milani, Pamela  
Morgan, Jacqueline  
Stingl, Erik  
Williams, Alex

(Environmental Technology)

Finn, Ciara  
Joshi, Ashwani  
Shang, Yiwei  
Vanhoof, Lars

(Global Change Landscape Design)

Corbett Fitzpatrick, Saoirse

## (Sustainable Energy & Green Technologies)

Ajvazi, Agnesa  
Garg, Shivam  
Hamel, Sophie  
Kumar, Prashant  
Lema, Caroline  
Magnen, Arsene  
Ren, Biying  
Rollet, Ninon  
Shekhar, Shivangi  
Tang, Yalin  
Tengwa, Samkelisiwe  
Vaca Urquizu, Abigail Marcela

## (Urban Design & Planning)

Chen, Ruoyi  
Doshi, Shalin Amit  
Jagtap, Esha Prashant  
Kelley, James  
Omosehin, Esther  
Rengaraju, Swetha  
Sharma, Vishakha  
Velmurugan, Sanjay  
Wang, Haiwen  
Wang, Zhijin  
Zhou, Lingjing

## **Degree of Doctor of Philosophy**

Brennan, Conor  
Person-centred Inclusive Design for Co-creation of Accessible Digital Musical Instruments and Supports: Inclusive Creativity for and with People with Disabilities including Severe Acquired Brain Injury

Charisis, Christos  
Deep learning detection and segmentation of mushrooms in visually complex environments

Cregan, Charlie  
An Economic Analysis of Corporate Sustainability Ratings: an investigation into the accuracy of ESG scores in reflecting the climate-related impacts and investments of firms

da Conceição Evangelista, Isabela  
Design and manufacturing of microscale textured polymer surfaces for non-lubricated applications in medical devices

Doyle, Kallum

Digital Design for Advanced Biotherapeutics: A Model-enabled Framework for the Development and Optimisation of Biopharmaceutical Cell Culture Processes

Haasbroek, Dian  
Ultrashort Pulsed Laser Micro-Structuring of High-Performance Polymers: From Ablation Fundamentals to Medical Device Fabrication

Habib, Md Arman  
Data-Driven and Experimental Methods for Enhanced Prediction of Wave Overtopping and Scour Depth at Sea Defences

Hayes Worland, Elena  
Investigating Seasonal Variation in Composition and Heat Stability of Bovine Milk from a Pasture Based System using Mid Infrared Spectroscopy and Chemometrics

Hofheinz, Anna  
Hygrothermal properties of traditional Irish building materials and their effect on the understanding of the performance and moisture risk of traditional solid masonry assemblies in Ireland

Hu, Yang  
Blockchain Recommender System and Artificial Intelligence: Leveraging advanced digital technology for disruption risk mitigation in the medical device closed-loop supply chain

Kamal Tageldin Mohammed Osman, Rawan  
Unveiling the Mosaic of Migrant Historic Landscapes in Ireland: The Formation of the Meath Estate and Ballyhaunis

Kumar, Sayan  
Ultra-Low Jitter and Energy-Efficient Frequency Synthesis for mmWave Communications

Liu, Hongshuai  
Fabrication of Solid-state Nanopore Array with Controlling Geometry

Mullen, Jonathan  
Effects of gravity on alloy solidification

Ramasubramanian, Aswin Karthikeyan  
Design and deployment of human-robotic applications using advanced digital technologies

Rodriguez Luzardo, Simon Antonio

Combining finite volume methods with deep learning

Saddiqi, Mohammad Matin  
Integrated Management of Combined Sewer Systems by Using a Multi-Model Approach

Shi, Longnan  
Predicting soil carbon sequestration potential of Irish soils from spectral data

Wang, Qingyuan  
Dynamic Deep Learning Compression and Configurable Efficiency

Yang, Cihang  
An investigation on the applications of advanced Infrared Spectroscopy Spectral Imaging and Machine Learning for Polymer Characterization including microplastics.

Yasar, Miray  
Investigation of Polymer Integrated Smart Piezoelectric Fillers

Yin, Hang  
Digital Predistortion of Radio Frequency Power Amplifiers with Flexible Spectrum Operation

Yu, Mingzhi  
Design and development of a microfluidic-based high- throughput platform for formulation screening and optimization of lipid nanomedicines for gene therapy

Zaki, Sana  
Shaping and Electropolishing of Ni Micro Mould Tools to Reduce Demoulding defects in the Microinjection Moulding Process

Zhang, Hui  
Brine Drying and Salt Precipitation Dynamics in Porous Media and Its Impact on Hydro-Thermal-Mechanical Properties

## **COLLEGE OF SCIENCE**

### **Degree of Doctor of Philosophy**

Adami, Francesca  
Electronic Properties and Surface Interactions of Manganese and Iron Spin Crossover Complexes

Alanazi, Mona

Distribution and fate of antimicrobial resistance genes in riverine systems and coastal waters: implications for public health

Alanazi, Wafa  
Predicting One-Dimensional Protein Structures by Leveraging Pre-Trained Language Models (PLMs) and Deep Learning

Alkhathami, Fahad Ali  
Synthesis of Fluorinated N-Heterocycles: Analogues of Febrifugine

Allen, Kevin Matthew  
q-Series and Modularity

Babu, Ganesh  
Model-based clustering and classification methods for high-dimensional data with spatial and temporal dependence

Balusamy, Karthika  
Chemo-biotechnological approaches for valorisation of mixed plastic wastes to bioplastics

Banjar, Areej  
Designing User-Centered Gamified Mixed Reality Innovative Frameworks and Gamified MR Application

Barry, Amber Lara  
Bio- and Organocatalytic Cascade Methodology for the Synthesis of Chiral Heterocycles

Beato, Zoe  
Investigation of Synthesis and Application of Thioglycosides

Beaumont, Katharine  
Integrating Domain-Level Explainable Learning into the BDI Hypermedia Agent

Becker, Vanessa  
Synthesis and Applications of S(IV) and S(VI) Compounds

Blunt, Conor  
Biostimulants & Barley: An Agronomic Study

Brady, Ruairi  
Development of a High-Average Radiance Soft X-ray Light Source

Burke, Shannon



Carbon storage and sequestration in Irish saltmarsh habitats

Che, Yixin

The carbon catabolite repression system - polyhydroxyalkanoate metabolism link in *Pseudomonas putida* KT2440

Connolly Bree, Déaglán

The Impact of Software Design on Energy Performance

Cruise, Adam Mark

Merging Enabling Technologies and Photochemical Reactions for the Advanced Synthesis of Chemical Building Blocks

Daniel, Neil J

The association of gut barrier dysfunction gut bacteria and circulating bacteria-associated metabolites with pancreatic ductal adenocarcinoma and hepatocellular carcinoma

Disney, Niamh

Exploiting Flow Chemistry for the Synthesis of Nitriles en route to N- and O-Heterocycles

Donnellan, Martina

Next Generation Laboratory Soft X-Ray Microscope for 3D Nanoimaging

Duleba, Dominik

From Fundamentals to Applications: Harnessing Digital Chemistry for Nanopore Sensor Development

Fouhy, Ella Mary

Uncovering the Early Circulating Environment That Precedes a Diagnosis of Preeclampsia

Fulcher, Andrew

On Invariants and Cyclic Flat Structures in the Theory of q-Matroids and L-Polymatroids

Gillani, Maryam

Subcellular Localization Prediction by Deep N-to-1 Convolutional Neural Networks

Higgins, Catherine

Dynamic gene regulatory network construction from high-throughput time-course data

Hou, Yueran

Identification and characterisation of vaccine antigens for *Klebsiella pneumoniae*

Jessen, Lisa Maria

Greenhouse Gas Fluxes from Irish Coastal Wetlands

Jin, Changhong

Applying Machine Learning to Detect Subclinical Mastitis in Cows Using Readily Available Milk Flow Profile Data

Lehane, Niamh

Pd-catalysed Decarboxylative Asymmetric Transformations of Heterocycles

Lin, Dandan

An Electrochemical Oxidation Prins-type Cyclization Sequence for the Synthesis of Substituted N-Heterocycles

Logakrishnan, Mohana Priya

Assessing the impact of seasonal weather on grass-based livestock production on Irish farms

Lonergan, Tadhg

Age-Related Telomere Dynamics in Bats

Maass, Regina

Advancing Passive Reflection Seismic Imaging in Complex Geological Settings: Insights from Krafla Volcano NE Iceland.

Macleod, Hayley

Platelets and circulating extracellular vesicles in cancer therapy and thrombosis

Mahon, Joyce

Reimagining Post-Primary Computer Science Education in Ireland: Integrating AI Machine Learning and Generative AI

Martin, Aoife

Transaminase-triggered Synthesis of Disubstituted Pyrrolidines

Mentel, Robin

High-Resolution Studies of the Inner Circumstellar Disks of Herbig Ae/Be Stars

Mihailescu, George

Quantum sensing with many-body systems

Murphy, Laura

Systematic investigations into the identification of new value from the bioprocessing waste generated by the yeast *Komagataella phaffii*

Naik, Parth Deepak

Flow Approaches for the Improved Synthesis of Pharmaceutical Building Blocks

O'Gorman, Elizabeth

The Effect of Environmental Stressors on Biofilm Formation by *Campylobacter jejuni* and *Campylobacter coli*

O'Neill, Shane Patrick

Confined Sensing Systems: Principles and Applications from Bulk to Nanoscale

O'Reilly, Daniel

The non-haemostatic roles of platelets in neonatal transition and inflammation

Orimaco, Rhys Anton

Metabolic engineering of *Pseudomonas umsongensis* GO16 for the production of a plastic monomer furan-25-dicarboxylic acid

O'Sullivan, Brian

Spatio-temporal model estimation and imputation of rainfall networks

Pender, Grace

Towards the improvement of hemp (*Cannabis sativa*) for agriculture

Promskaia, Iuliia

Model-based clustering methods for networks with edge weights and node features

Riad, Maha

Run-time Norm Emergence in Open Heterogeneous Multi-Objective Multi-Agent Systems

Ryan, Louise

A comparative genomics approach to understanding sensory adaptation in mammalian evolution

Safavifar, Zahra

Workload Orchestration in Extreme Edge Computing: A Reinforcement Learning-Based Approach

Scully, Jillian

Genetic analysis of yeasts of clinical and biotechnological importance

Tavernier, Elia

Variance Components for Nitrogen Utilisation in Grazing Dairy Cows

Whelan, Donal

"The Development of a DNA Biosensor for the Detection of *Klebsiella pneumoniae*"

Yang, Jinyuan

A System for Efficient Large Scale Scenes Rendering

Zarbakhsh, Negin

Multisource Data Analytics for Advancing Intelligent Urban Computing

Zhang, Gechuan

Legal Argument Mining using Neural Methods

Ceol leis an Ceathairéad Teaghrán Astral  
MUSIC BY THE ASTRAL STRING QUARTET

Handel  
Charpentier  
Handel

Water Music – Hornpipe  
Te Deum (Prelude)  
Firework Music 'La Rejouissance'

This list is for information only and is not an official record.  
The University cannot accept responsibility for errors or omissions.

## *Laoi na hÁilleachta*

I gcoill Fómhair faoi chiúnas clabhstrach na gcrann  
Tháinig duille feoite ag foluain anuas go mall  
Trí cholúin na beithe, trí áirsí na dara,  
Trí stuanna míne na beithe, trí stuanna cama cumhdachta na dara,  
Ó uaine go haraile,  
Duille fáin faoi chiúnas clabhstrach na gcrann  
Is spreagadh an fear chun filíochta leis an áilleacht a chonaic sé ann.

In an Autumn wood under the cloistered quiet of the trees  
A withered leaf floated slowly down  
Through the columns of birch, through the arches of oak,  
Through the smooth arcs of birch, through the bent covering arcs of oak,  
From one green to another,  
A stray leaf under the cloistered quiet of the trees  
And the man was moved to poetry by the beauty he saw there.

By Eoghan Ó Tuairisc.

These are the opening lines from *Laoi na hÁilleachta*, a poem on the beauty of the world, published in Ó Tuairisc's first collection of poetry, *Lux Aeterna* (1964).

Poet, Novelist and  
Tuairisc wrote in

He received a BA  
the 1940s.



Dramatist, Eoghan Ó  
both Irish and English.  
and MA from UCD in