University College Dublin
Ireland's Global University

Undergraduate Prospectus 2024

Professor Orla Feely
President, Uachtarán

The information provided in this prospectus is correct at the time of going to press, but the degree courses are subject to continuing development and the University reserves the right to make changes at any time, before or after a student's admission. As much notice as possible will be given of such changes, but interested applicants should check **www.myucd.ie** regularly.

All students featured in this prospectus are UCD students/graduates.

Welcome from the President

Choosing the right degree and the right university are important decisions and I hope that this prospectus, and the range of information we provide through MyUCD, will encourage you to join us here at this great university.

At UCD, you will find a dynamic and welcoming community, where diversity is celebrated and everyone is treated fairly, allowing you to achieve your full potential. Our educational environment is designed to stimulate you with modern, flexible teaching and learning practices, utilising the most up-to-date technology. The range of subject choice we offer is unrivalled in Ireland. Our world-leading lecturers bring their research and their scholarship into the classroom so that you can engage with the most up-to-date knowledge. Recognising the pace of change in the world in which we live, we update our curriculum content and structure regularly so that you will enjoy the best educational experience possible.

We match your ambition to succeed and develop over the course of your journey with us. We are very proud that we have held the number one position in Ireland for graduate employability since 2018. Our strong industry partnerships and hard-working career networks ensure that you will have every opportunity to thrive in your chosen careers, whether that is here in Ireland or globally.

Life at university is not just about lectures and study, there is so much more to life on campus at UCD. You will find that sports, societies and the social life are vital ingredients of your university experience. Our campus-based approach gives you the opportunity to explore everything on offer, recognising that critical life skills are gained through interaction with your peers and personal exploration.

In order to address the challenges facing our rapidly changing world, we need critical and engaged students with the skills and confidence to see opportunities in those challenges. Today's students are tomorrow's global citizens, and we will provide you with an excellent education and a student experience that will empower you to embrace, shape and address the challenges. Your university experience is an exciting journey of academic and personal discovery. Please check our website and social media channels to learn more about our beautiful suburban campus, our on-campus accommodation and facilities, our sports and social activities and much more.

As a proud alumna of UCD myself, I know that coming to UCD is one of the best decisions you will make, and I look forward to welcoming you into our vibrant and embracing community.

Fáilte ón Uachtarán

Is cinntí tábhachtacha iad an chéim cheart agus an ollscoil cheart a roghnú agus tá súil agam go spreagfaidh an réamheolaire seo, agus an raon eolais a chuirimid ar fáil trí MyUCD, tú a bheith linn anseo ag an ollscoil iontach seo.

Sa Choláiste Ollscoile, Baile Átha Cliath, gheobhaidh tú pobal dinimiciúil agus fáilteach, áit a gceiliúrtar éagsúlacht agus ina gcaitear go cothrom le gach duine, rud a ligeann duit do chumas iomlán a bhaint amach. Tá ár dtimpeallacht oideachais deartha chun tú a spreagadh le cleachtais teagaisc agus foghlama nua-aimseartha, solúbtha, ag baint úsáide as an teicneolaíocht is cothroime le dáta. Tá an réimse ábhar a chuirimid ar fáil gan sárú in Éirinn. Tugann ár léachtóirí ceannródaíocha a gcuid taighde agus a gcuid scoláireachta isteach sa seomra ranga ionas gur féidir leat dul i ngleic leis an eolas is déanaí. Ag aithint luas na nathraithe atá ag tarlú sa domhan ina mairimid, déanaimid ár n-ábhar agus struchtúr ár gcuraclaim a nuashonrú go rialta ionas go mbainfidh tú taitneamh as an taithí oideachais is fearr agus is féidir.

Táimid ag teacht le d'uaillmhian chun rathúlacht agus forbairt a dhéanamh linn le linn do thurais. Táimid an-bhródúil go bhfuil an chéad áit bainte amach againn in Éirinn d'infhostaitheacht céimithe ó bhí 2018 ann. Cinntíonn ár gcomhpháirtíochtaí láidre tionscail agus ár líonraí gairmeacha dícheallacha go mbeidh gach deis agat dul chun cinn a dhéanamh sna gairmeacha atá roghnaithe agat, cibé acu anseo in Éirinn nó go domhanda.

Ní léachtaí agus staidéar amháin atá i gceist le saol na hollscoile, ach tá i bhfad níos mó i gceist leis an saol ar an gcampas sa Choláiste Ollscoile, Baile Átha Cliath. Gheobhaidh tú amach go bhfuil spóirt, cumainn agus an saol sóisialta mar comhábhair ríthábhachtach de do thaithí ollscoile. Tugann ár gcur chuige gcampas-bhunaithe an deis duit gach rud atá ar fáil a iniúchadh, ag aithint go bhfaightear scileanna saoil criticiúla trí idirghníomhaíocht le do phiaraí agus iniúchadh pearsanta.

D'fhonn aghaidh a thabhairt ar na dúshláin atá os comhair ár ndomhan atá ag athrú go tapa, tá gá againn le mic léinn leis na scileanna agus leis an muinín chun deiseanna sna dúshláin sin a fheiceáil. Is iad mic léinn an lae inniu saoránaigh dhomhanda an lae amárach, agus cuirfimid oideachas den scoth agus eispéireas mac léinn ar fáil duit a chuirfidh ar do chumas glacadh leis na dúshláin, iad a mhúnlú agus aghaidh a thabhairt orthu. Is turas spreagúil fionnachtain acadúil agus pearsanta é do thaithí ollscoile. Féach ar ár suíomh gréasáin agus ar chainéil na meán sóisialta chun níos mó a fhoghlaim faoinár gcampas álainn fo-uirbeach, ár gcóiríocht agus áiseanna ar an gcampas, ár ngníomhaíochtaí spóirt agus sóisialta agus go leor eile.

Mar alumna bródúil de chuid UCD mé féin, tá a fhios agam gur ceann de na cinntí is fearr a dhéanfaidh tú ná a theacht go UCD, agus táim ag tnúth le fáilte a chur romhat isteach inár bpobal bríomhar agus fáilteach.

Contents

WHY UCD?

TOP
1%

TOP 1% FOR EDUCATION

(QS World University Ranking 2023).

UCD is ranked within the top 1% of higher education institutions worldwide and offers the best internationally accredited curriculum in Ireland with four subjects ranked in the top 50 worldwide, 9 in the top 100 and 36 in the top 200.

1ST CHOICE FOR IRISH SCHOOL LEAVERS

UCD has the largest number of first preferences in the CAO applications and first year student retention rate of 94%.

NO.1 FOR STUDY ABROAD OPPORTUNITIES

UCD has over 450 exchange partnerships worldwide, offering students opportunities to study in Asia, Australia, New Zealand and North America, as well as with Erasmus+ partner universities in 29 countries throughout Europe, during their degrees.

NO.1

FOR COURSE CHOICE & FLEXIBILITY

UCD has the widest range and choice of degrees for students and provides the most flexible, fully modularised curriculum in Ireland, called UCD Horizons.

NO.1 FOR STUDENT SUPPORTS

Largest Peer Mentor Programme in Ireland - A dedicated support network to encourage student's welfare, inclusiveness, and guidance and to help ensure each student gets the most out of their time at UCD.

34%

OF STUDENTS FROM UNDER REPRESENTED GROUPS

A third of our students come from diverse under-represented groups. In our undergraduate courses, a quarter of all places are reserved for these students.

OPEN DAY

Saturday 11th November 2023

- 10am – 4pm
- Course Talks
- Mini Seminars
- Campus Tours
- Information Stands
- Open to 6th years, their parents, mature students, teachers, guidance counsellors.

IRELAND'S GLOBAL UNIVERSITY

Ireland's Global University with more than 10,000 international students from 144 countries and 33% of our academic staff from overseas. On graduating, students join our 300,000 strong global alumni network.

8 PATHWAYS TO STUDY AT UCD

One size does not fit everyone, so we have considered your needs and designed eight flexible pathways to higher education. See page 202 to find out more on all our access admission pathways. **www.myucd.ie/why-ucd**

130

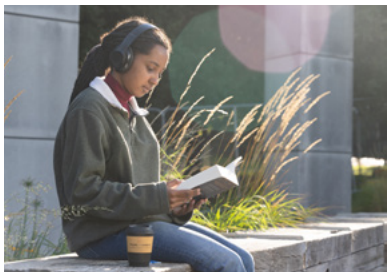
Sports Clubs & Societies

4,000

On-Campus Events

The UCD Education

Ireland's Most Globally Engaged and Research Driven University
The educational environment at UCD is designed to stimulate students through flexible teaching and learning practise, and through a curriculum that is constantly updated by the latest research. Our students benefit from an education delivered by experts at the leading edge of their fields internationally.



UCD is one of Europe's leading research-intensive universities; a place where undergraduate education, master's, PhD training, research innovation and community engagement form a dynamic spectrum of activity. Our lecturers actively adopt a research-led approach aiming to teach our students the learning and skills required to contribute to society, whatever career path they take.

UCD is globally recognised for its excellence in teaching and learning. UCD is ranked within the **top 1% of higher education institutions worldwide.** Four subjects are ranked in the top 50, 9 in the top 100 and 36 in the top 200 in the world (QS World University Ranking by Subject 2023).

UCD's innovative and adaptive curriculum is inspired by the philosophy of the college's founder, Saint John Henry Newman, and it realises his vision of university life as a journey of academic and personal discovery.

This high quality of teaching is complemented by a high standard of student support. UCD has the largest Peer Mentor System of any university in Ireland. Every first-year is assigned a Peer Mentor and there are Student Advisers for every programme area. **This is just one of the reasons why our student retention rate in first year is 94%.**

No.1
First choice for Irish School Leavers

94%
First Year Retention Rate

450
Study abroad opportunities

Top 50
World ranking in 4 subjects

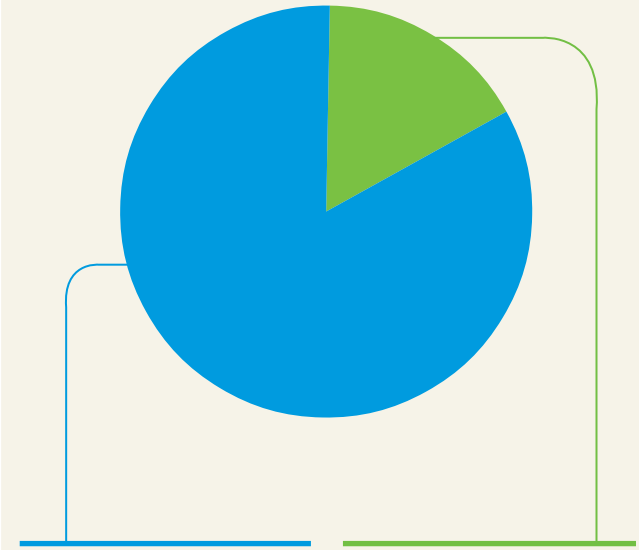
UCD Horizons
Customise your own degree

Students tell us that they love the flexibility of the UCD curriculum. This flexibility is made possible by the UCD Horizons Programme giving students the opportunity to explore areas that interest them beyond the scope of their course. This means that you can adapt your degree to your personal preferences. Each modular meets international standard making it much easier if you want to study abroad for part of your degree.

How does it work?

Each course is made up of 12 modules (60 credits) per year. Every module is worth five credits. Each year, you study 10 modules (or 50 credits) that are related to your course and the remaining 2 modules (or 10 credits) are 'elective' modules. These allow you to customise your own degree, so you can choose elective modules either from the course you are studying to deepen your knowledge or from any course we offer in UCD.

Among the wide range of choices available, you will see exciting Discovery modules that look at current and future issues of national and global importance. These Discovery modules will combine teaching and learning across more than one subject, in areas where UCD is leading on international research.
www.myucd.ie/applying-to-ucd/ucd-horizons



10 Core & Option Modules
from your degree course

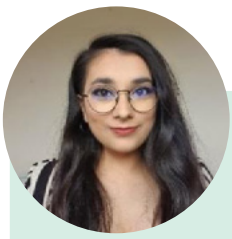
2 Elective Modules
from within or outside your degree course

50 Credits + 10 Credits

Yearly Total: 60 Credits (12 Modules)

Katie O'Sullivan
BCL Law with Politics (Second year)
Horizon Modules Chosen:
French For General Purpose 4

I choose French as an elective because I want to use the language to pursue a career in international law. I found that studying French in UCD was much more interactive and approachable than Leaving Certificate French. I can now read books and have conversations in the language and I am confident enough to go on Erasmus to Toulouse next year. I plan to improve my fluency even further by taking two more French electives later in my degree!



Shamira Bagnall Hare,
Mechanical Engineering
Horizon Modules Chosen:
French, Chinese, Italian, Web Development, Astronomy

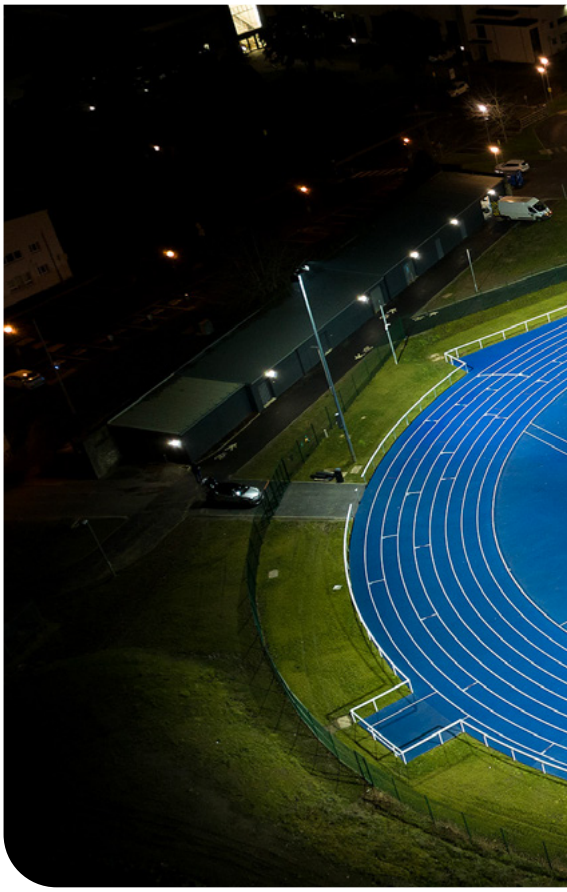
I've always had a wide range of interests and the idea of being able to spend time every trimester pursuing my non-engineering passions really appealed to me. Through the Horizons programme, I've been able to study so many interesting subjects that I've always been curious about and brush up on my language skills at the same time. Studying these electives really helped to break up the intensity of my core subjects and provided an opportunity for me to make new friends outside my course.

Robin Jowett, Law Student
- Design Your Life, Innovation Academy
- Designing the Future, Innovation Academy
- Sort Your Life Out and Thrive

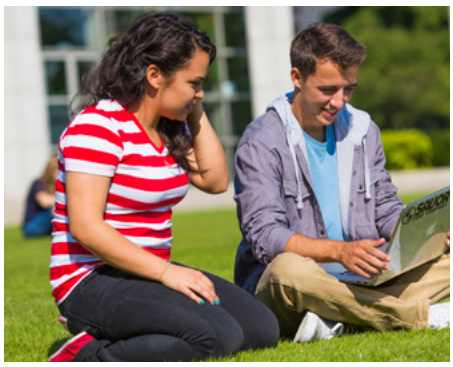
One of the main reasons I came to UCD was UCD Horizons. While I wanted to study Law, and focus on that part of my degree, I still also wanted the opportunity to explore interests outside of my main course area. The elective module system gives this opportunity. As an example, I have done elective modules with the UCD Innovation Academy, which has really complemented my learning as a law student. It has given me the opportunity to learn how to approach problems from a different perspective, and how to design a solution to a given task using innovative methods. Another benefit is the opportunity to meet people from outside your course area, make new friends and learn from their course experiences.

Want to find out more about student life? **Go to www.myucd.ie/chat** to chat with our student ambassadors and ask any questions you have.

World Class Amenities



One of Europe's largest urban campuses providing world-class amenities and a sense of place and community for students to study, relax, play and connect. We provide the most diverse range of student facilities of any university in Ireland.

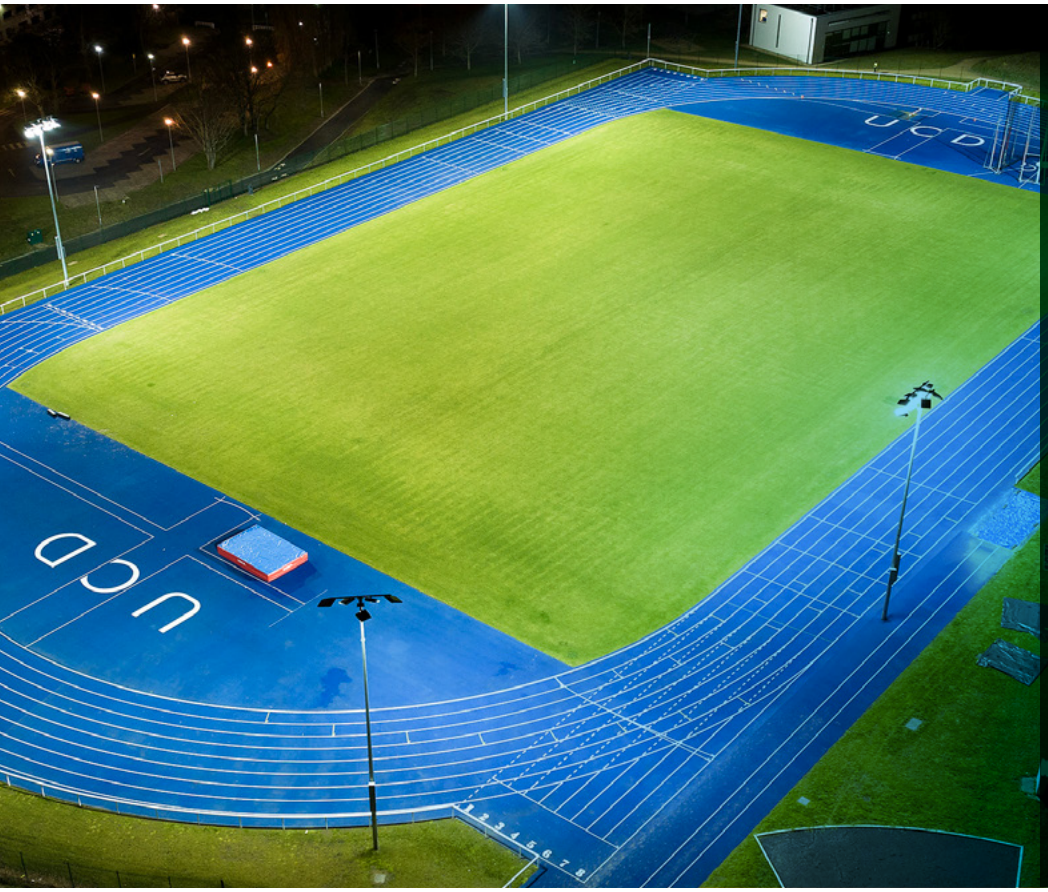


Unique Facilities

UCD is unique amongst third level universities in Ireland by having its own farm (Lyons Farm) that provides students and academics with access to large animal and crop enterprises for the delivery of teaching and research programmes. UCD also has a fully functioning vet hospital, a meteorological station, an apiary, a state-of-the-art plant and environmental research facility on campus.

State-of-the-Art Campus

Today, UCD students benefit from 253,596sqm of academic space for teaching, learning, research and innovation. Virtual reality headsets, break-out areas, innovation hub and skills zones are just a few of the impressive facilities that expand collaboration and interconnectivity between our students, faculty and the business world. Academic facilities include the O'Brien Centre of Science, Ireland's largest capital investment in science in the history of the state with state-of-the-art labs and active learning environments.



Student Green Initiatives

A Zero Carbon Dairy Farm

The BiOrbic SFI Research Centre at UCD is turning their expertise to a major challenge for Irish farming – how to run a **net-zero emissions dairy farm by 2027** that is still a viable business. The challenge is immense. Dairy farms emit 5% of global GHGs. The goal is to extend this strategy to a further **5,000 farms within five years.**

Winners of the Science Foundation Ireland Zero Emissions Challenge, the project aims to demonstrate how renewable energy, livestock feed, and planting different types of grasses and clovers can boost biodiversity and soil health, while also reducing how much methane gas animals produce.

The Revolution Farm and Kitchen

Working in collaboration with the students in UCD's Innovation Academy, The Revolution Farm and Kitchen is a sustainable business on the grounds of UCD producing and selling pasta sauces made from mushrooms grown from coffee grounds supplied by campus cafes.

Sports & Fitness Centre

UCD Students have access to two large state-of-the-art gyms and over 100 fitness classes per week free of charge. Students can also avail of the centre's 50m Olympic swimming pool and tepidarium on a pay-as-you-go basis, or have instant access annually by purchasing a cost-effective swim membership package. The centre's full suite of facilities include:

- **50-metre Olympic swimming pool**
- **Two state-of-the-art gym floors with dance and spinning studios**
- **Sauna, steam room and jacuzzi**
- **Two multipurpose sports halls**
- **Four squash courts and a climbing wall**
- **Handball/racquetball alley**
- **Performance and squad gyms**
- **Numerous natural grass pitches on campus**
- **Six synthetic five-a-side pitches**
- **Synthetic rugby pitch**
- **Synthetic GAA pitch and an 11-a-side soccer pitch**
- **National hockey stadium**
- **8-lane athletics track**

Student Centre

The UCD Student Centre provides a relaxed meeting place for students while offering a large suite of wellbeing and social facilities.

- State-of-the-art 3D cinema
- Drama theatre
- Debating chamber
- 600-seat auditorium
- Meeting rooms for student clubs and societies
- TV studio
- Radio pod
- Seminar room
- Student Health Services
- Student Counselling Service
- Pharmacy
- The Belfield Barber
- The UCD Clubhouse (bar and function room)
- Students Union
- SU Shop
- Poolside café

www.ucd.ie/studentcentre
www.ucd.ie/sport

Our Community Your Experience

"A place where you belong"

Life at university is not just about lectures and study, there is so much more to being a student at UCD. You will find that sports clubs, societies and an active social life are vital ingredients of your university experience and being part of the UCD community.

New Student Orientation

Student orientation is a timetable of fun and engaging events. It takes place the week before the academic year begins and is aimed at helping new students settle into life at UCD. Annual orientation traditions include societies, club performance groups, comedy, tapas, movie nights, music nights, sports tournaments, scavenger hunts and more. **www.ucd.ie/newstudents**

Sports Clubs

UCD sports clubs are for the most part student-run and student-led, so you can play your sport and if you wish also lead and develop your club. With nearly 50 sports clubs to choose from, ranging from team sports, adventure sports, water sports to martial arts, there is something for everyone! **www.ucd.ie/sport/clubs**

Student Societies

The university experience is all about getting involved and getting active, trying something new, having fun and making some great friends and memories along the way. You can join any of the 80+ student societies throughout the year by attending their events and getting in touch. **www.ucd.ie/societies**

Performing Arts

Our resident performance ensembles are the UCD Choral Scholars, UCD Gamelan Orchestra, UCD Philharmonic Choir, UCD Symphony Orchestra, and the newly founded Ad Astra Chamber Orchestra. They give frequent concerts on campus and at prestigious Dublin venues, such as the National Concert Hall, the Bord Gáis Energy Theatre and Christ Church Cathedral. For our theatre goers, UCD DramSoc is one of the most active societies on campus. DramSoc has staged all manner of theatrical performances, from Shakespeare to Conor McPherson and more, including hundreds of works written by our own members.

Student Centre

UCD has the most diverse range of student facilities of any university in Ireland. All designed to encourage you to get involved, meet new people and have fun all in the one place. From a cinema, to a TV studio, radio pod and debating chamber there is something for everyone. See page 8 for a full list of facilities.

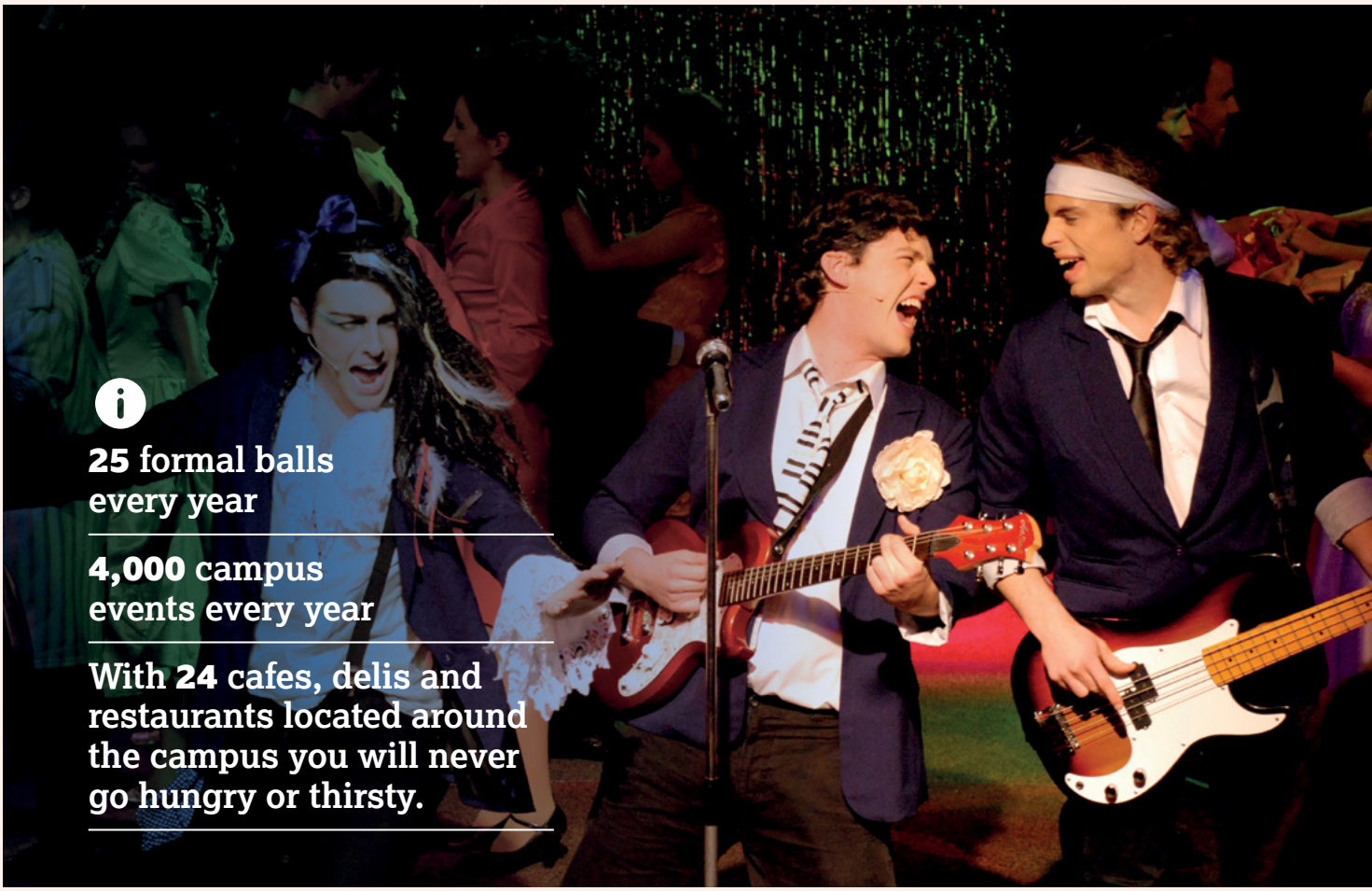
Volunteering Opportunities

There are a wide range of volunteering opportunities for students on campus in UCD and in the community.
UCD Volunteers Overseas provides students, staff and graduates with the opportunity to participate in a volunteering and global citizenship programme. This includes four weeks volunteering with one of the UCDVO's overseas partners in India, Tanzania and Uganda. The programme includes a structured series of global citizenship education workshops, relevant training and debriefing.
www.studentvolunteer.ie/ucd
www.ucdvo.org

Follow MyUCD on TikTok and Instagram to learn more about student life at UCD.

Students' Union

The UCD Student's Union is the representative body for students. Looking for nights out and partying? The SU organise big student gigs. Interested in campaigning? You can join national campaigns and protests. Want to polish your CV? The SU has workshops, guest speakers and volunteer opportunities. If you have an issue with your academics, finances or mental health, the SU is there to help.
www.ucdsu.ie



Sports Clubs

With nearly 50 official sports clubs, excellent facilities and a huge programme of fitness classes, there's something for everyone. So make the most of your time at UCD, get involved, get active and have fun. www.ucd.ie/sport/clubs

American Football
Archery
Athletics
Badminton
Basketball
Boat
Boxing
Camogie
Canoe
Caving & Potholing
Cricket
Cycling
Equestrian
Fencing
Gaelic Football
Golf
Handball
Hockey
Hurling
Judo
Karate
Lacrosse
Lau Gar Kickboxing
Mountaineering
Ninjutsu
Olympic Handball
Orienteering
Rugby
Sailing
Shaolin Kung Fu
Snowsports
Soccer
Squash
Sub Aqua
Surf
Swimming & Waterpolo
Table Tennis
Taekwon-Do
Target Shooting
Tennis
Trampoline
Triathlon
Ultimate Frisbee
Volleyball
Windsurfing

Student Societies

Student societies are a great way to explore your interests and develop new ones. UCD has over 80 active student societies so there is something for everyone from jazz and juggling to science, music and political studies. www.ucd.ie/societies

Actuarial & Financial Studies
Africa
Agricultural Science
Amnesty
An Cumann Gaelach
Arab
Archaeology
Architecture
Arts
Biological
Broadcasting (Belfield FM)
Chemical
Chemical Engineering
Chess
Chinese
Christian Union
Classical
Commerce & Economics
Dance
Dramsoc
Draw
Economics
Electrical Engineering
Engineering
English & Literature
Erasmus Students
Film & Video
Food
French
Games
Geography
Geological
German
Harry Potter
Hispanic
History
Horse Racing
Horticulture
Indian
International Students
Internet
Investors & Entrepreneurs
Islamic
Japanese
Jazz
Juggling & Circus
Kevin Barry Cumann (Ógra Fianna Fáil)
Law
LGBTQ+
Literary & Historical
Livingstones
Malaysian
Mathematical
Mature Students
Mechanical Engineering
Medical
Medical
Microbiology
Musical
Newman
Nutrition
One Health
Pharmacology & Toxicology
PhD Students
Philosophy
Physics
Planning & Environmental Policy
Political Studies & International Relations
Psychological Science
Science Fiction & Fantasy
Sinn Féin
Socialist Worker
Social Democrats
Spanish
St. Vincent de Paul
Student Legal Service
Traditional Music
Volunteers Overseas
Women + Stem
World Aid
Young Fine Gael
Young Greens

Welcome to the Village

A 24/7 vibrant community hub where students can gather and enjoy a mix of spaces to relax in and connect with other students with a line-up of exciting events throughout the year. A place to eat and socialise under the one roof with a bar and brand-new food hall serving everything from a traditional chicken fillet roll to street food inspired from around the globe. There is also a gym and regular fitness classes for resident students.

Campus Accomodation

Living on campus is an exciting and liberating experience, UCD Residences give priority to first year students for on-campus places. Typically, over 1,000 first years are accommodated. Options include self-catering apartments, halls of residence and catered accommodation that include meals in the cost. Specially adapted facilities are provided for students with disabilities.

Accommodation fees vary depending on style, dates and availability. As a guideline fees range from €5,625 for a self-catering twin bedroom for the academic year up to €11,967 for an en-suite catered apartment. For a full breakdown of costs, see **www.ucd.ie/residences/bookinginfo/finance.**

Applications for UCD Residences normally open in April. For details and updates on the application process, see **www.ucd.ie/residences**. For off-campus options, see: **www.ucdaccommodationpad.ie**. Please make sure to read the on-screen instructions as these properties are not UCD properties.

On-Campus Residential Services

- **24-hour support for residents**
- **On-site maintenance team**
- **Launderettes, gym and social spaces**
- **On-site residential assistants and security**

Key Fact

1st Year Students get priority for on-campus accommodation.

Residential Assistants

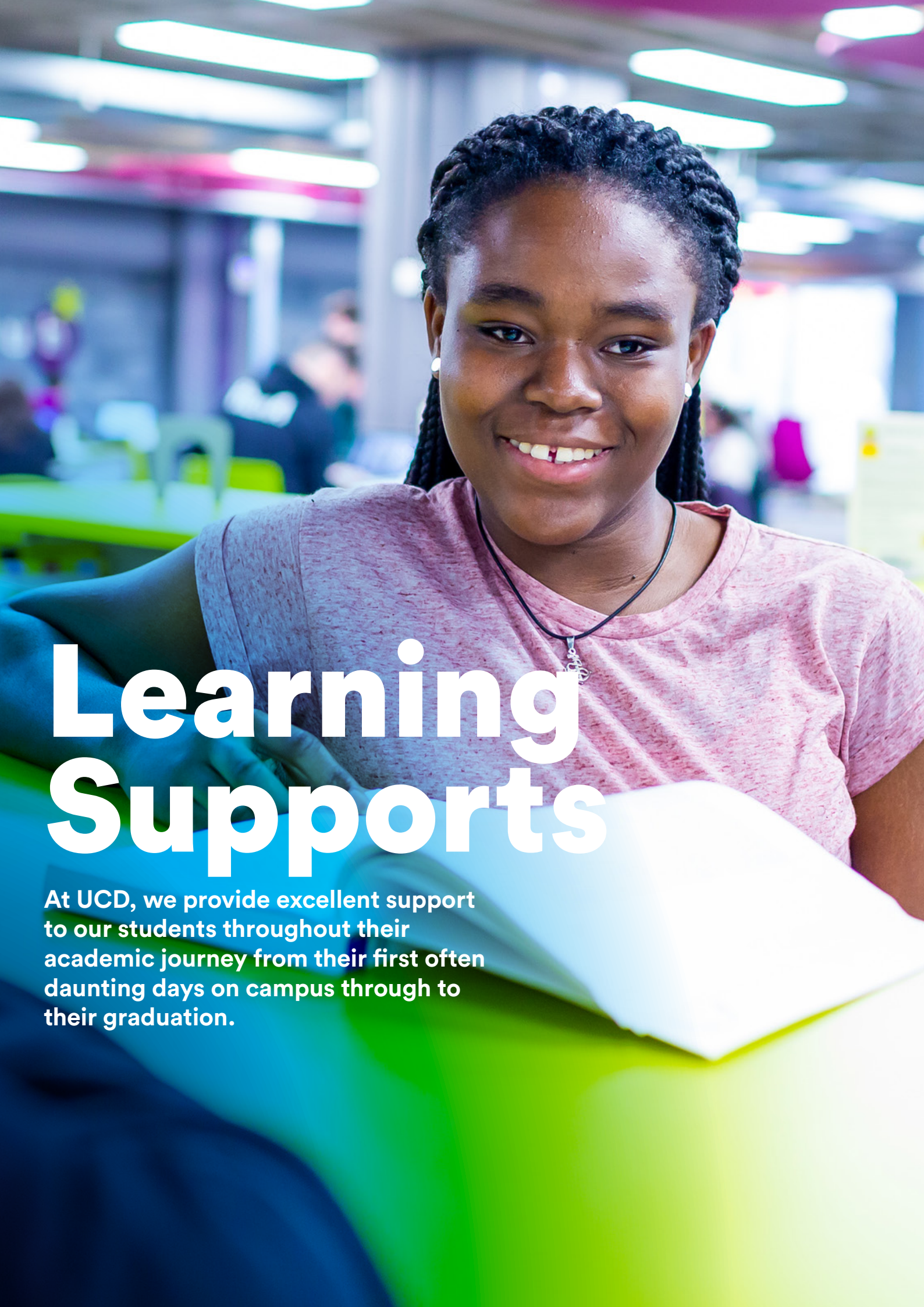
Each location has a team of Residential Assistants who are current students. They work closely with the Service Team to provide high quality services for residents across the village quarter.

ResLife Programme

The ResLife Programme aims to build a community within the Residences by organising exciting and engaging events throughout the year.

Contact Details

Booking Office Queries:
residenceroombooking@ucd.ie
General Queries: **residences@ucd.ie**
T: +353 1 716 1031
www.ucd.ie/residences



Learning Supports

At UCD, we provide excellent support to our students throughout their academic journey from their first often daunting days on campus through to their graduation.

Maths Support Centre

Many students find mathematics difficult. The friendly, experienced tutors at the Maths Support Centre provide support on a one-to-one or small group basis to any UCD student registered to a Level 0, 1 or 2 module. So, whether or not you are taking a maths/statistics module, get in touch and ask a question, it's free and no appointment is necessary.
www.ucd.ie/msc

Libraries

Our libraries are an essential asset to all UCD students. We have over two million resources, print and eBooks, journals and databases. There are over 3,000 quiet study spaces, along with group study rooms and social learning spaces. We feature a wide range of freely available student focused services including charging lockers, laptop loans, innovative self-service and online service tools. Have a query? Ask our helpful staff or chat with us online.
www.ucd.ie/library

Writing Centre

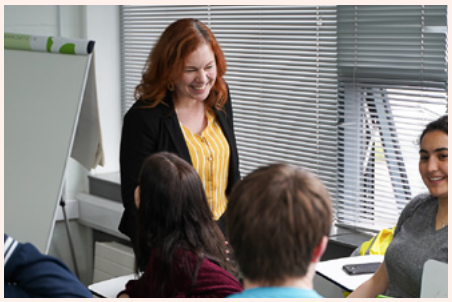
All UCD students are writers; writing university assignments is a skill that you will learn during your studies. The Writing Centre is a free service and we offer one-to-one sessions and writing workshops with experienced tutors. We can help you with your (essays, reports, learning journals etc.) at any stage of your writing, from planning and drafting to revising and editing. Just drop in!
www.ucd.ie/writingcentre

Innovation Academy

UCD Innovation Academy provides a transformational education experience with immersive elective modules in creativity, innovation, entrepreneurship, sustainability, design thinking and virtual reality. Our state-of-the-art MakerSpace allows students to learn with new technology, including 3D printers, laser cutters and VR and AR; our living labs offer students hands-on learning in sustainability. Students learn by doing in an innovative and creative environment through workshops, engagement with industry, team challenges and presentations – all vital skills for a rapidly changing workplace.
www.innovationacademy.ie/courses/ucd-undergraduate-module/

IT Services

Our students get access to one of the largest wireless networks in the country, so studying, socialising and working on assignments are all easier at UCD. Online services can be accessed 24/7 through UCD Connect, whether you are on campus, at home or abroad. We have a drop-in IT Centre service and a dedicated IT Helpdesk that provide help and advice as well as computer laboratories across the campus where you can access your UCD Connect account and a range of software applications.
www.ucd.ie/it



Centre for English and Global Languages

UCD offers an extensive range of language electives to students across the university. Accredited language modules are available in Arabic, Chinese, English, French, German, Irish Sign Language, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish and Swahili. Structured Electives are also available in a number of languages. A Structured Elective appears on your official UCD Transcript and means future employers will see that you have a block of credits in a specific area. An 'Introduction to English Language Teaching' elective is also available to undergraduate students.
www.ucd.ie/cegl

Cursaí Gaeilge/Irish Language Courses and Activities

Cuireann Gaeltacht UCD cursaí teanga ar fáil ag cúig leibhéal maraon le himeachtaí cultúrtha. Gaeltacht UCD (UCD's Global Centre for Irish Language and Culture) provides courses in conversational Irish; levels A1 to B2 in accordance with the Common European Framework for Languages. It also offers Irish cultural activities.
www.ucd.ie/irish/ga

Student Supports

UCD has a dedicated support network for students to help ensure that every student gets the most out of their time at UCD. The services and supports available enhance student welfare, ensure inclusiveness and provide guidance. We welcome every student to engage with all of the services on offer to them during their time at UCD.

Student Advisers

UCD Student Advisers are here to help you deal with any personal issues that come up while you're at university. We work with staff right across UCD to ensure your experience is as fulfilling and successful as possible. Every academic programme in UCD has its own Student Adviser who can offer you time and space to explore any issues of concern and to help you navigate UCD policies, procedures and services. We offer a completely confidential one-to-one service for all students, with online and in-person appointments to suit you. We also have dedicated advisers for mature students and postgraduate research students.
www.ucd.ie/studentadvisers

Peer Mentoring

A current student, from a similar area of study, will be assigned to you as your peer mentor and can share their experience on topics, such as time management, study skills, college life and navigating campus resources. Participating in this programme will help you gain valuable insights about being a student, introduce you to a small group of classmates and help you settle into college more easily.
www.ucd.ie/peermentoring

Access Support

A third of UCD's undergraduate students are from diverse backgrounds including students with disabilities, low-income students, mature students, Irish Travellers, part-time students, lone parents, refugees, international protection applicants and ethnic minorities. A range of university wide and specialist supports are available for students throughout their academic journey. These include; ALL student welcome; academic skills workshops; peer supports; access leadership programme as well as need-based financial support and Cothrom Na Feinne scholarships.
www.ucd.ie/all/ucdstudents

Disability Supports.

Students with disabilities are invited to a needs assessments meeting to discuss suitable exam and classroom accommodations and other supports.
www.ucd.ie/all/ucdstudents

Student Counselling

A confidential service provided by professionally qualified psychologists and psychotherapists for students who are dealing with mental health challenges impacting their progress at university. The service is free of charge and is short-term in focus.
www.ucd.ie/studentcounselling

Health Service

The UCD student health service team provides on-campus medical, psychiatric and psychological care to registered students of the University. Our experienced team of administrators, general practitioners, nurses, part-time psychiatrist and addictions counsellor are available to assist you during your time at college.
www.ucd.ie/stuhealth

Key Fact

UCD has the largest Peer Mentor programme of any Irish university with over 800 Peer Mentors.

Dignity & Respect at UCD

The UCD Dignity & Respect Support Advisers work proactively with students who disclose issues of bullying, harassment or sexual misconduct and those who are reported for such issues. The Advisers, who are experienced and trained to support, respond and advise on all reports of a dignity and respect nature, will provide you with a supportive, confidential environment in which to discuss the issues and will support you to make a decision that is right for you and your situation.
www.ucd.ie/dignityandrespect

Chaplaincy & Religious Worship

UCD Chaplaincy opens its doors and hearts to all who wish to avail of its support services. Chaplains are readily available to meet students in complete confidence on request. St. Stephen's Chaplaincy Centre welcomes many individuals and groups from a variety of religious backgrounds who wish to celebrate and/or explore matters of faith and spirituality. For further details, including religious services, visit our Facebook page: facebook.com/ucd.chaplaincy.
www.ucd.ie/chaplaincy

Career Development

At UCD, we are committed to helping you prepare for life after university. Whether you have a clear vision of what you want to do or are just beginning to look at your career options, UCD Careers Network is here to help. 92% of our recently surveyed undergraduate degree cohort were in employment or pursuing further studies within 9 months of leaving UCD.

Mazars greatly value the contribution UCD students have made to our firm and our clients. Every year, we hire UCD graduates for our Audit, Tax, Consulting and Financial Advisory Teams and our Graduate Programme. We hire Undergraduates for our Summer Internships and Co-op Placement Programmes and find all UCD students motivated and eager to learn with the confidence and skills to communicate effectively. Their studies prepare them well to be independent thinkers who are innovative and creative.

Annamarie Redmond,
Head of Talent Acquisition, Mazars

At Deloitte, we seek graduates from all academic backgrounds to collaborate, explore and grow. Our people's diverse perspectives allow us to solve real challenges in business and society. Our graduate programme inspires and energises students while developing their leadership skills early on. We are proud to hire from UCD and have been consistently impressed with its students. If you're eager to learn, collaborate and grow, you'll make an impact here.

Jen Gallivan
Head of Talent Acquisition, Deloitte

We enable students make career decisions, develop skills that employers look for on applications and to be successful in their job/study and at interview. We achieve this in a variety of ways:

Career & Professional Development

Workshops, seminars and professional development activities to enhance your career and professional development. Some are offered for credit and others are stand alone.

Career Coaching & Guidance

20-minute coaching slots are available Monday-Friday (reduced hours apply at certain times of year). Consultations may be booked online at **www.ucd.ie/careers/students/meetwithacareerskillsconsultant/**

Finding Jobs & Graduate Recruitment

Our vacancy portal hosts 1,000's of internship and graduate positions targeted at UCD students and recent graduates. We also have an extensive programme of career and recruitment fairs and employer led events annually.

Developing Your Skills

You can develop skills you lack, enhance skills you already have and learn how to articulate these in applications and interviews. You have access to extensive digital resources on our MyCareer platform with a variety of e-learning content, career information and interactive tools.

UCD Advantage Award

This award formally recognises the skills, knowledge and experience that you gain through participation in co-curricular activity, on and off-campus. In working towards achievement of this award, you can enhance your self-awareness, self-efficacy and self-confidence, whilst developing the skills and attributes required for success in the workplace and life beyond university.
www.ucd.ie/careers

Clubs, Sports, Societies, Volunteering

1st Year

Get involved...

Make first year count. Get involved by joining some of the many clubs, societies on campus and volunteering your time to a worthy cause that you may be passionate about. UCD has hundreds of activities to choose from. Register for the UCD Advantage Award and get recognition for your co-curricular activities.

Career Coaching & Workshops

2nd Year

Be prepared...

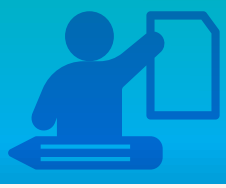
We have a wide selection of programmes and workshops to help you develop the key skills that employers seek. Develop a winning CV, cover letter and interview techniques for face-to-face, telephone, virtual and group interviews, and learn how best to compete for jobs.

Online Resources Explore the options...

In second year, it's time to start thinking about what you want to do. The UCD Careers Network will help you understand the range of national and international career opportunities available to you. They will be able to tell you what other UCD graduates from your programme went on to do. You can also access a wide range of online resources via our new careers platform MyCareer, available 24/7 to UCD students.

Internships

3rd Year



Get work experience...

An internship allows you to get hands on experience in a company/role that you are interested in. It gives you something to talk about in your next interview and is a great opportunity to broaden your skills and make contacts.

Career & Recruitment Fairs

Final Year

Time to Apply...

Network with world leading employers who are targeting UCD students for intern and graduate jobs at our six recruitment fairs, employer-led workshops and recruitment presentations. Last year, thousands of intern and graduate jobs were directed to the UCD Careers Network for promotion to students at UCD.

Scholarships & Awards

At UCD, we recognise student excellence and achievement. We have a wide variety of scholarships and awards for both undergraduate and postgraduate students. These awards celebrate diverse talents and achievements and are highly regarded by employers.

Entrance Scholars

We are changing how we select our Entrance Scholars. Details will be added to our scholarships page in due course. As in previous years, there is no application process but successful scholars will be contacted directly. **www.ucd.ie/scholarships**

University Scholars

Over 200 scholarships are awarded for outstanding academic performance in each stage of a programme across all schools and colleges within the university. **www.ucd.ie/scholarships**

Awards, Prizes & Medals

Over 300 academic awards, prizes and medals are presented annually to undergraduate and postgraduate students across the university who excel in specific subject areas or modules. **www.ucd.ie/scholarships**

President's Awards

Recognises that the university experience has many facets. Awarded to students who have made an exceptional contribution to college life, volunteering or achievement against adversity. **www.ucdsocieties.com/presidentawards**

The Ad Astra Academy

The Ad Astra Academy at UCD recognises and nurtures exceptional students in academia, elite sports and the performing arts. Recipients benefit from a scholarship, mentoring and a unique range of tailored supports. Benefits include a €3,000 scholarship allowance per annum, preferential access to allocated on-campus accommodation, a dedicated academic mentor, a programme of workshops and seminars, access to the Ad Astra Scholars' Room and more. **www.ucd.ie/adastraacademy**

Academic Ad Astra Scholars

Awarded on the basis of the academic criteria of six H1s in the first sitting of the Leaving Certificate and an online application. Applications accepted from 1st Feb to 18th Aug 2024. The programme supports students who have a proven track record of academic excellence, leadership and a desire to continue to achieve at the highest level. For current students, up to 18 academic scholarships are awarded to high achieving students at the end of first year. **www.ucd.ie/adastraacademy/academic**

Performing Arts Ad Astra Scholars

Awarded to students who excel in theatre performance/creation or classical music and wish to develop their performance talents while pursuing a degree at UCD. Graduate and current students can also apply. Applications must be made online no later than 31 Jan 2024. Applicants should also complete their CAO forms by 1 Feb for undergraduate admissions. Graduates apply directly to UCD. **www.ucd.ie/adastraacademy/performingarts**

Elite Sports Scholar Israel Olatunde, at 20 years of age, is the current fastest man in Ireland. He holds the Irish U23 record for the 60m indoors with a time of 6.62 and the Irish U23 100m record with a time of 10.27.

Elite Sports Ad Astra Scholars

The programme supports prospective and current students who are competing and succeeding at the highest sporting levels. Please refer to the website for minimum standards of entry in relevant sports. Applications must be made online no later than 31 Jan 2024. Applicants should also complete their CAO forms by 1 Feb for undergraduate admissions. Graduates apply directly to UCD.
www.ucd.ie/adastraacademy/elitesports

Professor Barbara Dooley, Acting UCD Registrar and Deputy President, with Academic Scholar Laura Burrell at the annual Ad Astra Academy Awards Ceremony

Ad Astra Elite Sports Alumna Eimear Lambe and her fellow team members celebrate their historic win after finishing in 3rd place at the Women's Four final during the 2020 Tokyo Olympic Games.

Universitas 21 Scholarship

Offered through the UCD International office to students going on a trimester and year-long exchanges to our U21 partner institutions in Asia and Latin America. The level of sponsorship funding depends on the length of the exchange. **exchange@ucd.ie**

Global Excellence Scholarships

UCD Global offers a number of tuition fee scholarships to high achieving international applicants.
www.ucd.ie/global/scholarships

Cothrom na Féinne Scholarship

UCD Cothrom Na Féinne Scholarships, named after UCD's motto - "justice and equality" provide financial, academic and personal support to enable students from a diverse range of backgrounds to succeed at UCD. These scholarships are now considered income disregard for the purpose of SUSI. **www.ucd.ie/all**

Sport Scholarships

Awarded to those students who have the potential to compete at the highest national level and above in a particular sport. Scholarships are awarded annually to incoming students and current students.
www.ucd.ie/sport/scholarships

Scoláireachtaí Ghaeltacht UCD/UCD Irish Language Student Residence Scheme

Tairgeann Gaeltacht UCD (Ionad Domhanda UCD don Teanga agus don Chultúr) 24 scoláireacht san iomlán, do mhic léinn ionchasacha agus do mhic léinn reatha le cónaí trí mheán na Gaeilge agus le feidhmiù mar ambasadóirí teanga. Roghnaítear iarrthóirí ar bhonn foirm iarratais agus agallaimh.
www.ucd.ie/irish/ga/

Choral Scholarships

Ireland's leading collegiate choir offers scholarships to talented singers from all academic programmes. These scholars represent the University and Ireland at major events on radio and TV, work with leading musicians and composers at home and on tour. For further information contact the Ensemble Manager at choralscholars@ucd.ie.
www.ucdchoralscholars.ie

Symphony Orchestra Scholarships

Awarded to talented students in key positions within the UCD Symphony Orchestra following auditions in September. These scholars join other students in major performances in Ireland and throughout Europe. The orchestra's annual schedule regularly involves a concert at the National Concert Hall and events on campus, often featuring guest artists. For information contact Dr Ciaran Crilly, Artistic Director at **orchestra@ucd.ie.**
www.ucd.ie/orchestra

ARTS & HUMANITIES

Exploring what has shaped our societies, understanding of how people communicate and learning how to argue for change: these are vital stalks of arts and humanities. In addition to gaining subject expertise through world-leading faculty, our students learn to think independently, act creatively and adapt effectively to new situations and challenges, enabling them to enjoy fulfilling careers. The critical analysis which lies at the heart of the disciplines enables our graduates to enjoy successful careers across a broad range of industries, including the arts, culture, public sector, business, innovation and the media.

Why UCD Arts & Humanities?

UCD Arts & Humanities is Ireland's leading centre for research, creative practice and innovation. We offer a first-class education in a broad spectrum of disciplines as well as the chance to pursue your interests and develop your profile in a wide range of co- and extra-curricular activities. We are ranked 39 for English Literature & Language and in the top 100 for History and Performing Arts in the QS World University Rankings by Subject 2023.

Our courses provide opportunities for study abroad, internships, research and project work and our unrivalled choice of subjects can be studied in three distinct BA degrees: BA Humanities (DN530), BA Modern Languages (DN541) and BA Joint Honours (two subjects, DN520).

Skills, Employability & Careers

Our students gain in-depth subject knowledge in their chosen areas. In addition, they acquire a wealth of transferable skills that are highly valued by employers, including: research, critical thinking, analysis, synthesis, creativity, communication and writing. We offer students the opportunity to develop their career ambitions through a range of focused employability modules, alumni mentoring, career events and other initiatives.

We are committed to helping our students navigate the rapidly evolving job market and empowering them to find their future. Our graduates play a vital role in intellectual, cultural and business life in Ireland, and work in senior roles across a broad spectrum of industries including: journalism, culture, public sector, law, communications and innovation.

For more on our graduates see:
www.myucd.ie/alumni/arts-humanities

Creative Futures Academy

To support our commitment to the dynamic creative and cultural sectors, where many of our graduates work, UCD Arts and Humanities joined forces with NCAD, IADT and a range of industry partners to set up the Creative Futures Academy, a €10m HEA-funded project.

This new Academy offers UCD students the chance to work with and learn from a broad range of leading academics, practising artists, and creative industry professionals. The Creative Futures Academy is dedicated to developing career opportunities for graduates who want to make their mark in this rapidly-evolving sector. See BA Creative & Cultural Industries page 31. **www.creativefuturesacademy.ie**

CFA Creative Futures Academy

BA Humanities (DN530)

This four-year, innovative, multi-subject degree offers 14 distinct degree options. Students applying through the CAO select DN530 and choose one option. Students learn within a carefully structured framework of related subjects. The BA Humanities has the added benefit of offering different ways to diversify your skills and broaden your horizons. In third year, students can apply for an internship, study abroad or continue deepening their knowledge by taking UCD modules or undertaking a research project. Overall, there are 280 places in DN530. The average number of students taking each option is shown on the relevant page. For details on the BA Humanities courses, see pages 31-44.

BA Modern Languages (DN541)

This four-year degree is designed for students who wish to study at least two languages: French, German, Italian, Spanish or Portuguese. Students applying through the CAO select DN541 and choose two languages. A third language may be added on registration. Students will develop an advanced linguistic ability and a sophisticated level of cultural competence, enabling them to communicate fluently in a broad range of professional and social contexts. In third year, all BA Modern Languages students spend a full year abroad studying at one of our partner universities. This course is ideal for students who enjoy modern languages and want to live and work effectively in a multi-lingual environment. For more details, see page 43.

BA Joint Honours (DN520)

This long established, three-year course gives students the freedom to choose from an unrivalled range of 26 subjects and build their own bespoke degree. Students applying through the CAO select DN520 and choose two subjects. Overall, there are 420 places on the Joint Honours. The average number of students taking each subject is shown on the relevant page. See page 44 for all available subject combinations and consult the individual subject pages for more information.

Students can add a third subject or choose from a wide range of elective modules at the start of first year during registration. At the end of first year, students commit to their two Joint Honours subjects and study these subjects to BA degree level. Popular combinations include: Film Studies and French, Music and Irish, Art History and History, and History and Greek & Roman Civilisation.

BA International

Students on the BA Joint Honours can choose to spend a full year abroad in third year at one of our partner institutions around the world, making it a 4-year degree. Students who choose this option graduate with a BA International.

If you are interested in thinking about the world in a different way, this course definitely is for you. I was initially attracted to this course for Art History but all the subjects combined have made the entire course invaluable for me. Throughout the course I gained vital research skills and a critical sensibility which is enhanced by the different focal points of the subjects. The support and encouragement from the Programme Coordinator and my dissertation supervisor were second to none throughout my four years here. I am now undertaking a two-year curatorial fellowship and looking ahead to establishing my career in this field.

Diana Bamimeke, Graduate

CLASSICS, ART HISTORY & ARCHAEOLOGY

BA (Hons) (NFQ Level 8)

Why is this course for me?

You will study Classics, Art History and Archaeology in great detail. If you are interested in understanding the visual, material and textual remains of societies from prehistory to the present, this unique interdisciplinary course is for you. You will learn to evaluate and interpret evidence and to present your ideas, while developing a greater understanding of the ancient world and of how the past has shaped the present.

What will I study?

Classics is the study of the history, literature, and material culture of the Greek and Roman Mediterranean from the Bronze Age to Late Antiquity. It has inspired art, architecture, literature, politics, and science, and is central to understanding modern European society and thought. Art History allows us to see and think in-depth about our visual world, from the great artworks of different ages to contemporary culture. It includes studies of style, social context, and conceptual analysis. Archaeology is the investigation of societies through their material remains, from the distant past to the modern world. It enables us to trace the astonishing diversity of human culture, across the world and through time.

You will access the unparalleled resources of our Classical Museum, the Centre for Experimental Archaeology and Material Culture, and field trips to galleries, sites and museums.

First Year

You will take an interdisciplinary core module based in the UCD Classical Museum and choose from the full range of Classics, Art History and Archaeology modules, such as: Classical Greece • Lost Cities of the Ancient World • Classical Myth • Exploring Archaeology • Making the Past • Archaeology of Ireland • Art of the Renaissance • Art of the Ancient & Medieval • World Baroque to Romanticism • Baroque to Romanticism

Second Year

You will take an interdisciplinary core module based in UCD Special Collections and choose a range of modules across the three subjects, such as: Early Roman Empire • Greeks, Romans & Barbarians • Alexander & his Successors • Archaeological Science • Cultural Heritage • Archaeology of Landscapes • Early Islamic Art & Architecture • Perspectives on Irish Art • Digital Art

Third Year

Choose from a range of options that will broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and/or relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a dedicated range of Classics, Art History, and Archaeology modules or pick from other recommended subjects like philosophy, business, information studies and innovation

Fourth Year

You will take core modules Communicating Archaeology and Writings on Art, and will select from the full range of other Classics, Art History and Archaeology modules. You also have the option to produce a dissertation.

International Study Opportunities

Students will have access to EU and non-EU destinations through a suite of programmes including Erasmus, Erasmus+ and the study abroad and partnership arrangements that UCD has with universities across the globe.

Graduate Study

This course prepares students for graduate study in many areas including: Classics, Art History, Archaeology, History, Anthropology, Cultural Heritage, Education, Archives, Cultural Policy, Arts Management.

Graduates are also eligible for MLitt and PhD programmes in Classics, Art History, and Archaeology.

Careers

Graduates have specific skills that prepare them for careers in archaeology, museums, art galleries, cultural heritage and education, as well as transferable skills like communication and analysis that are valued across a range of sectors such as media, civil service, business, marketing, and research and development.

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **25**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

www.myucd.ie/caha
Dr Joanna Day
UCD School of Classics
+353 1 716 8476/joanna.day@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Classics, English & History 30
Art History 45
Classics 47

CLASSICS, ENGLISH & HISTORY

BA (Hons) (NFQ Level 8)

I always had a passion for English and History and was fascinated by the Classics curriculum of this course. I have been able to delve into each subject in depth and engage with interdisciplinary modules, analysing how each subject impacted the others. I have greatly improved my research abilities and analytical thinking skills as well as learning about a variety of topics from each area. I have been able to tailor my learning to focus on special areas and modules of interest. This has allowed my academic capabilities to flourish and expand beyond the topics on the core curriculum. I highly recommend studying at UCD because of the opportunities for academic, professional, and personal growth that I have experienced.

Zaragh Kavanagh, Graduate

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **35**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Do you want to develop a deep understanding of human experience in Europe and its neighbouring cultures from earliest times to the very present? Do you want to explore issues of memory, truth, curiosity and understanding that have fascinated people at all times and in all places? This course will bring students to the heart of vital questions about society, history, culture and life itself, and deep into the array of texts that are the result of millennia of lives lived.

What will I study?

Students will not only encounter written words but gain key skills in interpreting evidence of every kind – material, oral, visual and aural – through dynamic lectures and small group tuition. Key modules from the three subjects of Classics, English and History will be consolidated by small-group tuition in cross-disciplinary modules on issues such as cultural transmission, intertextuality, the history of ideas and political thought.

First Year

You will take a dedicated inter-disciplinary module, Interpreting Evidence, and you will choose from the full range of modules in Classics, English and History, including:

Classical Greece • Age of Augustus • War & the Hero (Homer and Virgil) • Classical Myth • Contemporary Irish Writing • Literary Genre • How to Read Poetry • Writing the Body • Critical Reading/Creative Writing • Modern Europe • Modern Ireland • Rome to Renaissance

Second Year

You will take an interdisciplinary core module based in UCD Special Collections and choose from the full range of modules in Classics, English & History, including: Alexander the Great • Greek Tragedy • Heracles the Hero • Greeks, Romans & Barbarians • The Oedipus Myth • Pompeii • Eating & Drinking in Antiquity • Magic in the Ancient World • Reading Medieval Literature • Irish Literature in English • Modern American Literature • Renaissance Literature • Romanticism • Victorian to Modern Literature • Twentieth-Century Drama • History Today • European Statecraft & Strategy • Islam & Christianity • Northern Ireland • Early Modern Europe

Third Year

You will choose from a range of options that will enable you to broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and/or relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a dedicated range of Classics, English and History modules.

Fourth Year

Undertake a research dissertation drawing on the disciplines studied and choose from a range of modules including: Modern Japan • Civil Wars in Europe – Spectacle & the Modern World • Making Shakespeare • Apocalypse Then: Old English Literature • Magic in the Ancient World • Pompeii

International Study Opportunities

Students will have access to both EU and non-EU destinations through a suite of programmes including Erasmus, Erasmus+ and the study abroad and partnership arrangements that UCD has with universities across the globe.

Graduate Study

This course prepares students for graduate study in many areas, including: Classics, English, History, Film, Drama, Media Studies, Cultural Studies, Education, Archives.

Graduates are also eligible for MLitt and PhD programmes in Classics, English and History.

Careers

A strong focus on the fluent articulation and analysis of ideas means students on this course will gain numerous transferable skills that are highly valued by employers. These can be applied to a wide range of industries including: business, arts and heritage, civil service and the media.

Other Courses of Interest:

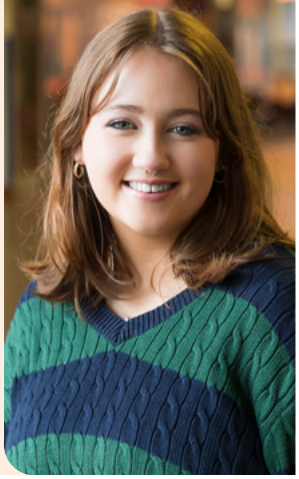
Classics, Art History & Archaeology 29
Classics 47
English 49

LEARN MORE

www.myucd.ie/ceh
UCD School of History
+353 1 716 8375
edward.coleman@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

This course combines many subjects and a wide range of topics that I knew I would find interesting. Through a combination of theoretical and practical coursework I learned about social media, business, management, theatre, film, music, information science and even video games. We have a module entitled "Meet the Makers" where we had the opportunity to interview and speak to people working in the arts sector. I have enjoyed my course so far and have made excellent friends who I am certain will remain in my life forever. This course has allowed me to express my creativity and articulate my unique voice. The focus on innovation and entrepreneurship really empowers students to create and develop ideas that will shape the future of the creative industries.

Olwyn Quill, Student



CREATIVE & CULTURAL INDUSTRIES

BA (Hons) (NFQ Level 8)

Why is this course for me?

If you are interested in the performing arts, television and film, fashion, music, festivals, media, visual arts and museums, or aspire to work creatively in business, the public sector, and digital technology, this course is for you! Combining project-based work with high-level career mentorship, this new four-year course prepares students for careers in the cultural and creative industries.

What will I study?

You will also develop a subject specialism in one of six areas: art history and visual culture; English and creative writing; Irish and folklore; music performance and production; media and comms; stage and screen. You will be building a bespoke course, adding modules in IT and business.

First Year

Modules in management, digital/information technology and diverse art practices focus on how culture moves from 'page-to-stage' and beyond, including: Managing Culture 1: The Landscape of Cultural Work • Introduction to the Business of Culture • Meet the Makers/ Industry • Information, Society & Culture • Info & Social Media • Music, Film & Drama: Making, Doing, Interpreting

Second Year

You will begin to hone your individual subject specialism through option modules, whilst also picking up core modules including: Managing Culture 2 • Working with People • Law & the Arts: Copyright, Intellectual Property & Employment Law • Introduction to Digital Media Production • Producing Music, Film & Drama • Social Studies of ICT • Social Media & Participation

Third Year

You will choose from a range of options that will enable you to broaden your horizons and enrich your academic experience; apply for a competitive internship in an area that interests you and/or relates to your area of study; study abroad for a trimester/year to develop your language skills and/or immerse yourself in a new culture; deepen your knowledge by studying a selected range of modules from arts and humanities, information and communication studies, and business.

Fourth Year

Final year students undertake a year- long creative project that culminates in a showcase exhibition and presentation, evaluated by a panel of industry experts. A second core module – Managing Culture 3: Minding Your Own Business – introduces students to the nuances of pricing/costing work and promoting yourself as a creative or cultural professional.

International Study Opportunities

We offer a range of Erasmus and study abroad opportunities at UCD's partner universities in Europe and around the world.

Graduate Study

This course prepares students for postgraduate study in a wide diversity of fields, including media studies, ICT, business, cultural studies, cultural policy and arts management. It also deepens artform knowledge in visual culture, music, film, design and fashion.

Careers

Building skills in teamwork, negotiation and collaboration, graduates emerge from this degree with an academic qualification, portfolio of project work and demonstrable management and production skills – highly desirable attributes for careers in the creative and cultural industries.

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **31**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

This course is part-funded by the Creative Futures Academy.

CFA Creative Futures Academy

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LEARN MORE

Other Courses of Interest:

ENGLISH, DRAMA & FILM

BA (Hons) (NFQ Level 8)

Having always loved reading, performing, and watching films, when I read about this course and subsequently visited the UCD campus, I knew English, Drama & Film was for me. I was delighted. To sum it up, what I love most is the wide range of modules the course offers. You get to explore so many pieces of literature and genres of film, meet and listen to directors and screenwriters and read and watch some incredible performances. In doing the course, I have gained a new perspective and would highly recommend it to anyone looking to further educate themselves on various form of the arts.

Ailís Cherry-Kinito, Student

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **35**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Study English, Drama and Film if you want to become a critical and creative thinker. Refine your critical engagement with a wide variety of texts and cultures, in different genres and media, and across different historical locations. Consider in great depth the role of cultural representation across a diverse range of genres, forms and time periods. Choose this course if you are interested in the relationships between literature, drama and film.

What will I study?

You will study theories, histories, forms and genres of literature, drama, film and media culture from the medieval period to the contemporary moment. There is a wide range of modules available to you from across all three subject areas – English, Drama, and Film – allowing you to find and follow your own interests through the course. In addition, there are dedicated transdisciplinary modules that focus specifically on the intersections between film, literature, drama, and media texts and cultures. You will develop your critical skills via a range of teaching modes (lecture, tutorial, seminar, research supervision), through collaborative and peer learning, and independent, self- directed scholarship.

First Year

Page, Stage, Screen • Reading World Literature • Literature & Crisis • Theatre Context & Conventions • The Theatrical Event • Introduction to Film & Media (including case studies in digital innovation, film, television and other media forms)

Second Year

You will take a core module on Creativity & Creative Practice and choose from a range of modules including: Critical Theory • Reading Medieval Literature • Renaissance Literature • Romantic Literature • Action Adventure Cinema • Staging Performance • Contemporary Ireland on Stage • From Victorian to Modern • Modern Drama • Horror Cinema • Documentary & Social Change • TV History • Irish Film & TV • Global Bollywood

Third Year

You will choose from a range of options that will enable you to broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and/or relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a dedicated range of English, Drama and Film modules, including: Fin-de-Siècle • Making Shakespeare • Contemporary Historical Novel • Contemporary Theatre & Performance • Staging Texts • Animation • Medieval Celluloid • The Modern City in Literature • Performance in Everyday Life

Fourth Year

Revolutions in Twentieth Century World Theatres • Alternative Cinemas • Feminist Media Studies • Cinema & the City • Wellness & Happiness Media • Global Science Fiction • The Irish Gothic • Dissertation

International Study Opportunities

We offer a number of Erasmus and Study Abroad opportunities that include leading universities in Europe – Freiburg, Paris, Turin, Verona, Amsterdam, Coimbra and Barcelona – as well as in Canada, USA and New Zealand.

Graduate Study

Graduates are prepared for a wide range of MA, MPhil and PhD courses within the UCD School of English, Drama & Film. See www.ucd.ie/englishdramafilm/study/postgraduate for more details.

Careers

Graduates work across a wide spectrum of areas such as journalism, broadcasting, cultural agencies and industries, research and administration, education, advertising and public relations.

Other Courses of Interest:

Music, Film & Drama	41
Drama Studies	48
English	49
Film Studies	50

LEARN MORE

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stacy.grouden@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I chose English with Creative Writing because I loved English as a subject in my Leaving Certificate. After reading what the course allowed me to do, it felt like the right choice. You have amazing creative freedom in every class. I was able to improve my writing year on year as well as focus on the areas of writing that I specifically enjoy. I have met amazing people, and the schedule gives me time to work on my own projects and enjoy college life. If you enjoy writing, this course can help you take that to a professional level. There is a lot of opportunity if you look for it: beyond classes, there is many societies and writing-based events that are worth going to. Right now, I am writing a poetry collection as my final project. How can you complain about that?

Rory Galvin, Student

ENGLISH WITH CREATIVE WRITING

BA (Hons) (NFQ Level 8)

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **64**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

If your interest in literature extends to an ambition to write creatively, this course will support that ambition through classes, workshops and seminars dedicated to the development of your creative talent. In the final year, you will work on – and complete to a high standard – a substantial writing project. In the final year, you will have the option to work on, and complete to a high standard, a substantial writing project in the field of either Creative Writing or English Literature. To help you reach this standard, you will be advised and directed by one of the supervisors on the Creative Writing or English Team.

What will I study?

You will study the work of a wide range of writers, focusing on how they create their works. You will learn how characters are constructed, how to handle dialogue, how to manage time and sequencing, and many other elements about the craft of writing that will greatly enhance your own skill. You will be introduced to contemporary developments in literature by considering the work of a number of Irish and international writers, who will guest lecture and provide valuable insight into the writing process.

First Year

Modules include: Creative Writing 1 & 2 • How to Read Poetry • Reading World Literature • Literature & Crisis • Contemporary Irish Writing • Literary Genre

As well as a range of English with Creative Writing modules, students will benefit from an additional subject stream. Options include: Drama Studies • Film Studies • French • German Beginners • German Non-Beginners • Greek & Roman Civilisation • History • Irish Studies • Music • Spanish Beginners • Spanish Non-Beginners

Second Year

Modules include: Intermediate Creative Writing 1 & 2 • Critical Theory • Medieval Literature • Irish Literature in English • Renaissance Literature • Romanticism • Victorian to Modern Literature • Modern American Literature • UCD Special Collections: Archival Research Methods

Third Year

You will choose from a range of options that will enable you to broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and/or relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a range of Creative Writing modules including: Poetry Workshop • Fiction Workshop • Creative Non-Fiction Workshop • Literary Editorship • Writing the Environment
- Students will also choose from a wide range of specialist English modules such as Making Shakespeare • Gender & Sexuality in the 18th Century • Jane Austen & her Peers • Yeats • Reading Ulysses • Reading Beckett • The Theatre of Martin McDonagh

Fourth Year

In addition to a 10,000-word Creative Writing or English Literature dissertation, students will choose from a wide range of advanced English modules, including: Contemporary Historical Fiction • Detecting Fictions • Contemporary Irish Writing • Memory & the Irish Stage • Contemporary Irish Women's Poetry • Modern American Poetry & Poetics. Students will also partake in advanced Creative Writing Workshops.

International Study Opportunities

Students can study in various EU and non-EU destinations through the Erasmus and Study Abroad programmes, in partnership arrangements between UCD and universities across the world.

Graduate Study

UCD English, Drama and Film offers a wide range of postgraduate courses, including the MA and MFA in Creative Writing. See **www.ucd.ie/englishdramafilm/study/postgraduate** for more details.

Careers

Writer, editor, literary agents and critics, content creator, copywriters, broadcaster/journalist, public relations, business, law, politics, teaching, management consultancy, humanities research and many others.

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LEARN MORE

Other Courses of Interest:

English, Drama & Film 32
English Literature 34
English 49

ENGLISH LITERATURE

BA (Hons) (NFQ Level 8)

Aside from the general fun to be had in college, and in UCD probably more so than others, the inherent value of literature is what drew me to this course. It forces you to use your own imagination, in conjunction with someone else's to create real beauty and feelings out of thin air. New ideas and ways to think about literature have certainly been supplied to me here. Furthermore, literature is about life, and learning to think and write about human beings and the things they deal with. Humans are the only thing that really matters in this world and everyone irrespective of their future career will be enriched by doing this course. The skills I am acquiring make me not just a better worker but more importantly, a better person.

Harry Melessanakis, Student

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **22**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Are you an enthusiastic reader and writer who wants to immerse yourself in literature ranging from Old English to new writing being published today? Do you want to explore the radical potential of novels, plays and poems? Would you like to analyse literary concepts and forms deeply, to creatively connect ideas across a wide range of cultures, periods, genres and media, and to develop your critical thinking and analytical skills to an advanced level? Would you like to study with world-class researchers and teachers, and develop your own unique research project? If so, the BA Humanities in English Literature is for you.

What will I study?

You will study texts ranging from the Old English, medieval and early modern periods to the twenty-first century. You will explore writing that extends across national boundaries, from British and Irish to American and World Literature, covering multiple genres. You will explore literary production, value and impact – how fiction, poetry and drama are inspired, shaped, released and received in particular historical and cultural contexts. You will learn how the meanings of literary texts change and renew across time and space.

First Year

Modules include: Reading World Literature • Literature & Crisis • Contemporary Irish Writing • Literary Genre • How to Read Poetry • Comics & Fantasy

Second Year

You will take an interdisciplinary core module based in UCD Special Collections archives and choose from other modules including: Critical Theory • Reading Medieval Literature • Reading Old English • Spenser in Ireland • Irish Literature in English • Modern American Literature • Renaissance Literature • Romanticism • Victorian to Modern Literature • Modern Drama

Third Year

You will choose from a range of options that will broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and/or relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a dedicated range of English Literature modules in different literary fields, including: Literature & Science • Architecture & Narrative • Yeats & the Arts • Theatres of Change • Global Science Fiction • Masculinities & Manhood • Contemporary Irish Women's Poetry • Global Eco-Literature • Making Shakespeare • and others.

Fourth Year

Modules include: Dissertation • World Literature in English • Advanced Medieval Literature • Plus specialised option modules on: Austen • Shakespeare • Joyce • McDonagh • Heaney • Chaucer • Synge • McPherson • Talking Animals • the Crime Novel • Post-War US Theatre • Canadian Fiction • and many others.

International Study Opportunities

We offer a number of Erasmus and Study Abroad opportunities, including at: Albert-Ludwigs-Universität, Freiburg, Germany; Université Sorbonne (Paris IV), France; University of Turin, Italy; University of Verona, Italy; University of Amsterdam, the Netherlands; University of Coimbra, Portugal; and many more.

Graduate Study

Graduates are prepared for the wide range of MA Programmes in the UCD School of English, Drama and Film, as well as opportunities for MPhil and PhD study. See **www.ucd.ie/englishdramafilm/study/postgraduate** for more details.

Careers

Journalism, Arts Management, Public Relations, Business and Finance, Publishing, Law, Politics, Policymaking, Teaching, Heritage, Management Consultancy, Tourism, Marketing, Humanities Research, and other areas.

Other Courses of Interest:

English, Drama & Film 32
English with Creative Writing 33
English 49

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This broad and interesting course has allowed me to combine German with European history, giving me a comprehensive education of Europe. There is a very wide range of modules to choose from and you really have the opportunity to shape your degree around your interests. In first year I studied both ancient historical periods such as the Viking Age and Classical Greece as well as more recent periods such as World War One and the Cold War. I have also been able to broaden my degree by taking modules in political science and linguistics. As I am particularly interested in German I had the chance to study things such as German literature and history on screen which has greatly complimented my learning of the language.

Tadhg O'Muircheartaigh, Student

EUROPEAN STUDIES

BA (Hons) (NFQ Level 8)

Why is this course for me?

European Studies is an exciting and challenging programme, taught by some of Ireland's leading academics. Transnational and interdisciplinary in perspective, the course is designed to inspire in-depth exploration of the rich and varied cultures and histories of Europe. This course will equip students with valued skills in research, communication and language.

What will I study?

European Studies examines the significance of Europe through history, languages, literatures and cultures, focusing on processes of change, including migration, war and integration. Students study one language: French, German, Italian or Spanish, and will develop their language skills and spend at least one trimester at a partner European university in their third year.

First Year

Modules include: Approaches to European Studies • Modern Europe • Rome to Renaissance: Medieval Europe • German History on Screen • Renaissance Italy • French Fictions • Language modules

Second Year

Modules include: Discourses of Freedom • Islam & Christianity • Early Modern Europe • The Cinema of Almodovar • The Enlightenment: An Introduction • Post-War: Europe since 1945 • Radical Thinkers • Intercultural Communication • Language modules

Third Year & Fourth Year

In your third year, you will study abroad for a trimester or year to develop your language skills and immerse yourself in a new culture. If you study abroad for one trimester, the other trimester will be spent exploring a range of options offered by UCD that will enable you to broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and relates to your area of study
- Deepen your knowledge by studying a dedicated range of European Studies modules

Modules include: Transcultural Encounters • Weaponizing the Word: Media & Conflict in Pre-Industrial Europe • Italian Women Writers • Venice in the European Imagination • Versailles: Power, Politics & Spectacle • The First World War • Genocide & Mass Violence • Language modules

Your fourth year will be spent at UCD, where you will complete a dissertation on an independently developed topic and continue studying modules in history and your chosen language. International Study Opportunities: Students will spend part of their third year abroad with opportunities available in universities across Europe.

International Study Opportunities

Students will spend part of their third year abroad with opportunities available in universities across Europe.

Graduate Study

Graduates are prepared for a wide range of taught MA Programmes in the fields of Arts and Humanities, such as: MA in European History, MA in Modern Languages, MA in Linguistics & Applied Linguistics, MA in Public History, MA in International War Studies, MA in Cultural Policy & Arts Management. In turn, these degrees prepare graduates for PhD study. See **www.ucd.ie/graduatestudies**

Careers

Diplomatic Service, NGOs, Business Consultancy, Policy Analyst, European Commission, International Agencies including UN, IMF, Human Rights Organisations, Think Tanks, Speech-Writing, Broadcasting and Journalism, Public Relations, Marketing, the Arts, Research and Education, Translating and Interpreting.

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **14**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

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+353 1 716 8375
history@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

GLOBAL STUDIES

BA (Hons) (NFQ Level 8)

This degree allows you to explore new languages and cultures. From scratch you can choose to study new languages that are widely used in all continents of the world, such as Arabic, Portuguese, Japanese, and Swahilii. The study abroad opportunities in third year allow you to fully experience the application of these languages and culture. In addition to language studies, Global Studies introduces you to an exciting and unique range of global literature and history modules. This brings together a new and radical perspectives from across the world. Overall if you are looking to widen your horizon for the world, this is definitely a good fit!

Raphael Kam, Student

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **19**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
In order to study French, we strongly recommend that students have a H4 or higher at Leaving Certificate level.

Why is this course for me?

Global Studies invites students to ask how a deeply connected world has come into being, why barriers and divisions remain and how 'local' relates to 'global'. We ask how people experience and make sense of globalisation, as an opportunity, challenge and threat. We analyse the impact people have on the global environment. We give students the skills, historical background, cultural context, and linguistic knowledge, to live and work in globally connected societies. This is the only undergraduate Global Studies degree available in Ireland.

What will I study?

Global Studies examines major issues shaping the world, including: the environment, imperialism, capitalism and public health, through history, film, drama, culture and language modules. Students will explore a new language: Arabic, Chinese, French, Japanese, Portuguese, Russian, Spanish or Swahili – and will spend at least one trimester studying abroad.

First Year

Modules include: From Micro to Global • Radicals & Revolutionaries • US History, 1776-1991 • Reading World Literatures • Media & Globalisation • Hispanic Cultures & Societies • Language modules

Second Year

Modules include: A History of Anti-Immigration • Islam and Christianity • Sustainable Development Goals • International Relations • Modern Migration • Modern American Literature • Global Asia • Global Bollywood • Intercultural Communication • Language modules

Third Year & Fourth Year

In your third year, you will study abroad for a trimester or year to develop your language skills and immerse yourself in a new culture. If you study abroad for one trimester, the other trimester will be spent exploring a range of options offered by UCD that will enable you to broaden your horizons and enrich your academic experience:

• Apply for a competitive internship in an area that interests you and relates to your area of study

• Deepen your knowledge by studying a dedicated range of Global Studies modules.

Modules include: Genocide & Mass Violence • Slavery & the New World • US Pivots to Asia, 1890s-1950s • Global Eco Literature • Global Science Fiction • Global Development Goals • Language modules

Your fourth year will be spent at UCD, where you will complete a dissertation on an independently developed topic and continue deepening your knowledge in a range of Global Studies modules.

International Study Opportunities

Students will spend part of their third year abroad with opportunities available in universities across across the globe, in Asia, Australia, Latin America and the Middle East.

Graduate Study

Graduates are prepared for a wide range of taught MA Programmes in the fields of Arts and Humanities such as: MA in Global History, MA in International War Studies, MA in Environmental Humanities, MA in European History, MA in Modern Languages, MA in Linguistics & Applied Linguistics, MA in Public History, MA in Cultural Policy & Arts Management. In turn, these degrees prepare graduates for PhD study.
See **www.ucd.ie/graduatestudies**

Careers

Business Consultancy, Diplomatic Service, European Commission, Journalism, Marketing, NGOs, Policy Analyst, Public Relations, Radio/TV Producer

Other Courses of Interest:

LEARN MORE

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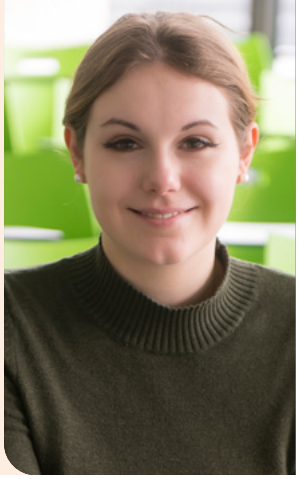
The reason I chose to study History at UCD is because of the university's diversity. UCD is Ireland's global university with the largest student body, which is something the School of History really reflects. You can study such a wide variety of historical topics that there is absolutely something for everyone here. It never feels intimidating. You don't really get overwhelmed with the course, and if you do, there is always someone to help you. That is what I love most about the School of History but also UCD at large, everybody is always looking out for you. Studying History at UCD has encouraged me to pursue my interest in different historical periods. This course has inspired me to be more curious about the world we live in and to search for global connections.

Lilly Schroyen, Student



HISTORY

BA (Hons) (NFQ Level 8) – DN520
BA (Hons) (NFQ Level 8) – DN530
BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

History is the pursuit of how we got here and the stories that we tell ourselves to explain the past. We explore histories of race, class, gender, migration, capital, medicine, violence, religion and environment within the dynamics of an ever-changing world. Working from ordinary to extraordinary, local to global, fact to fiction, you will develop critical thinking, argument and analysis skills that lie at the heart of careers in media, government, culture and education.

What will I study?

Irish, European and Global History from the medieval to the modern era. You will engage with different aspects of History – political, cultural, social, economic. You will explore questions and problems, develop your critical thinking skills and your ability to express ideas and arguments.

Joint Honours (DN520)

Students who take History as a Joint-Honours, three-year degree will study History in combination with one other major subject, selected from the range listed in the grid on page 44. Explore the past, examine a wide range of periods and topics from around the globe and study the different ways that the past can be understood.

DN530 Humanities

If you take History as a single subject, you will study the modules listed by year. You will also undertake intensive training on research methods, and historiography across the four years. Single Major History students also have the opportunity to apply for an internship in third year and study abroad. In fourth year, you write a dissertation and design your own research programme, under supervision. In addition, you will participate in a dedicated research skills workshop and organise an end of year conference showcase.

First Year

Students can choose from a broad range of modules including: Rome to Renaissance • The United States from 1776 • Radicals & Revolutionaries in Global History • Ireland's English Centuries • Modern Ireland 1800-2000 • Modern Europe 1500-2000. In first year, you will also take the Creating History module, where you study in a small group with a historian to develop essential critical research and analytical skills.

Second Year

In second year, you begin to specialise in the areas of History that you are most interested in, focusing on particular countries, themes, and periods. Modules include: History Today • Islam & Christianity • Nazi Germany • A History of Anti-Immigration • Living, Loving & Dying in 19th Century Ireland · Global Asia

Third Year

You deepen your historical interests through our small-group, specialised research-based courses. In weekly two-hour seminars, you will engage in primary source research, deliver class presentations and write your own research project. You also have the option of studying abroad.

Modules include: Genocide & Mass Violence • Central Asia, Tsars to Stalin •Modern Japan · Slavery & the New World • The Irish Revolution • Manufacturing Truth •Biography & History • Madness & Civilisation • Sexuality and society in the Middle Ages

International Study Opportunities

Students can study at partner institutions across Europe, Asia, North America, and Australia. We recommend that students take the opportunity when studying abroad to develop their language skills.

Graduate Study

You can continue to study History at Postgraduate or PhD level, or use your History degree to progress to a wide range of prestigious postgraduate conversion courses.

Careers

History prepares students for a wide range of careers including journalism, business, law, the civil service, diplomacy, NGOs, social media, and teaching.

Other Courses of Interest:

Classics, English & History	30
History	37
History & Politics	38

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LEARN MORE

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **174**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying History as a joint major with:
Archaeology • Art History • Celtic Civilisation • Drama Studies • English • Film Studies • French Geography • German • Greek & Roman Civilization • Irish Folkore • Irish Studies • Irish/Gaeilge • Italian Latin • Linguistics • Mathematics • Portuguese • Philosophy • Sociology • Spanish

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **15**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Entry Routes Same as above

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **8**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes Same as above

History can also be studied as a Major with Economics and as a Minor with Geography.

HISTORY & POLITICS

BA (Hons) (NFQ Level 8)

Here at UCD I get the chance to study two subjects I enjoy in Ireland's historical and political capital, learning directly from leading academics in both fields. If you have an interest in History, Politics or International Relations you should apply. Core modules lay down the necessary foundations for further studies. You can also choose option modules pertaining to your interests. In third year you can opt for an internship or study abroad and carry out a dissertation in your final year. This course equips students with invaluable skills and knowledge. I have met so many amazing people. I thoroughly enjoyed my Erasmus year in Paris and my involvement in student societies. I have been inspired to challenge myself and it has been extremely rewarding!

Lauren Maunsell, Student

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **60**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

History and Politics is a classic combination of subjects for students looking to investigate the workings of government and society in contemporary and historical perspectives.

You will examine why society has changed and seek to understand the issues facing societies across the globe today. Through both subjects, the course will teach you the essential skills of writing, critical thinking, evaluating evidence, and assessing data.

This course offers excellent interdisciplinary preparation by combining historical research with political science.

What will I study?

You will study Irish, European and world history, engaging with political, cultural, social and economic aspects of history, and investigating historical change from the impact of ideas to the role of class, gender and race. You will also study methods and theories in political science, including international relations and development, while covering a range of areas such as political conflict, sustainability, human rights, political systems and political economy.

First Year

The core first year module is an interdisciplinary module fusing historical and political science approaches to a chosen case study. You will take foundational courses in both History and Politics.

First year modules allow you to explore both your chosen subjects widely. In Politics, you will get an opportunity to study contemporary politics, political research, political theory and international relations. History modules range from the medieval to modern and allow you to study Irish, European and global history. This broad approach allows you to explore the full breadth of your subjects and will assist you in specialisation and subject choices in subsequent degree years.

Second Year

In your second year, you will begin to deepen your knowledge by taking core and elective modules in History and Politics. In History, these modules will allow you to focus on particular countries, themes and periods, alongside the core module History Today.

In Politics, you will study modules ranging from international relations to political theory and research methods module.

Third Year

You will choose from a range of options that will enable you to broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and/or relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a dedicated range of History and Politics modules

Fourth Year

Students take option modules in both subjects in fourth year. The culmination of the course is a capstone project, where eligible students can choose to work closely with a supervisor to complete a dissertation in history, politics or an interdisciplinary mix of both.

International Study Opportunities

Students may apply for study abroad opportunities in universities across Europe and worldwide. Both subjects have a network of exchange agreements with partner Universities including: France, Norway, Belgium, Sweden, Germany, United States, Italy.

Graduate Study

Graduates are eligible to apply for UCD MA and MSc programmes in either History or Politics and International Relations.
For more information see **www.ucd.ie/graduatestudies**.

Careers

Graduates of History and Politics have key skills in research, analysis and communication that are highly valued by employers.
History & Politics graduates work across: International Organisations, Broadcasting and Journalism, Business, Civil Service, Law, NGOs, Publishing, Public Relations, Politics, Research, Education, Marketing, Policymaking, Tourism, Heritage.

Other Courses of Interest:

History	37
Politics & International Relations	72
Law with History	96

LEARN MORE

www.myucd.ie/history-politics
UCD School of History
+353 1 716 8375
history@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Choosing Irish Studies was one of the best decisions I have made in UCD. The core lectures encourage students to apply critical analysis to what makes Ireland the country it is today. In addition, through the range of option modules, I have also gained a deeper understanding of the complexities and nuances of Irish culture, history and society. I highly recommend choosing Irish Studies.

Declan Nugent, Student

IRISH STUDIES

BA (Hons) (NFQ Level 8) – DN520
BA (Hons) (NFQ Level 8) – DN530

Why is this course for me?

Irish Studies is an interdisciplinary course that examines the variety and diversity of Irish history, society, cultural practice and the complex processes through which Ireland and Irish identities have been constructed.

It asks a series of provocative and stimulating questions about ideas of Ireland and Irishness, such as how can we understand the ways in which place, history, culture and society have shaped Ireland, past and present? How do processes of emigration and immigration impact on Irish culture, society and identity? What influence have identity categories such as gender, sexuality, ethnicity and class had on Irish culture, society and identities? Students who take Irish Studies as a Joint Honours three-year degree can combine Irish Studies with 14 different subjects (see side panel).

What will I study?

Students take core Irish Studies modules, alongside option modules from other Arts & Humanities and Social Sciences subject areas, including Irish, Folklore, Celtic Civilisation, Archaeology, Art History, English, Geography, History, Music and Sociology.

First Year

First year modules introduce students to key areas in Irish Studies. Modules include: Introduction to Irish Studies • Introduction to Irish Cultural Studies • Folklore & the Imagination • Dublin: Its Museums & Collections.

Second & Final Year

Reading Irish Studies • Place, People & Identities • Irish Literature in English • Irish Studies Research Skills • The Forgotten Irish • Heritage Management • Gender, Culture & Society • Kings & Heroes of Early Ireland • Yeats & the Arts • Myth & Tradition • Collectors of Song & Music • Material Culture • Poets, Power & Performance • Reading the Irish Revival • Music in Ireland • Georgian Dublin • Irish Foreign Policy, 1919-73

Third Year

Students attend lectures and seminars each week, as well as engaging in active learning in museums, archives and cultural sites, both on and off campus.

Assessment is through a combination of written examinations and continuous assessment, including essays, portfolios, online tasks, presentations and independent research projects. Students who take Irish Studies as a Humanities subject can apply for an internship and/or study abroad.

International Study Opportunities

Exchange opportunities available to third year students include:

- Edinburgh University, UK
- Glasgow University, UK
- University of Toronto, Canada
- University of Otago, New Zealand
- Concordia University, Canada

Irish Studies is a growing discipline, offering other possible international study opportunities in the US, Canada, UK, China, Australia, Europe and South Africa.

Graduate Study

Graduates are prepared to pursue MA and Diploma courses offered by the UCD School of Irish, Celtic Studies & Folklore including the MA Irish Studies and the MA Irish Folklore & Ethnology. Graduates may also pursue MLitt and PhD studies specialising in one of the many areas of the subject.

Careers

Irish Studies graduates develop key skills such as research, critical thinking and writing, that have diverse applications and can lead to employment opportunities in: Journalism and the Media, Tourism, Heritage, Advertising, Business, the Arts, Public Relations, Public Service and Politics.

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **25**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Irish Studies as a joint major with:
Art History • History • Celtic Civilisation • Irish/Gaeilge • Drama Studies • Irish Folklore • English • Italian • Film Studies • Linguistics • French • Music • Portuguese • Greek • Greek & Roman Civilisation

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Entry Routes
Same as above

Other Courses of Interest:

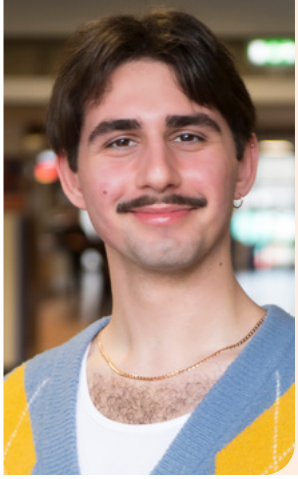
History	37
Celtic Civilization	46
Irish Folklore	54

www.myucd.ie/irish-studies
UCD School of Irish, Celtic Studies and Folklore
+353 1 716 8385
bairbre.nichonchuir@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

LANGUAGES, LINGUISTICS & CULTURES

BA (Hons) (NFQ Level 8)



This course is ideal for those interested in multiple areas of arts and humanities, as it offers a broad and diverse range of modules. Every LLC student gets the opportunity to study a range of different linguistic, cultural studies and literature modules. Students also get to specialise in certain areas and acquire a new language. In addition to gaining expert subject knowledge, this course has also encouraged me to read and research more in my quest for deeper knowledge and answers to questions raised during the lectures. I have truly enjoyed my first two years of study and I am considering continuing with Linguistics as a potential area for my Masters and for my career in the longer term.

Nikita Rezenovs, Student

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **14**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

This course is designed for students who are seeking a high level of language and intercultural competency by developing effective communication and analytical skills. The course takes a holistic approach to language by fostering linguistics alongside literary and cultural approaches, as well as practical and career-oriented modules. Students can choose from Irish, French, German, Italian, Spanish, Latin and Ancient Greek. Modules are also available in Portuguese and Welsh.

What will I study?

You will focus on specific oral and written language skills and critical intercultural and interdisciplinary skills. The course enables you to explore modern and ancient languages and cultures.

Learning activities critically explore communicative practices and you will engage with a variety of approaches to language including approaches based on literary, linguistic, historic and cultural studies. The course fosters a wide range of transferable skills, including active communications skills, academic writing, speaking and presentation skills, project work and critical analysis skills.

First Year

All students take an interdisciplinary module: Introduction to Languages, Linguistics and Cultures. They will also take three modules in the language of their choice, three modules in Linguistics and further modules in cultures and literatures. Students may also choose modules from within a second language.

Second Year

Students study their chosen language at intermediate level and continue with their studies in linguistics. They will also study culture and literature.

Third Year

You will choose from a range of options that will enable you to broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and/or relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a range of modules in Languages, Linguistics, Cultures, Information and Communication, and by taking dedicated modules to develop practical skills and help you plan your future professional career

Fourth Year

Students will study advanced modules in their chosen language and in linguistics. They will also choose from a range of in-course options in culture and literature.

International Study Opportunities

Study abroad opportunities across Europe and worldwide:

- Austria
- Germany
- France (including overseas regions)
- Spain
- Latin America (including Brazil)
- Italy
- Croatia
- UK
- North America
- South Africa
- Iceland

Graduate Study

Graduates are eligible for taught masters courses in a variety of fields including Languages and Linguistics. In addition, graduates are prepared for MLitt and PhD programmes.

Careers

This course prepares students for a variety of career paths, including: Education, Media, Translation, Public Service, Cultural Institutions, Research, Editing and Publishing, and a wide range of private sector employment opportunities that require intercultural competences. With regard to the Irish language, one of the main aspects of this course is to address the status of Irish as a modern working language in the European Union.

Other Courses of Interest:

Modern Languages 43
Linguistics 56

LEARN MORE

www.myucd.ie/llc
Melanie Pape
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This is a perfect way to develop and find skills in modern arts studying three subjects in an equal capacity. I have been able to take some incredible classes and work with a wide variety of people. The course options are flexible, allowing you to study topics you are genuinely passionate about. The team of lecturers and tutors I have been lucky enough to collaborate with and learn from are incredibly experienced and dedicated to their work, making studying under them a pleasure. The people you meet in classes are like-minded students who, like me, are trying to grow their knowledge and skill set in their personal and professional lives. I have made lifelong friends and acquired skills that I will take with me throughout my career.

Eli Young, Student

MUSIC, FILM & DRAMA

BA (Hons) (NFQ Level 8)

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **13**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
In order to study Music, we strongly recommend that you achieve a H4 in Leaving Certificate Music or the equivalent of Grade V ABRSM Music Theory

Why is this course for me?

Music, Film and Drama are art forms that speak to the very core of human experience; they impact our lives every day. This 4-year course allows students to immerse themselves in the close study of these forms, to understand them from cultural and historical perspectives, and to explore the ways in which they influence and transform each other.

Learn how to understand the inner workings of these art forms. Deepen your knowledge of their historical development. Research and write about the important place of these arts in society.

What will I study?

The first year of the course builds students' vocabulary and fluency in key analytical techniques and introduces students to the cultural and historical contexts of Music, Film and Drama. Second year modules broaden the scope of inquiry, moving from central texts and practices to the representation of lesser-known voices and issues. In your third and fourth years of the course, you will forge your own path, taking modules that focus on specific genres and/or issues in these art forms. You can also choose to incorporate a one-trimester humanities internship or study abroad. In the final year, students will work on a major dissertation that will allow them to complete a research project on a topic of their choice, working one-on-one with an expert in their field.

First Year

Composition, Performance & Reception • Intro to Physical Theatre • Musicianship • The Theatrical Event • Introduction to Film & Media (including case studies in digital innovation, film, television and other media forms) • Music, Culture & Society • Theatre Context & Conventions • Performance Electives

Second Year

Producing Music, Film & Drama • Popular Music & Culture • Staging Performance • Documentary & Ethnography • Music History Since 1750 • History of TV • Irish Theatre • Action Adventure Cinema • Musics of the World • Performance Electives • UCD Special Collections: Archival Research Methods

Third Year

You will choose from a range of options that will enable you to broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a dedicated range of Music, Film and Drama modules, including: The Symphony & European Culture • Contemporary Alternative Cinema • Staging Texts • Educational Drama & Augusto Boal • Topics in Ethnomusicology • Contemporary Theatre in Performance • Performance Electives

Fourth Year

Dissertation • The Oedipus Myth • Modernism & Avant-Garde • Screen Comedy • Music & Film • Revolutions in 20th Century World Theatre • Animation • The Orchestra • Beckett in Performance • Melodrama in Film & Theatre • Performance Electives

International Study Opportunities

Exchange partners include universities in France, Italy, Spain, Canada, Japan, USA, Australia.

Graduate Study

In addition to MLitt and PhD programmes in Music, Drama and Film, UCD offers the following taught graduate degrees:

- MMus (Musicology or Ethnomusicology)
- MA in Drama & Performance Studies

Careers

Theatre, Music Industry, Journalism, Media, Arts Administration, Education, Academia, Performance.

www.myucd.ie/mfd
UCD School of Music
+353 1 716 8178
music@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Other Courses of Interest:

English, Drama & Film	32
English with Creative Writing	33
Drama Studies	48
Film Studies	50
Music	57

TEANGA, LITRÍOCHT & AISTRIÚCHÁN

IRISH LANGUAGE, LITERATURE & TRANSLATION

BA (Hons) (NFQ Level 8)

Tá dhá thuairim agam nuair a smaoiním ar mo thaithí mar mhac léinn Nua-Ghaeilge anseo in UCD. Ar dtús, is áit iontach fháiltiúil í Scoil na Gaeilge, an Léinn Cheiltigh agus an Bhéaloidis chun staidéar a dhéanamh inti. Bhíodh ranganna na léachtóirí i gcónaí suimiúil, lán eolais agus taitneamhach. Mar aon leis sin, lasmuigh de na léachtaí, bhíodh caidreamh láidir i gcónaí agam le mo chomh-mhic léinn agus le foireann uile na Scoile. D'aimsigh mé teaghlach nua na Gaeilge anseo, sinn ag foghlaim le chéile, ag ithe lóin le chéile sa Seomra Caidrimh, agus ag caitheamh laethanta iontacha órga le chéile sa Ghaeltacht. Ní ábhar ollscoile amháin í an Ghaeilge in UCD: is teanga bheo í agus is foinse pobail í freisin.

Stiofán Ó Briain, Graduate

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
We recommend that you should only study Irish if you have at least a H4 grade in Irish at Leaving Certificate Irish or equivalent.

Cén fáth go n-oirfeadh an clár seo dom?

- Má tá tú ag iarraidh barr feabhais a bhaint amach sa Ghaeilge
- Más spéis leat ard/sainscileanna teanga a bhaint amach agus a fhorbairt
- Más spéis leat gairm bheatha trí mheán na Gaeilge ag leibhéal náisiúnta agus idirnáisiúnta a bheith agat ina lán réimsí sa tsochaí: aistriúchán, oideachas, cúrsaí foilsitheoireachta, na meáin chumarsáide, earnáil na hoidhreachta agus an chultúir, mar shampla

Cad iad na hábhair a ndéanfaidh mé staidéar orthu?

- Scileanna teanga
- Scileanna agus léann an aistriúcháin ar bhonn idirdhisciplíneach
- Litríocht na Gaeilge
- Stair chultúrtha na Gaeilge
- Eagarthóireacht/cóipeagarthóireacht

Is í an Ghaeilge teanga an chláir seo seachas na modúil ar an léann Ceilteach agus modúl comónta ar an aistriúchán.

Bliain 1

Sa chéad bhliain déantar cúig mhodúl a chlúdaíonn cruinneas agus forbairt na Gaeilge, scríbhinní iriseoireachta agus scileanna bunúsacha tosaigh san aistriúchán. Is féidir le mic léinn dhá mhodúl tosaigh a roghnú ón tSean-Ghaeilge, ón mBéaloideas agus ó Léann na hÉireann (a mhúintear trí mheán an Bhéarla).

Bliain 2

Sa dara bliain déantar staidéar ar chroímhodúil ar nualitríocht na Gaeilge, ar fhilíocht na Gaeilge (c.1650 go dtí an lá atá inniu ann), iriseoireacht na Gaeilge, an ghramadach agus an t-aistriúchán dlíthiúil. Is féidir dhá mhodúl a roghnú ó Filíocht na Gaeilge roimh an Ghorta, an Ghaeilge ar an Scáileán, agus Literacy and learning in Early Irish nó Poets and Performance in Celtic Civilization.

Bliain 3

Sa tríú bliain bíonn rogha ag mic léinn dul ar bhliain nó ar sheimeastar thar lear, seimeastar sa Ghaeltacht, tráchtas/togra aistriúcháin, nó 30 creidiúint de mhodúil roghnacha.

Bliain 4

Déanann an mac léinn sé chroímhodúl sa cheathrú bliain, Prós na Gaeilge ina measc. Tá dhá mhodúl ar an aistriúchán liteartha agus ar an aistriúchán ghairmiúil mar aon le modúl idirdhisciplíneach a dhéanann anailís ar stair agus ar fhorbairt choincheap an aistriúcháin in iarthar an domhain.

Measúnú

Usáidfear stíleanna éagsúla measúnaithe sna modúil ar fad idir scrúduithe, aistí, ghrúpobair, thionscnaimh, thráchtais agus thaithí oibre.

Deiseanna Gairme agus Staidéir

- Aistriúchán le comhlachtaí príobháideacha, le hinstitiúidí náisiúnta agus Eorpacha
- Gairmeacha le foilsitheoireacht – eagarthóirí, cóipeagarthóirí, aistritheoirí
- Múinteoireacht
- Státseirbhís agus Rialtas na hÉireann
- Na meáin chló, chraolta agus ar líne
- Aistritheoirí agus Riarthóirí san Aontas Eorpach
- Taighdeoirí/léachtóirí ollscoile
- Eagraíochtaí cultúrtha agus oidhreachta

Tá cáil ar an Ghaeilge i UCD as feabhas

i dtaighde agus i dteagasc ag leibhéal fochéime agus iarchéime a neartú.

Taobh le féidearthachtaí do MLitt agus PhD is féidir le mic léinn leanúint le MA: Scríobh & Cumarsáid agus MA sa Nua- Ghaeilge. Ghnóthaigh mic léinn ó na cúrsaí seo scoláireachtaí Fulbright agus Fondúireacht Cheanada-Éireann mar chomhaltaí teagaisc sna Stáit Aontaithe agus i gCeanada.

Other Courses of Interest:

Languages, Linguistics & Cultures 40
Irish/Gaeilge 53

LEARN MORE

www.myucd.ie/tla-illt
UCD School of Irish, Celtic Studies and Folklore
bairbre.nichonchuir@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

This degree allowed me to pursue my passion for languages in an unparalleled atmosphere. The breadth of models has broadened my horizons, strengthened my skill set, and assisted me greatly in developing fluency in both Italian and French. The elective modules facilitate the opportunity to discover other areas of interest; I explored new realms of economics, education, and Spanish. Paired with the Erasmus year, this allowed me to flourish both personally and academically. The lectures and tutorials are interactive spaces that inspire discussion and where the passion and expertise of the lecturers and tutors shine through. This course will help develop your flair for languages at a time when they are in high demand. Languages at UCD open pathways to limitless opportunities.

Claudine McGovern, Student

MODERN LANGUAGES

BA (Hons) (NFQ Level 8)

CAO Code: DN541

CAO Points Range 2022: **316-613**
Length of Course: **4 years**
Places: **40**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Special Entry Recommendation
For any language chosen at advanced level during your first year, it is recommended that you have at least a H4 grade in that language at leaving Certificate, or equivalent

Why is this course for me?

Modern Languages combines advanced language skills with the literature, history and culture of the countries where these languages are spoken. It also focuses on developing critical faculties and cross- cultural awareness.

This degree is for those of you who want to concentrate on at least two modern foreign languages, explore the connections between them, spend a year abroad and graduate with a BA International degree.

You can study French, German, Italian, Portuguese or Spanish at an advanced level (post-Leaving Certificate or equivalent), and you can take Italian, Portuguese, Spanish and German as a beginner. At least one language should be studied at an advanced level. One interdisciplinary core module at each stage allows students to make connections between the languages and cultures they are studying.

Much of our teaching is in small groups, where you will expand your communication skills and develop as an independent learner. A central element of the degree is the built-in year abroad, where you have the unique opportunity to become immersed in another culture.

What will I study?

First Year

Modules in two languages. At least one language should be studied at an advanced level (post-Leaving Certificate or equivalent) • Introductory core module – Reading European Literatures • Choice of modules in Literature, History and Cultural Studies or Linguistics • An optional third language.

Second Year

Two main languages • Core module on the European project • Choice of modules in literature, history and cultural studies or subject-specific linguistics • An optional third language

Year Abroad

All students spend a year abroad in one country where their chosen language is spoken. You will study linguistic, literary, historical and/or cultural courses at the host institution and continue studying your chosen second language.

Fourth Year

Core module on “Adaptations” • Continuation of the languages chosen in second year • Option modules as above.

Students spend approximately 15 hours a week attending language classes, lectures and tutorials and 25 hours a week undertaking independent study.

Assessment is through a combination of end-of-trimester written and oral examinations, and continuous assessments.

International Study Opportunities

Studying abroad is an essential element of this degree. Students are guaranteed an Erasmus exchange place at one of more than 40 partner universities in:

- Germany
- Austria
- France
- Belgium
- Switzerland
- Canada
- Italy
- Spain
- Latin America
- Portugal

Graduate Study Opportunities

When you graduate, you will be well qualified to pursue a range of courses at MA and PhD level, including the UCD taught Master of Modern Languages & Linguistics. You will also be eligible for conversion courses in translation, International Relations and International Business.

Careers

Your excellent knowledge of languages and strong communication, intercultural and analytical skills will open careers across a wide spectrum of industries, including: Translation and Interpreting, Politics and Public Service, Journalism, Education, Finance, Marketing and Business, Creative and Media Industries.

Key Fact

Did you know that careers in EU institutions require competence in at least three EU languages, making modern languages graduates strong contenders for many exciting career opportunities in Europe?

www.myucd.ie/modern-languages
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

European Studies	35
Languages, Linguistics & Cultures	40
Commerce International	85

BA JOINT HONOURS (DN520)
SUBJECTS & COMBINATIONS

Students choose one subject from the column on the left and a second subject from the row across the top.

✔ Indicates all available combinations.

	Archaeology	Art History	Celtic Civilisation	Drama Studies	English	Film Studies	French	Geography	German	Greek	Greek & Roman Civilisation	History	Information & Communications	Irish/Gaeilge	Irish Folklore	Irish Studies	Italian	Latin	Linguistics	Mathematics	Music	Philosophy	Sociology	Spanish	Statistics	Portuguese
Art History			✔	✔	✔	✔	✔	✔	✔	✔		✔		✔		✔	✔	✔		✔	✔	✔		✔	✔	
Celtic Civilisation		✔			✔	✔			✔	✔	✔	✔		✔	✔	✔	✔	✔	✔		✔			✔		✔
Drama Studies		✔			✔	✔			✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔	✔			✔	✔	✔
English	✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Film Studies		✔	✔	✔	✔		✔		✔	✔	✔	✔			✔	✔		✔	✔		✔			✔		✔
French		✔			✔	✔			✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	✔	✔			✔	✔	✔
German		✔	✔	✔	✔	✔	✔			✔	✔	✔		✔	✔		✔		✔		✔				✔	✔
Greek		✔	✔	✔	✔	✔	✔		✔		✔			✔	✔	✔	✔	✔	✔					✔		✔
Greek & Roman Civilisation			✔	✔	✔	✔	✔		✔	✔		✔		✔		✔	✔	✔		✔	✔			✔		
History	✔	✔	✔	✔	✔	✔	✔	✔	✔		✔			✔	✔	✔	✔	✔	✔	✔		✔	✔	✔		✔
Irish/Gaeilge		✔	✔	✔	✔		✔	✔	✔	✔	✔	✔			✔	✔		✔	✔	✔	✔			✔	✔	✔
Irish Folklore			✔	✔	✔	✔	✔		✔	✔		✔		✔		✔	✔	✔		✔	✔			✔		
Irish Studies		✔	✔	✔	✔	✔	✔			✔	✔	✔		✔	✔		✔		✔		✔					✔
Italian		✔	✔	✔	✔		✔		✔	✔	✔	✔			✔	✔		✔	✔	✔	✔			✔		✔
Latin		✔	✔	✔	✔	✔	✔			✔	✔	✔		✔	✔		✔		✔		✔					✔
Linguistics			✔	✔	✔	✔	✔		✔	✔		✔	✔	✔		✔	✔	✔		✔	✔			✔	✔	
Mathematics		✔		✔	✔		✔			✔	✔	✔		✔	✔		✔		✔		✔				✔	✔
Music*		✔	✔	✔	✔	✔	✔	✔	✔		✔			✔	✔	✔	✔	✔	✔	✔		✔		✔		✔
Portuguese			✔	✔	✔	✔	✔		✔	✔		✔		✔		✔	✔	✔		✔	✔			✔	✔	
Spanish		✔	✔	✔	✔	✔	✔			✔	✔	✔		✔	✔		✔		✔		✔				✔	✔

*Students studying Music may transfer to a single subject BMus degree after Year 1

I knew I wanted to study History, however my love for the arts prompted me to look for something which also satiated my curiosity and interest in visual culture which made this the perfect course for me. The multitude of field trips to art galleries and museums constantly encourage us to genuinely experience the art we learn about in lecture halls and tutorials. In addition, the abundance of guest speakers, such as artists, expose us to the different views and opinions in the art world as well as introduce us to the contemporary artists working in Ireland today. I firmly believe that anyone who enjoys not only art and architecture, but also the story behind the artist and their creations, will definitely enjoy this course.

Justyna Kaczorowska, Student

ART HISTORY

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

Art History is the subject for you if you are interested in any or all of the diverse aspects of visual culture, artistic creativity and the role of imagery within society. Since prehistoric times, the beliefs, aspirations and fears of humankind have been expressed through the production of objects. Art History interrogates these objects, situating them within historical, stylistic and aesthetic frameworks and contexts. The inherent interdisciplinary nature of Art History enables dynamic connections with a broad range of subjects across the Arts and Humanities and the Social Sciences.

What will I study?

Our teaching programme offers a dynamic curriculum that enables students to examine the art, architecture and visual culture of different ages, from ancient times to the present day, whether traditional or new, non-traditional media. Students are encouraged to develop a range of critical, historical and historiographical modes of inquiry so as to comprehend our visual and artistic cultures.

First Year

First year modules introduce students to the key periods, artists and movements of European art and architecture from antiquity through to the birth of modern art in the early 20th century.

Typical modules include: The Art of the Ancient & Medieval World • The Art of the Renaissance: Reform & Rebirth • The Baroque to Romanticism: Europe 1600-1850 • The Modern World 1848-1914

Second & Final Years

Students have the opportunity to develop an increasingly in-depth visual and critical understanding of the history of art, crossing over boundaries of media, chronology and geography. Typical modules include: The Modern to the Contemporary • European Architecture • Perspectives on Irish Art: From Medieval to Modern • History of Photography • Early Islamic Art & Architecture • Art/Resistance/Activism • Georgian Dublin • Genre Painting in the Age of Vermeer • Women & Modern Architecture • From Constantinople to Istanbul: Art, Faith, Politics.

Students attend lectures, tutorials and seminars, and undertake independent study. We have a strong commitment to small-group learning and gallery, museum and site visits are integrated into the curriculum.

A combination of end-of-trimester examinations and continuous assessment are used. In your final year, you may also prepare a minor dissertation.

International Study Opportunities

Opportunities to study abroad include:

- Universität Wien, Austria
- Université Panthéon-Sorbonne, France
- Università degli Studi di Roma III, Italy
- Universidad Autónoma de Madrid, Spain
- Erasmus University Rotterdam, the Netherlands
- Université de Lausanne, Switzerland
- University of Lund, Sweden
- University of Nottingham, UK
- University of California, USA
- University of Otago, New Zealand
- Waseda University, Japan

Graduate Study

Art History has multiple applications. We equip graduates with the skills needed to reflect on the role of the visual arts within society and to evaluate the images and environments surrounding them. Graduates are prepared to undertake graduate study in a range of areas, including two taught Masters degrees at UCD: MA Art History, Collections & Curating and MA Cultural Policy & Arts Management. Graduates are also prepared to pursue doctoral research.

Careers

Graduates develop key skills from critical thinking and writing to effective visual analysis, that have diverse applications and can lead to employment opportunities in: Museums and Galleries, Cultural and Heritage Sector, Education and Academia, Digital Media, Journalism, Publishing, Auction Houses, Archives.

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **52**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Art History as a joint major with:

Celtic Civilisation • Irish Studies • Drama Studies Irish/Gaeilge • English • Italian • Film Studies • Latin • French • Mathematics • Geography • Music • German Philosophy • Greek • Spanish • History • Statistics

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes
Same as above

Studying Art History as a minor with:

- Archaeology
- Sociology

Other Courses of Interest:
Classics, Art History & Archaeology

www.myucd.ie/art-history
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LEARN MORE

CELTIC CIVILISATION

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

I chose to study this because of the expertise offered at UCD and my passion for discovering the rich history that surrounds us. Many of the medieval tales come from places not far from home, such as the Hill of Tara, and the Boyne Valley and their mythology is rich. Some topics covered will be familiar like 'The Coming of the Celts' and 'Newgrange" and you will be brought to a much deeper level through your professors and independent learning. I love the atmosphere of the classroom and find it a very open place where you get to know your peers and professors. If you have an avid interest in History, Art History and languages you will love this course.

Caolan Maher, Student

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **35**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Celtic Civilisation as a joint major with:
Art History • Irish Studies • English • Irish/Gaeilge • Film Studies • Italian • German • Latin • Greek • Linguistics • History • Music • Irish Folklore • Portuguese • Spanish • Greek & Roman Civilisation

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes Same as above

Studying Celtic Civilisation as a minor with:
• Archaeology

Why is this course for me?

The Celtic Civilisation course focuses on the cultures of the Celtic-speaking peoples in Ireland, Britain and beyond. It encompasses diverse elements in folklore, literature, history to allow students to pursue particular fields of interest. This gives students the opportunity to acquire a broad overview of the cultures of the Celtic-speaking peoples and also to develop more specific areas of expertise.

Many of the Celtic Civilisation modules are good choices as electives for those interested in Celtic culture in Ireland and beyond.

What will I study?

The Celtic Civilisation course focuses on Celtic cultures in Irish, British and European contexts and incorporates optional subjects in folklore, literature, history to allow students to pursue particular fields of interest. This gives students the opportunity to acquire a broad overview of Celtic culture and also to explore more specific aspects of interest.

First Year

First year modules introduce students to key topics in Celtic Civilisation. Modules include: Introduction to Celtic Civilisation • The British Celts • Vikings in the Celtic World • Early Ireland: Continuity & Change • Introduction to Early Irish

Second and Final Year

Students will develop a fuller view of different aspects of the cultures of the Celtic-speaking people. Modules include: Poets, Power & Performance • Literacy & Language in Early Ireland • Kings & Heroes of Early Ireland • Early Irish Myth and Sagas • Law and Society in Early Ireland • The fortunes of the Celtic languages • Folk Religion & Belief • Social Life & Legend • Myth & Tradition • Music & Words: Identity in the Irish Context • Calendar Custom

Early Irish

Early Irish (Old and Middle Irish) is the language in which the vast corpus of medieval Irish sagas, laws and historical documents were written. It is the gateway to the colourful social life and the dazzling scholarship of the medieval Irish people. You will have the opportunity to learn Early Irish from scratch in order to become familiar with the main features of the language, and you will be able to read medieval texts on centuries-old manuscripts. No previous knowledge of Irish is required.

International Study Opportunities

Students can apply to study abroad in third year at one of our international partner institutions.

Graduate Study

Graduates are also prepared for further studies in a wide range of linguistic, historical and literary fields including taught Masters in the UCD School of Irish, Celtic Studies & Folklore: MA Irish Folklore & Ethnology and MA Irish Studies.

Careers

This degree provides the skills that will allow you to follow a wide range of graduate studies and career opportunities in:

- Heritage
- Research
- Media
- Teaching
- Business
- Technology

Other Courses of Interest:

LEARN MORE

www.myucd.ie/celtic-civilization
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The legacy of the classical world permeates our own and, particularly in my case, contemporary pop culture. The Greek myths were in all my favourite books and the Roman Empire was the setting for some of my favourite films. In the real-world, Neo-Classical architecture fills the streets of cities such as Dublin. Anyone with a modicum of interest should study it, particularly at UCD, I have only had great interactions with the staff that make up the school of Classics. The in-depth study of these ancient cultures has also shifted much of my day-to-day thinking. The subject is not only a study of the lives of the people of the Mediterranean, but how their lives and cultures affect us today.

Leo Murtagh, Student

CLASSICS:

GREEK & ROMAN CIVILISATION, LATIN AND GREEK

BA (Hons) (NFQ Level 8) – DN520

BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

As so much of European culture looks back to Classical Antiquity, studying Classics will give you insights not just into the ancient past but also into the ideas and texts that shaped the present. Three subjects are offered within the BA Joint Honours degree, which you can take separately or combine:

Greek & Roman Civilisation • Latin • Greek

Greek & Roman Civilisation explores the Classical World through history, literature, art, archaeology, mythology and philosophy. You do not need previous knowledge of the subject, nor will you have to learn the ancient languages.

Latin and Greek enable you to either learn a language from scratch or to develop your existing knowledge. You will also learn to read works by authors such as Cicero, Homer, Plato, Sophocles and Virgil, in their original languages.

What will I study?

Greek and Roman Civilisation

First Year

Classical Greece • Age of Augustus • War & the Hero (Homer and Virgil) • Lost Cities of the Ancient World

Second & Final Years

Alexander and His Successors • Greek Tragedy • Greeks, Romans & Barbarians • The Athenian Empire • Classics in Popular Culture • Death and the Afterlife in the Ancient World • The Comedies of Aristophanes • Eating & Drinking in Antiquity • Family Life in Ancient Greece • Magic in the Ancient World.

There is also the opportunity at the end of first or second year to go to Greece on a 10-day study tour of archaeological sites and museums, such as Olympia, Delphi, Mycenae and the Acropolis Museum in Athens.

Latin

You can undertake Latin in first year as a beginner. Students who studied Latin at Leaving Cert (or equivalent) can develop their knowledge through modules on language, literature and culture. Authors studied include Virgil, Cicero, Tacitus and Catullus.

Greek

We offer a language programme for beginners, leading to the study of authors such as Homer, Plato, Herodotus, Thucydides and Euripides. Students will attend lectures and tutorials as well as undertaking independent reading and study. Some modules are taught in small classes. Assessment is through a mix of class tests, exams, coursework essays, learning journals and group work.

International Study Opportunities

UCD School of Classics has links with the Universities of Athens, Brno, Catania, Cyprus, Erlangen and Stuttgart. Non-EU exchange opporunities include the University of Melbourne, Australia and the University of Virginia, USA.

Graduate Study

You can continue your study of the ancient world at UCD with a taught MA in Classics and a research degree – MLitt or PhD. For details, see **www.ucd.ie/classics/study.**

Careers

Our graduates have highly-valued skills, including research, data analysis, presentation and critical reasoning. Graduates pursue a wide range of careers, such as: Advertising, Broadcasting, Journalism, Teaching, IT, Law, Business, Speech-writing and Advocacy.

Key Fact

The Classical Museum at UCD holds the largest collection of Greek and Roman artefacts on display in Ireland. Students taking relevant modules have the opportunity for hands-on interaction with the collection.

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **79**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Greek & Roman Civilisation as a joint major with:
Celtic Civilisation • Irish Studies • Drama Studies Irish/Gaeilge • English • Italian • Film Studies • Latin • French • Mathematics • German • Music • Greek • Portuguese • Spanish • History

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes Same as above

Studying Greek & Roman Civilisation as a minor with:
• Archaeology • Geography

Other Courses of Interest:

Classics, Art History & Archaeology 29
Classics, English & History 30

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LEARN MORE

DRAMA STUDIES

BA (Hons) (NFQ Level 8)

This course gave me the backing of a world-renowned university and access to some of the finest academics in the field of theatre and performance. UCD offers modules in both the analysis of playwrights and texts, along with practical on-your-feet performance modules. As such, I am entering the workforce with a degree that is grounded in all aspects of drama and theatre. The teaching team always encouraged me to ask questions and are always available for advice regarding assignments or further study options. My degree has made me aware of the lack of diversity and inclusion that exist within the theatre community and has given me the vocabulary I need to challenge these inequalities and think critically about how to address these issues.

Daniel Mallon, Student

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
(4 years BA International)
Typical Class Size: **66**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Drama Studies as a joint major with:

- Art History
- English
- Film Studies
- German
- Greek
- History
- Irish Folklore
- Irish Studies
- Greek & Roman Civilisation
- Irish/Gaeilge
- Italian
- Latin
- Linguistics
- Mathematics
- Music
- Portuguese
- Spanish
- Statistics

Why is this course for me?

Drama Studies is for students who are interested in learning about performance in theory and practice. Drama Studies has a range of modules that bring together scholarly, creative, and practical "on-your-feet" tasks and assignments. Drama Studies educates students in the history and practices of theatre and performance in a wide range of historical, national and international traditions.

What will I study?

You will study a range of performance genres from classical Greek plays to contemporary Irish and international theatre and performance, from a theoretical and practical perspective.

Students attend lectures, tutorials and workshops. They also participate in group work and undertake independent study. First year and second year introduce students to fundamental creative, theoretical and practical skills, research and analysis. In final year, students build on this knowledge and are invited to pursue more specialised interests.

Current offerings for third year enable intensive study. Options include a Performance Project, which involves auditions and creates an ensemble production working with a professional director and an Independent Study, which invites students to write on a research topic of their choice with individual staff supervision. Drama Studies modules include:

First Year

Theatre Matters • Theatre Context and Convention • Introduction to physical Theatre • Theatre and Activism

Second Year

Performance in Everyday Life • Contemporary Ireland on Stage • Documentary Theatre • Playwriting • Introduction to Acting

Third Year

Contemporary Theatre and Performance • Global Theatre • Theatre of Martin McDonagh • Digital Theatre • Solo Performance • Independent Study
• Directing for Stage • Performance Project
• Queer Theatre and Performance

International Study Opportunities

- Albert-Ludwigs-Universität, Freiburg, Germany
- Sorbonne Université, France
- University of Turin, Italy
- University of Verona, Italy
- University of Amsterdam, the Netherlands
- University of Coimbra, Portugal
- University of Barcelona, Spain
- University of British Columbia, Canada
- University of Miami, USA
- University of Otago, New Zealand

Graduate Study

Drama Studies will develop your knowledge of theatre and performance, and hone and enhance your research and writing skills through academic and practical study. Masters programmes are offered in specialised areas of Drama and Performance, including a collaborative MA in Theatre Practice, jointly offered by UCD and The Gaiety School of Acting, and an MA in Writing for Stage & Screen, which entails intensive playwriting and screenwriting components. (www.ucd.ie/englishdramafilm/study/postgraduate). PhD options are also available.

Careers

A degree in Drama Studies will develop your presentation, teamwork, performance and analytical skills, allowing you to pursue careers in the following areas:

Theatre Industry (writer, director, actor, dramaturge, producer, theatre and cultural management), Tourism, Advertising and Public Relations, Education (teaching, research and educational drama), Journalism and Broadcasting.

Other Courses of Interest:

English, Drama & Film 32
English Literature 34
Music, Film & Drama 41

LEARN MORE

www.myucd.ie/drama-studies
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Studying English at UCD has empowered me to develop a profound understanding and appreciation of literature. It has also given me the opportunity to implement the craft of writing, critical thinking and analysis, helping me to develop how I articulate my ideas in academia and everyday life. The School of English, Drama and Film has an extremely friendly and dedicated staff. Each lecturer that I have interacted with has been so helpful and approachable. The lecturers and tutors are very passionate about their subject. This is conveyed through their various teaching styles, making for a very enjoyable and enriching experience.

Adesewa Awobadejo, Graduate

ENGLISH

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

Study English at UCD if you are an enthusiastic reader, writer and thinker who loves literature. Strengthen your understanding of narrative, poetic and dramatic forms. Enlarge your critical vocabulary and historical awareness. Explore how the study of literature intersects with questions of gender, politics and cultural theory. Learn how to research a topic, evaluate evidence and present your ideas in a cogent, persuasive way. Become a creative and dynamic critic yourself!

What will I study?

You will study themes and contexts of literature from around the world, from Medieval to contemporary times. Modules are taught in a variety of ways ranging from small in-depth seminars taught by a single lecturer, to larger, collaboratively-taught classes and research driven modules. Throughout your degree you can choose from more than 60 modules on different aspects of literature including:

First Year

Reading World Literature • Literature & Crisis • Contemporary Irish Writing • Literary Genre: The Art of Criticism & the Craft of Writing • How to Read Poetry • Horror Literature • Children's Literature • Comics & Fantasy

Second Year

Critical Theory • Reading Medieval Literature • Irish Literature in English • Modern American Literature • Renaissance Literature • Romanticism • Victorian to Modern Literature • Modern Drama

Third Year

Reading Ulysses • Apocalypse Then: Old English Literature • Yeats & the Arts • Theatres of Change • Gender, Culture & Society • Global Science Fiction • Masculinities & Manhood • Contemporary Irish Women's Poetry • Global Eco- Literature • Making Shakespeare • Literature & Science • The Crime Novel

Assessment is through end-of-trimester essays and written examinations, as well as a range of continuous assessment methods, including worksheets, presentations and project work.

International Study Opportunities

We have links with: Albert-Ludwigs-Universität, Freiburg, Germany; Sorbonne Université, France; University of Turin, Italy; University of Verona, Italy; University of Amsterdam, the Netherlands; University of Coimbra, Portugal; University of Barcelona, Spain; University of British Columbia, Canada; University of Miami, USA; University of Otago, New Zealand; University of California, Davis, USA.

Graduate Study

Choose from a wide range of MA options including: Creative Writing, Literature and Culture (with strands in American, Gender, Sexuality and Culture, Medieval, Modern and Contemporary, Renaissance) Film Studies and Writing for Stage and Screen.

See **www.ucd.ie/englishdramafilm/study/postgraduate** for more detail.

Careers

Graduates of English work across a wide range of industries, including: Broadcasting and Journalism, Cultural Production and Arts Management, Public Relations, Business/Finance, Publishing, Law, Politics, Policymaking, Teaching, Heritage, Management Consultancy, Tourism, Humanities Research, Digital Media and Tech.

Key Fact

UCD School of English, Drama and Film enjoys a close relationship with the Museum of Literature Ireland (MoLI) a UCD/ National Library of Ireland partnership, which showcases the dynamism of Irish writers past and present, including alumni James Joyce and Kate O'Brien

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **232**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying English as a joint major with:
Archaeology • Irish Folklore • Art History • Irish Studies • Celtic Civilisation • Irish/Gaeilge • Drama Studies • Italian • Film Studies • Latin • French • Linguistics • Geography • Mathematics • German • Music • Greek • Philosophy • Greek & Roman Civilisation • Portuguese • Spanish • History • Sociology • Information & Communication Studies • Statistics

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes Same as above

Studying English as a minor with:
• Geography • Sociology

www.myucd.ie/english
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

FILM STUDIES

BA (Hons) (NFQ Level 8)

I chose this course to get a better understanding of something I feel so passionately about. I have always loved film and television, but more often than not I had a very one-dimensional outlook on the things I was watching seeing them just as forms of entertainment. With this course my perspective completely changed. I now see how important media is at representing and creating culture. The historical perspective and understanding you gain is also something I didn't expect. Through the wide and varied catalogue of films and shows you interact with, you can broaden your horizons tenfold, whether it be culturally, historically or theoretically. You will learn about culture and more specifically, how media is a significant tool in understanding it.

Jack Fleming, Student

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
(4 years BA International)
Typical Class Size: **123**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Film Studies as a joint major with:

- Art History
- Celtic Civilisation
- Drama Studies
- English
- French
- German
- Greek
- Greek & Roman Civilisation
- History
- Irish Folklore
- Irish Studies
- Latin
- Linguistics
- Music
- Portuguese
- Spanish

Why is this course for me?

Media literacy is a vital 21st century skill and the cultivation of such literacy is at the centre of this course. Students are encouraged to make connections between cinematic and televisual forms, to deepen their knowledge of screen cultures and, in particular, to ask serious questions about how representation, culture and politics interrelate. If you have a passion for media, this degree provides a unique opportunity for you to acquire key interpretive skills and hone your ability to make critically reasoned arguments. Film Studies will give you the tools to better understand how all the things we think of as entertainment actually create the world in which we live.

What will I study?

You will study classical and contemporary film, television and other media, and engage with relevant critical writing, building awareness of media in social, cultural, historical and theoretical contexts. You will explore politics, history and economics, social and cultural change in action. Modules include:

First Year

Introductions to Film & Media (including case studies in digital innovation, film, television, and other media forms) • Film History • Cinema Creatives

Second Year

Horror • Action/Adventure • Documentary & Social Change • Irish Film and Television • Race, Migration, and Media • Digital Media and Everyday Experiences

Third Year

Animation • Contemporary Alternative & Independent Cinemas • Feminist Media Studies • Cinema & the City • Creative Media Audiences

Students attend a range of lectures, tutorials and screenings. They also undertake independent study.

Assessment takes different forms such as written assignments, presentations, group projects and end-of-trimester examinations. You might present a poster, create storyboards, make a video or record a podcast. In third year, all teaching takes the form of small group seminars.

International Study Opportunities

We have links with:

- Albert-Ludwigs-Universität, Freiburg, Germany
- Sorbonne Université, France
- University of Turin, Italy
- University of Verona, Italy
- University of Amsterdam, the Netherlands
- University of Coimbra, Portugal
- University of Barcelona, Spain
- The University of British Columbia, Canada
- University of Miami, USA
- University of Otago, New Zealand

Graduate Study

Graduates are prepared for a wide range of MA courses offered in the School of English, Drama and Film, including: Creative Writing, Literature & Culture; Gender, Sexuality & Culture; Writing for Stage & Screen. See **www.ucd.ie/englishdramafilm/study/postgraduate** for more details.

Careers

Graduates have pursued careers in every strand of media and media culture, including: Film Festivals, Arts Curation, Archives, Education (Schools and Universities), Journalism, Television and Film Production.

Other Courses of Interest:

LEARN MORE

www.myucd.ie/film-studies
UCD School of English, Drama and Film
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harvey.obrien@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I chose to study French at UCD because it gave me the chance to study a wide variety of topics and explore much more than just the French language. We are given the opportunity to explore so many aspects of French and Francophone culture such as literature, film, and society. It is said that you can learn something new every day. With studying French, that is certainly true. It is a constant exploration, discovering new words, phrases and stories. My degree has encouraged me to examine the world around me through a different lens and has shown me how language, literature and culture are in every element of our lives. As a UCD French student, I have a newfound sense of purpose and aspiration to communicate with people and learn their stories.

Gia Simmons, French

FRENCH

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

French is both a European and a global language whose cultural and economic importance is projected to grow substantially in the coming decades. Studying French at UCD equips you for a diverse and varied workplace. You will explore the language and cultures of France and other French-speaking countries around the globe. You will also enhance your cultural awareness, intellectual flexibility, communication and oral presentation skills, and critical thinking.

We strongly encourage our students to spend a year abroad as part of their degree in order to graduate with a BA International. Studying abroad is a valuable experience, which enables you to perfect your language skills and immerse yourself in a different culture. If you wish to study more than one language, with a built-in year abroad, consider Modern Languages (DN541).

What will I study?

You will study French language, literature and culture, developing your linguistic and critical skills across our three-year or four-year degree options.

First Year

Foundations in Language & Literature: French Grammar & Comprehension • French Grammar & Expression • Reading Short French Texts • French Fictions

Second Year

You will enhance your linguistic and critical skills through Intermediate French Language modules and options like these:

La France d'Aujourd'hui • Intro to Enlightenment • Baudelaire • French New Wave Cinema • Versailles • The Realist Novel • World War 2 in French Culture

Final Year

You will deepen your linguistic and cultural knowledge with Advanced French Language modules and options like these:

Proust • Contemporary French Poetry • Reading Racine's Women • Qu'est-ce que l'individualisme? • L'écriture migrante • Thinking Things • Literature of Quebec

French is taught in lectures, seminars and through independent study.

Assessment is through a mix of continuous assessment, in-class tests, mid-trimester written assignments, project work and end-of-trimester exams.

International Study Opportunities

Students undertaking a BA Joint Honours (DN520) are encouraged to spend an additional year abroad at one of our 17 partner universities across France, Belgium, Switzerland and Canada, graduating with a four-year BA Arts International. Universities we have links with include: La Sorbonne, Université de Montréal, Université de Bordeaux III, Université de Genève, Université Libre de Bruxelles, Université de Nice, Université de Toulouse, Université de Lyon and many more.

Graduate Study

A BA in French may also lead to further study such as the UCD MA in Modern Languages, UCD MA in Languages and Image Studies, M Litt / PhD programmes in a range of universities internationally, as well as in other programmes such as European Studies, International Relations or Translation and Interpreting.

Careers

The communication skills, critical awareness, cultural sensitivity and intellectual flexibility fostered through studying French open up a wide range of careers, including:

International Relations, Public Administration, Careers in the EU, Education, Translation and Interpreting, Journalism and Media, Tourism, Law.

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **42**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
We recommend that you should study French only if you have at least a H4 grade in Leaving Certificate French, or equivalent

Studying French as a joint major with:
Art History • Irish Studies • English • Italian • Film Studies • Latin • German • Linguistics • Greek • Mathematics • Greek & Roman Civilisation • Music • History • Portuguese • Spanish • Irish Folklore • Statistics • Irish/Gaeilge

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **18**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes
Same as above

Special Entry Recommendation
Same as above

Studying French as a minor with:
• Politics & International Relations

Other Courses of Interest:

Languages Linguistics & Culture	40
Modern Languages	43
Education with Gaeilge &/ or Modern Languages	79
Law with French Law	93

www.myucd.ie/french
Melanie Pape
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+353 1 716 8302/slcl@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

GERMAN

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Studying German at UCD has been so much more that I expected. I chose this degree because I wanted to continue learning and refining my German language skills. This course however proved to be much more than just learning to speak a language. I have also explored German culture, art, literature, history, cinema and even philosophy. The faculty are knowledgeable, approachable and passionate about their subjects. My classmates come from all different courses in UCD, all sharing enthusiasm for German. The smaller classes allow for closer learning, as well as being great for meeting new people and making friends. This degree has granted me the confidence to live and work abroad, and also offers me excellent global career opportunities.

Katie Clissmann, Student

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **28**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
In First Year two streams are offered, one for absolute beginners and another for non-beginners. For the non-beginners level a minimum of H4 grade in Leaving Certificate German or equivalent is strongly recommended.

Studying Irish as a joint major with:
Art History • Celtic Civilisation • Drama Studies • English • French • Film Studies • Greek • Greek & Roman Civilisation • History • Irish Folklore • Irish/Gaeilge • Italian • Linguistics • Music • Portuguese • Statistics

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes
Same as above

Studying German as a minor with:
Economics • Politics & International Relations • Sociology

Why is this course for me?

German is one of the most widely spoken first languages in Europe. The combined strength and significance of Germany, Austria and Switzerland are undisputed. Studying German, therefore, offers an array of cultural and business opportunities. Our teaching involves not only the language, but also the arts and culture of German-speaking countries, equipping graduates with valuable intercultural understanding and key transferable skills.

Our students are strongly encouraged to spend an Erasmus year abroad at a host university in Austria or Germany as part of their degree. A year abroad is a valuable experience, which allows you to perfect your language skills and to broaden your horizons. This is recognised in the degree title itself: BA Arts students who successfully complete a year abroad graduate with a BA Arts International. If you wish to study more than one language with a built-in year abroad, consider the BA Modern Languages degree.

What will I study?

You will study core language modules alongside a range of options in culture, history, literature and translation. Examples of modules include:

First Year

German Language for Beginners • German Language for Non-Beginners • Reading German Literature • German History on Screen • Spoken German for Beginners

Second & Final Year

German Language (including Intensive German for Ex-Beginners) • Transcultural Encounters I & II • Modernist German Literature • Translation English-German & German-English • The German-Speaking Enlightenment • Contemporary German Prose • Radical Thinkers

German is taught in lectures, classes and through independent study and recommended reading. Project work and group work will also feature.

Most modules have one major assessment component, such as an essay or an examination paper, plus one or more smaller continuous assessment components.

International Study Opportunities

The additional Erasmus year abroad for the BA Joint Honours can be spent at one of our partner institutions: Berlin (FU), Erfurt, Erlangen, Graz, Konstanz, Leipzig, Münster, Munich, Potsdam, Vienna, Würzburg.

Graduate Study

A degree in German is an ideal pathway to graduate study. Our graduate programmes include the MA in Modern Languages, MA in Linguistics & Applied Linguistics, Graduate Diploma in Localisation, and MLitt in German.

We also offer supervision for doctoral research in a range of specialised areas.

Careers

German is a passport to global careers. Our graduates have found lucrative employment in many different areas, including:

Advertising, Business, Finance, Civil/ Diplomatic Service, International Relations, Journalism, Politics, Teaching, Translation, Academia and Research, Careers in the EU.

Other Courses of Interest:

European Studies	35
Global Studies	36
Languages, Linguistics & Cultures	40
Education with Gaeilge &/ or Modern Languages	79

www.myucd.ie/german
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I always had a passion for languages, culture, and linguistics. This course has improved my language skills, knowledge of Irish literature, history and culture as well as a deeper appreciation for the people and traditions of Ireland. The Irish department has a true community feel; from the small class sizes to the Gaeltacht trips, you really get to know your classmates, lecturers and tutors. This makes it easy to form friendships and professional connections that can be extremely valuable going forward. Being multilingual in a language like Modern Irish can be a useful asset as the global community becomes increasingly interconnected. This leads to countless new opportunities for employment and cultural exchange. A challenging and rewarding academic experience.

Ellie Hammond, Graduate

IRISH/GAEILGE

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Cén fáth go n-oirfeadh an t-ábhar seo dom?

- Má tá suim agat sa Ghaeilge
- Más mian leat barr feabhais a chur ar do chuid scileanna cumarsáide agus teanga
- Más spéis leat cur leis an eolas atá agat ar litríocht agus ar stair na nGael

Beidh atmaisféar bríomhar scolártha ar fáil sna léachtaí agus sna ranganna teagaisc agus tú ag déanamh staidéir ar an nGaeilge, rud a chothóidh spéis san ábhar ionat agus a chuirfidh go mór leis an taithí foghlama a gheobhaidh tú agus tú in UCD. Tabharfaidh na modúil atá ar fáil sa Nua-Ghaeilge léargas duit ar réimsí léinn nua-aimseartha agus stairiúla, idir theanga agus litríocht – ó Fhionn agus na Fianna anuas go dtí TG4 agus go leor eile!

Cad atá i gceist?

Seo duit spléachadh ar na cineálacha modúl a chuireann muid ar fáil: Teanga na Gaeilge • An Nua-Fhilíocht • An Nua-Phrós • Iriseoireacht na Gaeilge • Athbheochan na Gaeilge • Gaeilge na hAlban • Bunchlocha an Aistriúcháin • Litríocht na Gaeilge roimh 1845 • An Scannánaíocht

Spreagtar an rannpháirtíocht i ranganna beaga teagaisc agus cuirtear deiseanna cumarsáide ar fáil sna ranganna comhrá freisin. Ar an gcaoi sin tabharfar deis duit feabhas a chur ar do chuid scileanna teanga, idir scríofa agus labhartha, agus aithne níos fearr a chur ar do chomhghleacaithe ranga agus ar na léachtóirí. Cuid ríthábhachtach den chéim seo is ea na cúrsaí Gaeltachta ag leibhéal 2 agus leibhéal 3 den chéim, mar a dtumtar mic léinn sa Ghaeilge bheoi gceantracha Gaeltachta in iarthar tíre agus mar a bhfaigheann siad deis cur amach níos fearr a fháil ar chanúintí éagsúla. Féachann muid le pobal Gaeilge a chothú san ollscoil agus chuige sin bíonn imeachtaí sóisialta agus acadúla fíorthábhachtach. Áis iontach eile is ea an Seomra Caidrimh, mar ar féidir le mic léinn bualadh le chéile in tmaisféar Gaelach agus caifé agus comhrá a roinnt i suíomh cairdiúil neamhfhoirmeálta. Bíonn fáilte roimh chách ann!

Deiseanna Gairme agus Staidéir Iarchéime

Anois an t-am is fearr chun cáilíocht a bhaint amach sa Ghaeilge agus raidhse leathan gairmeacha gradamúla le Gaeilge agus cúrsaí iarchéime ar fáil dóibh sin a bhfuil bunchéim le Gaeilge acu. Tá mórán deiseanna fostaíochta spreagúla ann i gcomhair céimithe le Gaeilge in Éirinn agus thar lear.

Is mó Gaeilge ná riamh a bhíonn in úsáid sa saol poiblí in Éirinn anois ó cuireadh Acht Teangacha nua i bhfeidhm in 2023 agus tiocfaidh méadú leanúnach ar an éileamh mór ar dhaoine a bhfuil sárscileanna Gaeilge acu. Bíonn an-tóir ar chéimithe le Gaeilge san Aontas Eorpach, mar a bhfuil an Ghaeilge ina teanga oibre iomlán, agus ar chláir scoláireachtaí agus theagaisc in ollscoileanna sna Stáit Aontaithe agus i gCeanada, cuir i gcás. Níl srian leis na féidearthachtaí!

Tá cáil ar an Nua-Ghaeilge in UCD as feabhas an taighde agus an teagaisc a chuireann muid ar fáil. Tá cúrsaí iarchéime nuálacha ar fáil do mhic léinn in UCD, lena n-áirítear an MA/Dioplóma Iarchéime sa Nua-Ghaeilge agus an MA/Dioplóma Iarchéime i Scríobh agus Cumarsáid na Gaeilge, mar aon le cáilíochtaí taighde MLitt agus PhD. Déan teagmháil linn chun tuilleadh eolais a fháil faoi na deiseanna seo.

Tá iarmhic léinn de chuid ár gcúrsaí léinn anois ag obair mar: áithreoirí teilifíse; múinteoirí bunscoile agus meánscoile; aistritheoirí; taighdeoirí; scríbhneoirí, eagarthóirí agus cóipeagarthóirí; riarthóirí agus oifigigh státseirbhíse; ateangairí; léachtóirí; iriseoirí; agus mórán rudaí eile!

Deiseanna Staidéir Idirnáisiúnta

Tá neart deiseanna ar fáil do mhic léinn Ghaeilge staidéar a dhéanamh in ollscoileanna éagsúla thar lear, lena n-áirítear: University of Edinburgh, UK • Sabhal Mòr Ostaig, University of the Highlands and Islands, UK • Aberystwyth University, Wales • Philipps-Universität Marburg, Germany • University of Western Brittany, France • Johannes Gutenberg-Universität, Mainz, Germany • Concordia University, Montréal, Canada

Other Courses of Interest:

Teanga, Litríocht & Aistriúchán/Irish Language, Literature & Translation	42
Education with Gaeilge &/ or Modern Languages	79

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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **49**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
We recommend that you should only study Irish if you have at least a H4 grade in Irish at Leaving Certificate Irish or equivalent

Studying Irish as a joint major with:
Art History • Irish Folklore • Celtic Civilisation • Irish Studies • Drama Studies • Latin • English • Linguistics • French • Mathematics • Geography • Music • German • Spanish • Greek • Portuguese • Statistics • Greek & Roman Civilisation • History

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **11**

General Entry Requirements
See pages 197 - 207

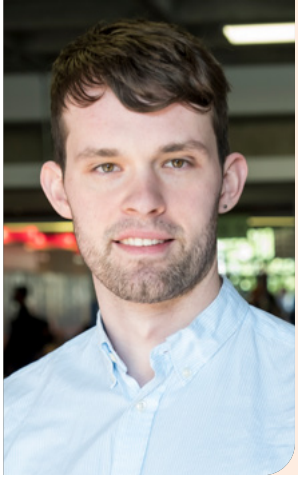
Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Special Entry Recommendation
We recommend that you should only study Irish if you have at least a H4 grade in Irish at Leaving Certificate Irish or equivalent

Studying Irish as a minor with:
Archaeology • Philosophy • Economics • Sociology Geography • Information & Communication Studies Politics & International Relations

IRISH FOLKLORE

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700



I chose to study Irish Folklore because of the expertise offered here at UCD. The subject has inspired me in so many ways. It has revolutionised the way I perceive the world around me, which is so full of detail, when you take a closer look. Many of us have heard old tales, and played old games in our childhood, and through studying Folklore, we can develop a much greater appreciation for these modes of expression. I love the atmosphere of the classroom and our professors are always open to a chat in the corridor. I also thoroughly enjoy the independent learning environment at UCD. A lot of my work is completed through my own reading and self guided research. You get out what you put in!

Caolan Maher, Student

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **21**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Irish Folklore as a joint major with:

- Celtic Civilisation
- Drama Studies
- English
- Film Studies
- French
- German
- Greek
- History
- Irish Studies
- Irish/Gaeilge
- Italian
- Latin
- Mathematics
- Music
- Spanish

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes
Same as above

Studying Irish Folklore as a minor with:

- Archaeology

Other Courses of Interest:

History 37
Irish Studies 39
Irish Folklore 54

Why is this course for me?

Studying folklore involves the exploration of traditional popular culture, in the past and in the present. It is primarily concerned with the history and culture of ordinary people, and with the evolution and role of tradition at a vernacular level. As an academic discipline, Folklore (or ethnology) involves the exploration of oral literature, social tradition, material culture, popular belief and practice, as well as traditional music and song. It explores the dynamics of communal memory and of culture as a collective phenomenon. It looks at the nature of popular tradition and the way in which such tradition is transmitted, usually outside of official channels and often across vast distances of time and space.

This course investigates Irish Folklore as a local expression of international cultural phenomena, making the subject particularly suitable for international students.

What will I study?

First Year

In first year, modules allow you to explore the nature and context of Folklore and provide you with a general introduction to the wide range of topics involved. You will be introduced to key texts on Irish Folklore and to some of the principal sources of information on the subject.

Modules include: Introduction to Folklore • Folklore & the Imagination

Second & Final Year

Irish Folklore is taught in lectures, with additional tutorials in several modules. Classes are in English. Prior knowledge of the Irish language is not required, however, students will find it beneficial in some areas of the subject. Modules include: The Study of Folklore: Origins & Development • Material Culture • Social Life & Legend • The Narrative Art • Healers & Healing • Music & Words: Identity in the Irish Context

Assessment in all modules involves a combination of in-trimester assignment work and an end-of-trimester exam.

International Study Opportunities

There are opportunities for students to spend a year studying abroad while pursuing a BA Arts in Irish Folklore. Possibilities include Europe, Canada and the United States.

Graduate Study

Graduates are prepared to pursue MA and Diploma courses in Irish Folklore at graduate level, as well as MLitt and PhD studies, specialising in one of the many areas of the subject.

Careers

A degree in Irish Folklore is relevant to anyone interested in popular culture, tradition and society, and their interconnections. It provides an excellent basis for careers in:

- Heritage Bodies and Institutions
- Community Organisations and Local Development Initiatives
- Media and Journalism
- Teaching
- Areas related to Irish Studies, Local Studies and Ethnic Studies
- Communications

Key Fact

UCD houses the award-winning UNESCO National Folklore Collection. It is recognised as one of Europe's largest archives of oral and cultural history, and is committed to collecting and documenting the folklore and folk customs of all Irish communities, past and present.

www.myucd.ie/irish-folklore
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Instagram/Facebook/Twitter: @MyUCD

Although I was already fluent in Italian, I believed that a greater grasp of grammar would benefit me. It has also grown and strengthened my language and communication skills in English too. Learning a language impacts your understanding of languages in general, making it a transferable skill. It has really inspired me and I really understand the close connection between language and culture now. My Erasmus year in Sardinia really solidified this and encouraged me to pay close attention to different dialects of Italian spoken in different regions. I enjoy studying Italian mostly because of its association with good food and art however my favourite part of learning Italian is studying Italian texts in the original language.

Francesca Young, Student

ITALIAN

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

Take up Italian and you will open up excellent career opportunities in many areas of business and society. Italian is an exciting language to study – you will have the option to spend a year studying in Italy, one of the world's most beautiful and fascinating countries. At UCD, you will be immersed in Italian culture, from cinema to history of the language to contemporary Italian writers.

Italian accepts both beginners and non-beginners. Indeed, most of our students are beginners. So, if you are thinking of stretching yourself with a new language you will be in good company! We strongly encourage our students to spend a year abroad as part of their degree. Studying abroad is a valuable experience, which enables you to perfect your language skills and immerse yourself in a different culture. Alternatively, if you wish to study more than one language, with a year abroad, consider DN541 Modern Languages.

What will I study?

First Year

You will study core language modules alongside a range of options in culture, history, literature and translation. Examples of modules include: Italian language 1A (beginners) • Italian language 1B (non-beginners) • Making Italy

Second and Final Year

You will deepen your understanding of Italian with in-depth modules, including: • Italian Language 2A • Italian Language 2B • Italian Short Stories • Reading Italian Literature • Italian Cinema & Society • Italian Language 3A • Italian Language 3B • Politics & Morals in Renaissance Italy • Italian Literary Adaptations • 20th Century Italian Women Writers • Italian History 1815-1945 • The Story of Italian 2: Modern Age & Today

You will have the opportunity to study abroad for your third year. Language modules are taught in small groups, and literature and culture modules are taught through both lectures and tutorials.

Assessment is through a combination of continuous assessment and end-of-trimester exams.

International Study Opportunities

We recommend that after second year, you complete an Erasmus year at an Italian university to achieve the level of proficiency required by employers and for graduate studies. We have links with Bologna, Cagliari, Macerata, Milan, Rome, Trento and Urbino.

Upon completion of your fourth year, you will then be awarded a BA Arts International. Places may be limited and preference will be given to those with higher results.

Graduate Study

Studying Italian opens the door to graduate studies in UCD or other international universities. Our graduate courses include the MA in Modern Languages, MA in Applied Languages, MA in Applied Linguistics and MLitt in Italian. We also offer supervision for doctoral research in a range of specialised areas.

Careers

- Multinational organisations such as the EU, UN and NGOs
- Multinational Companies
- The Diplomatic Service
- Communications and Marketing
- Hospitality and Entertainment
- Teaching
- Publishing
- Journalism
- Translation and Interpreting

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **20**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Italian as a joint major with:
Art History • History • Celtic Civilisation Irish Folklore • Drama Studies • Irish Studies • English • Latin • French • Linguistics • German • Mathematics • Greek • Music • Greek & Roman Civilisation • Portuguese • Spanish

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes
Same as above

Studying Italian as a minor with:
- Sociology
- Politics & International Relations

www.myucd.ie/italian
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Other Courses of Interest:

LINGUISTICS

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

I chose to study Linguistics because I was curious about the way people speak. I wanted to know how accents are formed and how different factors such as age, gender or class influence the way you talk. I wanted to know why I couldn't shake my foreign accent when speaking German. If you find any of this interesting, Linguistics is for you. One of my favourite parts of studying Linguistics at UCD is the faculty. The professors and lecturers are some of the most down to earth, open and lovely people, whilst also being superb and engaging educators. The other part is the realisation that a world without language is a world without humanity, and, with the knowledge I now have I would like to think I know a little more about what makes humans tick.

Oisin O'Sullivan, Student

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **61**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Linguistics as a joint major with:
Celtic Civilisation • Irish Studies • Drama Studies Irish/Gaeilge • English • Italian • Film Studies • Latin • French • Mathematics • German • Music • Greek • Portuguese • Spanish • History • Statistics • Information & Communications

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes Same as above

Studying Linguistics as a minor with:
Geography • Philosophy • Sociology • Politics & International Relations

Why is this course for me?

Language is something we take for granted but it is one of the most important skills we possess as human beings. It is hard to imagine any activity that does not involve language in some way. This makes linguistics (the scientific study of language) one of the most intriguing and interesting subjects.

What will I study?

First Year

Modules are introductory in nature and provide an overview of the many interesting topics dealt with in Linguistics, including:

- The sounds used in languages
- The structure and meaning of words and sentences
- The way language is acquired by children
- How we use language to represent ourselves and to communicate with others

Modules include: Language Acquisition & Language Disruption • Sounds in Languages • Language Use & Communication • Words & Sentences

Second & Final Year

Modules provide a more in-depth analysis of the areas already introduced, as well as looking at other areas, such as:

Global English • Intercultural Communication • Minority & Endangered Languages • Introduction to Translation • Meaning in Language • Corpus Linguistics • First Language Acquisition • Language Impairment

Linguistics modules comprise a lively mix of lectures, tutorials and hands-on exercises.

Assessment involves a stimulating mix of essays, group projects, exams and presentations, so that students can fully demonstrate their learning and understanding.

International Study Opportunities

Linguistics students have availed of opportunities to study abroad as part of their course. Exchange options include:

- Augsburg, Germany
- Paris, France
- Barcelona, Spain
- Valladolid, Spain
- Bilbao, Spain
- North Carolina, USA
- Toronto, Canada
- Tokyo, Japan

Graduate Study

Linguistics graduates often pursue further studies at UCD, specialising in one of the many areas of linguistics or exploring related areas such as cognitive science, computer science or sociology.

Careers

Studying Linguistics develops essential skills that will allow you to pursue a diverse range of careers, including:

- Speech and Language Therapy
- Language Teaching
- Editing and Publishing
- Journalism
- Social Media
- Business
- Advertising
- Software Development
- Database Analysis
- Localisation and Global Content Management
- Natural Language Processing

Other Courses of Interest:

Languages Linguistics & Culture 40
Modern Languages 43

LEARN MORE

www.myucd.ie/linguistics
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Picking music in UCD was a very easy choice for me. I have always been a very musical person, singing from a young age and teaching myself to play instruments through the years. I chose music in UCD to further my music theory and culture education, and I have learned so much in my three years here. The broad variety of modules available has truly helped me become the musician I am today. Everyone in the UCD School of Music has been so helpful and supportive, and you really do feel at home here.

Isobel Jennings, Student

MUSIC

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

Music is a universal form of expression, one that captures our imagination.

in countless ways. In UCD, we equip students with the skills necessary to understand a wide variety of musical practices. Study music in UCD if you love performing, listening to and talking about music.

Develop your musicianship through both theory and performance. Deepen your knowledge of musical history and cultures. Analyse the important role music plays in contemporary life. Learn how to research and write about specific musical genres and topics. Find out why music is such a central part of being human.

What will I study?

First Year

Modules include: Writing about Music • Listening to Music • Music, Culture & Society • Musicianship • Music Theory 1, plus a choice of performance ensembles.

Second & Final Year

Core modules on music history, theory, and Irish/world music, with options including: Popular Music & Culture • Techniques of Composition • Blues & Jazz • Traditional Music Practices • Post-Truth, Politics and Music • Music & Philosophy • The Piano Concerto • Music & the Moving Image • Music Theatre, plus a choice of performance ensembles

Music is taught in lectures, seminars, tutorials, ensemble rehearsals, and through independent study and practice. Students are assessed through a mixture of exams, dissertations, group presentations, continuous assessment, recitals and concerts.

There are six professionally-directed ensembles in UCD that students can take part in for credit: Ad Astra Chamber Orchestra, UCD Choral Scholars, UCD Composition Ensemble, UCD Gamelan Orchestra, UCD Philharmonic Choir, and UCD Symphony Orchestra. Auditions take place during the first two weeks of the trimester.

BMus

Students who wish to study a pure music degree after one year of the BA Joint Honours (DN520), may apply to transfer to the single subject BMus, if they meet the entry requirements. Alternatively, following completion of the BA, you may add a BMus degree by studying for another year.

International Study Opportunities

The UCD School of Music operates Erasmus exchange programmes with universities in Munich, Prague and Rouen. Non-EU exchange opportunities include Queen's University in Ontario, Canada; Waseda University in Tokyo, Japan and University of California in Los Angeles, USA.

Graduate Study

Music graduates often pursue further study. The UCD School of Music offers a taught MMus in Music & Culture, plus research-based MLitt and PhD programmes.

Careers

Music graduates have a range of skills including research, critical thinking and writing that enable them to pursue careers in performance, the music industry, journalism, media, arts administration, education, academia, and music therapy.

Performance Scholarships

The School of Music offers over forty performance scholarships each academic year, via the UCD Choral Scholars and the UCD Symphony Orchestra. Scholars regularly perform on radio, TV and at major events. Details on criteria and auditions can be found on our website **www.ucd.ie/music/**.

Other Courses of Interest:
Music, Film & Drama 41

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **44**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
In order to study Music, we strongly recommend that you achieve a H4 in Leaving Certificate Music or the equivalent of Grade V ABRSM Music Theory

Studying Music as a joint major with:
Art History • Irish Folklore • Celtic Civilisation • Irish Studies • Drama Studies • Irish/Gaeilge • English • Italian • Film Studies • Latin • French • Linguistics • Geography • Mathematics • German • Portuguese • Philosophy • Greek & Roman Civilisation • Spanish

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes
Same as above

Studying Music as a minor with:
• Information & Communication Studies

www.myucd.ie/music
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

SPANISH

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

I chose to study Spanish as I believe learning a language opens doors for us as it allows us to communicate with people from all over the world. In addition to learning the Spanish language, my course allowed me to learn about Spanish and Latin American culture which truly enriches the learning experience. I enjoyed applying my Spanish knowledge to analyse literature and film in my cultural modules, and found it really rewarding. In addition to realising the value of language and expression, studying Spanish made me more open-minded and aware of issues in society. My course has certainly inspired me to travel more as we get to learn so much when we are exposed to different languages and cultures.

Bianka Csikos, Student

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **57**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
In First Year two streams are offered, one for absolute beginners and another for non-beginners. For the non-beginners level a minimum of H4 grade in Leaving Certificate Spanish or equivalent is strongly recommended.

Studying Spanish as a joint major with:
Art History • History • Celtic Civilisation • Irish Folklore • Drama Studies • Irish/Gaeilge • English • Italian • Film StudiesLinguistics • French • Music • Greek • Statistics • Greek & Roman Civilisation

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **9**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes Same as above

Studying Spanish as a minor with:
• Politics & International Relations

Why is this course for me?

Spanish is a truly global language, spoken by more than 400 million people around the world. Taught through interactive language classes, Spanish at UCD is accessible in the initial stages of learning and it is also richly rewarding for those interested in the more advanced subtleties of linguistic study. In tandem with learning to communicate effectively in Spanish, a combination of lectures, tutorials and group work enables you to pursue your own readings of and reflections upon works by major authors.

This will deepen your knowledge of Hispanic culture, as well as sharpen your critical faculties. Opportunities will be available to study Portuguese.

We accept both absolute beginners (taught separately in first year) and non- beginners.

We strongly encourage our students to spend a year abroad as part of their degree. Studying abroad is a valuable experience, which enables you to perfect your language skills and immerse yourself in a different culture. Alternatively, if you wish to study more than one language, with a year abroad, consider DN541 Modern Languages.

What will I study?

We aim to train you in the four main skills of reading, writing, speaking and listening. A complementary objective is to focus on the analytical study and understanding of Hispanic literatures and cultures. Students have the opportunity to study for an Erasmus year in Spain, Latin America or Portugal.

First Year

Modules include: Intensive Beginners' Spanish 1A & Intensive ab initio Spanish 1B OR Spanish Language 1A & Spanish Language 1B • Study Skills • Stories, Poetry, Drama, Short Texts • Portuguese Language Electives

Second & Final Year

Modules include: Spanish Language 2A • Spanish Language 2B • Latin American Literature & Culture • Modern Novel • Film • Poetry • Fine Arts • Theatre • Commercial Spanish • Advanced Oral Language • Electives, including Portuguese Language

Spanish is taught in lectures and classes and there is an emphasis on independent study. Assessments are varied and include end-of-trimester examinations, coursework, presentations and projects.

International Study Opportunities

We operate exchanges with several partner institutions in Spain, Latin America and Portugal, including:

- Deusto, Bilbao, Spain
- Cáceres, Spain
- Valencia, Spain
- Valladolid, Spain
- Salamanca, Spain
- Castilla-La-Mancha (Ciudad Real), Spain
- Seville, Spain
- Pontificia Universidad Católica de Chile (Santiago), Chile
- Querétaro, Mexico
- Austral, Buenos Aires, Argentina
- Montevideo, Uruguay
- Lisbon, Portugal
- Coimbra, Portugal

Places may be limited, with preference given to those with higher results.

Graduate Study

Our graduates are also eligible to apply for the MA in Modern Languages and other taught Masters offered by UCD in Languages and Linguistics. MLitt and PhD programmes are also available.

Careers

Our graduates are flexible, articulate and employable people who enjoy careers in: Civil Service, Journalism, Banking and Business, Teaching, Tourism and Communications.

Other Courses of Interest:

Languages Linguistics & Culture	40
Modern Languages	43
Education with Gaeilge &/ or Modern Languages	79

LEARN MORE

www.myucd.ie/spanish
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Being one of the most-spoken languages in the world, Portuguese offers a strong array of cultural and business opportunities. In addition to language skills, students at UCD will enhance their knowledge of Lusophone culture and history, opening gateways to Portugal, Brazil and many other Portuguese-speaking countries in Africa and Asia. Studying Portuguese at UCD is definitely an excellent opportunity if you wish to open your horizons and in modern multicultural Ireland. It is also a very valuable asset on your CV.

Dr Romeu Foz

PORTUGUESE

BA (Hons) (NFQ Level 8)

Why is this course for me?

Portuguese is a global language, spoken across four continents by more than 250 million people. Studying Portuguese offers valuable career opportunities in many areas of business and society both in Ireland and abroad. During your degree at UCD, you will delve into the language and the cultural diversity of the Portuguese-speaking world. You will also enhance your critical thinking, intercultural understanding and communication skills.

Our students are strongly encouraged to spend a year abroad at a host university in Portugal or a Portuguese-speaking country as part of their degree. This experience will enable you to perfect your language skills and to broaden your horizons. We welcome both absolute beginners and non-beginners.

What will I study?

You will study core language modules alongside a range of option modules which focus on Portuguese-language culture, history, literature and film across our three-year or four-year BA and BHum degree programmes. If you wish to study more than one language, with a built-in year abroad, you might choose Portuguese as part of the DN541 Modern Languages (BAIML) degree.

Examples of modules may include:

First Year

Portuguese Language modules (1a and 1b) • Film and Fiction in the Portuguese-speaking World • Reading Portuguese Literature

Second Year

Portuguese Language modules (2a and 2b) • Portuguese Postcolonial Literature • Intro to Brazilian Culture • Let's Talk Portuguese 1

Third Year

Portuguese Language modules (3a and 3b) • 20th-century Portugal via Film • 20-century Portuguese Poetry • Brazilian Visual Cultures • Modernist Brazilian Literature

International Study Opportunities

The third year abroad for students of Portuguese may be spent at one of our partner institutions in Portugal, such as the University of Porto and University of Coimbra (the latter is one of the oldest universities in the world), or further afield.

Graduate Study

Studying Portuguese as part of a BA, BAIML and BHum degree may lead to further study of Portuguese on the UCD MA in Modern Languages or as part of the new UCD MA in Languages and Image Studies.

Careers

Learning Portuguese may lead to careers in a wide range of areas including:

International Business; International Relations; Diplomatic Service; Translating and Interpreting; Communication and Marketing; Journalism and Media; Tourism; Health; Education.

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years (4 years BA International)**
Typical Class Size: **New**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendation
In First Year both absolute beginners and non-beginners are welcome and may be accommodated in separate streams. For the non-beginners level a minimum of H4 grade in Leaving Certificate Portuguese or equivalent is strongly recommended.

Studying Portuguese as a joint major with:

- Celtic Civilisation
- Drama Studies
- English
- Film Studies
- French
- German
- Greek
- History
- Irish/Gaeilge French
- Irish Studies
- Italian
- Latin
- Mathematics
- Music
- Spanish
- Statistics

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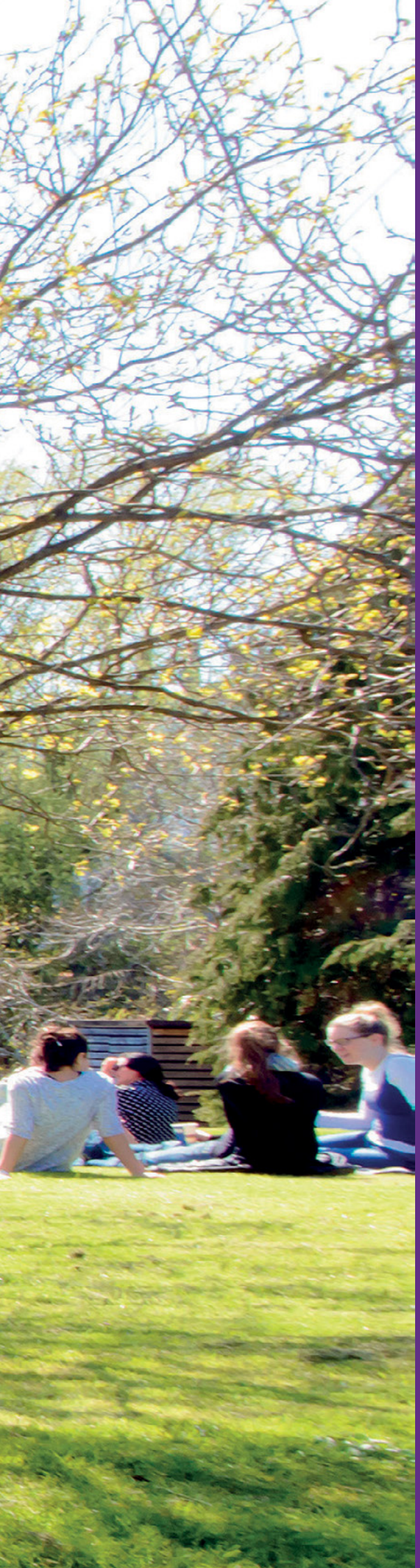
Other Courses of Interest:

Languages Linguistics & Culture	40
Modern Languages	43
Education with Gaeilge &/ or Modern Languages	79



SOCIAL SCIENCES

Why do people behave the way they do? How do social, cultural, political and economic forces shape our lives and the world in which we live?

If these types of questions about society and social relationships spark your interest, prepare to be challenged and fascinated by studying social sciences in UCD. You will examine the nature of our society and the issues confronting humanity, including climate change, crime and violence, social and economic inequality, gender justice, sustainable cities, human development, economic growth and big data.

Why UCD Social Sciences?

UCD leads the way with the broadest and most diverse Social Sciences programmes in Ireland offering innovative education and research to address the critical social, political, cultural and economic concerns of our time. You will study with internationally renowned academics and capitalise on UCD's impressive international subject rankings.

You will develop the skills required to succeed in today's rapid paced business and societal environment, including research, problem solving, analysis and communication. In addition, you will develop expertise in the research techniques employed by social scientists.

International Study Opportunities

With UCD Social Sciences, students can apply to study abroad in leading universities in the UK, US, Europe, Australia and Asia. In the four-year degree, study abroad opportunities are integrated into the third-year curriculum. Students who take Social Sciences subjects with a language minor will spend their third year abroad in a partner university. Study abroad is also available as an option in our three-year degrees. Students can opt to extend their degree by one year studying abroad and graduate with a BSc or BSocSc International degree.

Internship Programme

BSc Social Sciences students can apply for an optional paid internship placement over one trimester in their third year. Students gain relevant, real-world professional experience related to their field of study in a business, government agency or a non-profit organisation during their internship.

Career Opportunities

Social sciences graduates are valued by employers for their skills in research, leadership and communication. Graduates progress to work in government, NGOs, the media and businesses as economists, policymakers, environmentalists, activists, information managers, HR managers, entrepreneurs, journalists, statisticians, urban planners, archaeologists, librarians, secondary school teachers, social workers, researchers and many more professions across the public and private sectors.

There are five distinct degrees within Social Sciences at UCD:

- BSc Economics (Three Years)
- BSc Psychology (Three Years)
- BSocSc Social Policy & Sociology (Three Years)
- BSc Social Sciences (Four Years)
- BEd Education, Gaeilge &/or Modern Languages (Four Years)

BSc Economics – DN710

The three-year BSc in Economics is a Single-Major degree for students who are focused on studying only economics as a single subject. Graduates often progress to further study to become Economists. When you apply for this degree via the CAO, you choose DN710 BSc Economics. See page 68 for more details.

BSc Psychology – DN720

The three-year BSc in Psychology is a professional degree accredited by the Psychological Society of Ireland. You study Psychology in UCD as a single subject degree only. Graduates often progress to further study to become Clinical Psychologists. When you apply for this degree via the CAO, you choose DN720 BSc Psychology. See page 78 for more details.

BSocSc Social Policy & Sociology – DN750

This three-year BSocSc Social Policy & Sociology degree is a Joint Major in Social Policy & Sociology. This degree was previously named the BSocSc in Social Sciences. Graduates often progress to further study to become social workers or work in public policy or human resources management. When you apply for this degree via the CAO, you choose DN750 BSocSc Social Policy & Sociology. See page 77 for more details.

BEd Education with Gaeilge &/or Modern Languages – DN760

This new four-year teacher education degree, accredited by the Teaching Council of Ireland, affords students the opportunity to study languages (French, Spanish, German, Italian, Gaeilge, Portuguese) while also engaging in foundational education modules to prepare for teaching in post-primary schools in Ireland. See page 79 for details.

Find out more:
UCD Social Sciences
Virtual Tour

@MyUCD

BSc Social Sciences – DN700

Social Sciences students explore society and how people behave as individuals and in groups. With the four-year Social Sciences degree, you choose DN700 at CAO and then select your preferred option below. Your subject choices are guaranteed. There are options to change subject choices at the end of first year if you wish. You will gain a deep understanding of each subject you choose to study and develop real-world skills in research, communication and leadership. You may additionally apply for an internship, or study abroad for a year or a trimester. You will learn to analyse, criticise and challenge beliefs and assumptions – including your own. Overall, there are 525 places in DN700. The average number of students taking each option is shown on the relevant page.

Choose your course from one of the following four options below:

Computational Social Science	Economics, Mathematics & Statistics	Philosophy, Politics & Economics	Two Subject Combination

Two Subject Combination (TSC)

If you choose two subject combination please note that in a Joint Major degree (e.g. Archaeology and Economics), students take an equal number of modules in both subjects. In a Major/Minor degree (e.g. Geography with English), students take substantially more modules in their Major subject (e.g. Geography).

Studying Archaeology

as a Joint Major with one of the below:

Geography	Economics
Sociology	Mathematics
Philosophy	Social Justice
Statistics	
Politics & International Relations	
Information & Communication Studies	

OR with one Minor subject

Art History	Irish Folklore
Celtic Civilisation	Chinese
Earth Sciences	Irish
Greek & Roman Civilisation	

Studying Economics

as a Joint Major with one of the below:

Archaeology	Sociology
Geography	Mathematics
Philosophy	Social Justice
Statistics	History
Politics & International Relations	
Information & Communication Studies	

OR with one Minor subject

Irish	German
Chinese	

Studying Geography

as a Joint Major with one of the below:

Archaeology	Sociology
Economics	Mathematics
Social Justice	Philosophy
Statistics	
Politics & International Relations	
Information & Communication Studies	

OR with one Minor subject

English	Linguistics
Earth Sciences	Irish
Greek & Roman Civilisation	History

Studying Information & Communication Studies

as a Joint Major with one of the below:

Archaeology	Sociology
Economics	Mathematics
Geography	Social Justice
Philosophy	Statistics
Politics & International Relations	

OR with one Minor subject

Music	Irish

Studying Philosophy

as a Joint Major with one of the below:

Archaeology	Sociology
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Politics & International Relations	

OR with one Minor subject

Chinese	Irish
Greek	Linguistics

Studying Politics & International Relations

as a Joint Major with one of the below:

Archaeology	Sociology
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Philosophy	

OR with one Minor subject

Linguistics	Irish
Chinese	Italian
French	Spanish
German	

Studying Sociology

as a Joint Major with one of the below:

Archaeology	Politics & International Relations
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Philosophy	

OR with one Minor subject

Art History	German
English	Irish
Linguistics	Italian

Studying Social Justice

as a Joint Major with one of the below:

Archaeology	Philosophy
Economics	Politics & International Relations
Geography	Sociology
Information & Communication Studies	

COMPUTATIONAL SOCIAL SCIENCE

BSc (Hons) (NFQ Level 8)

I chose Computational Social Science as it uses technology to understand and solve complex social issues. This program combines computer science and the social sciences to study human behavior and social systems. It uses large data sets, simulations, and models to understand the complex dynamics and patterns of human interactions in areas such as economics, politics and International relations, geography and sociology. The professors are knowledgeable and engaging, and the hands-on projects and real-world applications have given me a strong foundation in the field. I am grateful for the opportunity to study it at UCD because of its reputation for academic excellence.

Dave Lugatiman, Student

CAO Code: DN700

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **30**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
In order to study this degree, we strongly recommend that you also have at least a Grade H4 in Leaving Certificate mathematics, or equivalent

Why is this course for me?

The world around us is undergoing significant changes due to digitization and deployment of Artificial Intelligence. Today we are more interconnected than ever before. As we navigate this new social landscape, we leave behind digital footprints that can be analyzed and interpreted through the lens of Computational Social Science. This field of study leverages the power of big data, computer simulations, and social network analysis to gain insights into social phenomena and individual behaviour. If you want to contribute to shaping the future of our social digital life, this course is for you!

What will I study?

The BSc degree in Computational Social Science is leading the way in this field of study in Europe and beyond. This course offers a unique combination of training in both computational and social science subjects.

As a student, you will have the opportunity to study two social science subjects out of Sociology, Politics, Geography or Economics, as well as a range of modules which teach you how to analyze human social behavior using data science, machine learning, social simulation, and mathematical modeling techniques. These skills are highly valued in today's competitive job market.

First Year

The first year includes core modules in: Computational Social Science • Programming • Statistical Modelling & Linear Algebra. In addition, students choose three modules each in two social science subjects: Sociology • Politics • Economics • Geography • Elective module

Second Year

The second year includes further training in Applied and Advanced Computational Social Science methods, as well as courses in Probability Theory • Programming • Calculus and modules in your two social sciences subjects, as well as options from a range of other subjects.

Third Year

The third year provides the opportunity for students to apply for a trimester abroad at another leading university in Computational Social Science and an internship with an industry partner.

Fourth Year

The fourth year includes more modules on data analysis in the social sciences, social dynamics and a research project that will strengthen and consolidate learning in key areas of Computational Social Science.

Assessment

Students usually attend lectures and participate in seminar discussions and lab tutorials. Assessment is based on assignments throughout the trimester, small group work, individual reports, traditional exams and other forms of assessment.

International Study Opportunities

During the third year, trimester-long study opportunities will be offered in a number of international partner universities.

Internship Opportunities

In third year, students can apply for an optional paid internship for one trimester in a range of organisations in the public and private sector, which help to inform future career decisions through real-world experience.

Career & Graduate Study Opportunities

This course is designed to prepare students for employment opportunities related to the curation and analysis of social big data as well as deploying computational methods such as simulation and machine learning to social scenarios for better policy testing and development. With the increasing demand for social data science expertise, graduates of this course can expect to find employment in a variety of sectors, including Information Technology companies such as Google, Deepmind, Microsoft, LinkedIn, Accenture, Twitter, and Facebook, as well as industries such as Finance, Insurance, Manufacturing, Retail and Energy. Public sector and NGO's are among the other markets where social data scientists are in high demand. Graduate study opportunities include Social Data Science, Social Sciences, Mathematics and Statistics, Computer Science and Informatics, and other interdisciplinary programmes.

Other Courses of Interest:

Economics, Mathematics & Statistics	65
Computer Science	140
Computer Science with Data Science	141

LEARN MORE

www.myucd.ie/css
Associate Professor Taha Yasseri
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taha.yasseri@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I always enjoyed maths at school but liked the idea of studying economics and statistics too, given that the three subjects complement each other and provide variety in my learning. UCD's electives offer even more variety, I chose a module in Classical studies. The combination of subjects gives a thorough knowledge of both the theoretical and practical sides of maths and its applications, making it perfect for someone like myself who intends working in the finance sector. The UCD staff are incredibly helpful when things get difficult academically, this support allows me to continue playing hockey here in UCD.

Hazel Hourigan, Student

ECONOMICS, MATHEMATICS & STATISTICS

BSc (Hons) (NFQ Level 8)

CAO Code: DN700

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **41**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
In order to study this degree, we strongly recommend that you also have at least a Grade H4 in Leaving Certificate Mathematics, or equivalent

Why is this course for me?

If you are interested in Mathematics, Statistics and Economics, then this course will enable you to explore these areas in depth, while also emphasising how they complement each other. Economists employ mathematics to design theoretical models and use statistics to test these models and shed light on the tremendous amount of data that is generated by the economy. In turn, the models and data that are part of the study of economics provide an interesting source of applications for students that have learned mathematical and statistical skills.

What will I study?

You will study Economics, Mathematics and Statistics, providing you with a solid foundation in all three subjects. You will also be given the opportunity to specialise in the latter stages of your degree, for example, in applied economics, advanced statistics, mathematical modelling of complex processes, or developing "Big Data" skills.

Through your study, you will develop skills in data analysis, and be supported in the development of your analytical and problem-solving skills, as well as in the application of these skills to understanding real economic issues. The degree will provide a structured approach to developing skills of analysis, problem design and resolution using mathematics, economic theory, data analysis and statistical methods.

First Year

Introduction to Economics • Principles of Microeconomics • Principles of Macroeconomics • Practical Statistics • Statistical Modelling • Calculus • Linear Algebra 1 • Combinatorics & Number Theory • Introduction to Programming • Elective module

Second Year

Intermediate Microeconomics • Intermediate Macroeconomics • Probability • Predictive Analytics 1 • Inferential Statistics • Multivariable Calculus • Analysis • Linear Algebra 2 • Algebraic Structures • Elective modules

Third & Fourth Year

Econometrics • Time Series Analysis • Complex Analysis • Financial Mathematics • Stochastic Models • Specialist Economics options • Study Abroad opportunity • Internship opportunity • Research module • Elective modules

Assessment

Assessment is through a combination of end-of-trimester written examinations, projects and continuous assessment

International Study Opportunities

Students may apply to study abroad at international partner universities in third year.

Internship Opportunities

In third year, students can apply for an optional paid internship for one trimester in a range of organisations in the public and private sector, which help to inform future career decisions through real-world experience.

Career & Graduate Study Opportunities

The skills and problem-solving abilities you acquire in this degree are highly prized in a range of professions, in both private and public sectors, including banking, finance, accounting, management consultancy, broadcasting, business, journalism, teaching and communications.

Many students pursue graduate study in Economics, Mathematics or Statistics, leading to Masters and PhD degrees. Both the School of Economics and the School of Mathematics and Statistics offer Masters programmes aimed at further developing analytical and professional skills. Postgraduate qualifications are necessary to work as a professional economist.

www.myucd.ie/ems
Assistant Professor Kevin Hutchinson
UCD School of Mathematics and Statistics
kevin.hutchinson@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:
Economics 68

PHILOSOPHY, POLITICS & ECONOMICS

BSc (Hons) (NFQ Level 8)

CAO Code: DN700

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **74**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
In order to study this degree, we strongly recommend that you have at least a Grade O3/H7 in Leaving Certificate mathematics, or equivalent.

I chose to study Philosophy, Politics and Economics (PPE) because the three subjects that it covers are driving forces behind how the world works. There is a huge overlap between the subjects and the three elements draw heavily from one another. The chance to study abroad or avail of an internship during third year is a fantastic opportunity, and was a motivating factor behind me choosing UCD. The content learned throughout this degree, particularly the analytical and critical thinking skills, is extremely applicable to real world careers. I would recommend PPE to ambitious students who are ethically motivated and interested in studying a practical, well-rounded degree.

Cathal Purcell, Student

Why is this course for me?

PPE provides a broad and deep understanding of how a society works, and indeed how international society works. It examines the complex economic and political forces in play, the problems of measuring and assessing the health of society, and the principles of justice that should guide political decision-making to improve society. PPE will teach students how to read beyond media headlines, and where to find more information about the hot policy questions of the day, in national and international contexts.

What will I study?

PPE provides a thorough grounding in all three disciplines that are core to the social sciences. The course is quite structured at first, but allows more choice and more specialisation with each successive year. This course provides both a well-rounded education in philosophy, politics and economics, and every opportunity for you to determine for yourself which subject or combination of subjects you would like to specialise in.

First Year

Students are introduced to: political science and political theory, to micro and macro-economics, and to ethics and critical thinking. Students will take the core module Introducing PPE. They will also learn about researching and writing essays.

Second Year

Students will study the relationship between individuals and the state, how to analyse and work with economic data, and the philosophical principles underlying the social sciences.

Third Year

Students continue to deepen their understanding of all three disciplines, while paying more attention to the overlaps between them, such as political economy and critical theory. Students may apply to study abroad in third year.

Fourth Year

There is much more choice among specialised option modules in the final year. Students also have the option of continuing in the three-discipline version or of concentrating on only two disciplines.

Assessment

Generally, assessment will be by take-home essay and by exam-based essay in Philosophy and Politics, and by project and a combination of mid-term and end-of-term assignments in economics. Innovative online assessment will also be used throughout.

International Study Opportunities

A number of trimester-long study opportunities will be offered with PPE universities in the Netherlands, Germany and Switzerland.

Career & Graduate Study Opportunities

PPE programmes are scattered throughout many of the top universities in the world, attracting the best and most ambitious students and educating cohorts of politicians, civil servants, journalists and managers. All three disciplines share a commitment to rigour and problem-solving that will develop useful skills for any career–skills such as research, analysis, written expression and interpreting data. Graduates may pursue a specialist Masters degree in Philosophy, Politics or Economics or progress to various interdisciplinary Masters degrees in related subjects.

Other Courses of Interest:

Economics	68
Law with Philosophy	98
Law with Politics	99

LEARN MORE

www.myucd.ie/ppe
Undergraduate Office
UCD School of Politics & International Relations
spire@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Archaeology has always been a subject that's interested me since I was very young; even before I knew what it was. Understanding the thought process of people from thousands of years ago fascinated me, and I was happy to discover that UCD had a course that would feed my curiosity. There is something in this course for every learning type, from hands-on experiments to field trips to lectures and an option to study abroad in your third year. The professors and staff are super approachable no matter the circumstance and always offer guidance on any academic issues; it creates such a positive learning experience.

Hannah Costello, Student

ARCHAEOLOGY

BSc (Hons) (NFQ Level 8) – DN700
BA (Hons) (NFQ Level 8) – DN520

Why is this course for me?

If you study Archaeology, you will see the world, time and the human condition in an entirely new way. Archaeology is a uniquely multidisciplinary subject, using all sources of evidence from the past, from ancient manuscripts to the scientific analysis of plants, animals and materials. Through undertaking Archaeology as a degree, you will learn how to assess, explain and make connections between different types of evidence, enabling you to develop a deeper understanding about the past. You will also develop practical skills valued by employers, such as report writing, teamwork, presentation, communication and analytical skills.

What will I study?

You will study through a combination of lectures, tutorials, seminars, field trips and practical engagement.

First Year

In first year, you will engage with Archaeology as a subject. No prior knowledge is assumed. Modules include: Exploring Archaeology • The Human Past • Introduction to the Archaeology Ireland • Introduction to Anthropology. All first-year social sciences students also study a core module, Societal Challenges in the Twenty First Century • + 1 other subject • Elective modules

Second Year

In second year, we will build on the knowledge you gained in first year and explore how various approaches to Archaeology allow us to develop a better understanding of the past. Modules include: Archaeology of Things • Landscape Archaeology • Prehistoric & Historic Archaeology • Archaeological Science • + 1 other subject • Elective modules

Third Year

You will have an opportunity to deepen your knowledge of Archaeological themes. During this year, you can apply for an internship or to study abroad for a trimester or year. Modules may include: Archaeology of Food • Ancient Technologies • Hunter Gatherers • Early Medieval Europe • Environmental Archaeology • + 1 other subject • Elective modules

Fourth Year

Fourth year is designed to give you more ownership of your archaeological learning. Amongst other modules, there will opportunities to engage with archaeological research.

Assessment

We use a variety of assessment methods, e.g. continuous assessment in the form of essays, projects, group work, oral presentations and reports. Each mode of assessment is designed to support your learning through the course and to build life skills that will be of benefit beyond the course.

International Study Opportunities

Opportunities for International Study in Third Year may include: Austria, Germany, Norway, Poland, Switzerland, North America, China, Australia. Students studying Archaeology with Chinese will study abroad for their third year.

Internship Opportunities

In third year, students can apply for an optional paid internship for one trimester in a range of organisations in the public and private sector, which help to inform future career decisions through real-world experience.

Career & Graduate Study Opportunities

Studying Archaeology provides a flexibility of thought and a range of practical skills that make our graduates highly employable in a number of areas, including the varied and expanding heritage sector. Graduates have also found employment within the archaeological profession, in consultancy, professional contract work, museums and education. Others have used their transferable skills to become business and industry entrepreneurs, policymakers in arts and education, journalists, cultural critics and tourism leaders. Graduate study opportunities in UCD include the MSc in Archaeology, MSc in Experimental Archaeology, MSc in Hunter-Gatherer Archaeology, MSc in World Heritage Management.

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **10**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Archaeology as a joint major with:
Economics • Sociology • Geography • Social Justice • Mathematics • Statistics • Philosophy • Politics & International Relations • Information & Communication Studies

Studying Archaeology with a minor:
Art History • Earth Sciences • Celtic Civilisation • Irish Folklore • Chinese • Irish/Gaeilge • Greek & Roman Civilisation

CAO Code DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
Typical Class Size: **28**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Entry Routes
Same as above

Studying Archaeology as a joint major with:
History • English

Other Courses of Interest:
Classics Art History & Archaeology

www.myucd.ie/archaeology
Meriel McClatchie
UCD School of Archaeology
meriel.mcclatchie@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

ECONOMICS

BSc (Hons) (NFQ Level 8) – DN710
BSc (Hons) (NFQ Level 8) – DN700

I decided to study Economics as part of a Joint Major because I wanted to understand in more detail how the world works - what makes governments, companies and individuals do what they do and make the decisions that they make. I chose UCD because of its reputation and the course allowed me to study Politics and International Relations alongside Economics. As part of the degree, you can also pick elective modules; I have studied a Climate Change module which was really interesting as we looked at the same problems as in economics, but from a more technical and practical viewpoint so I could understand more broadly the challenges involved in solving the climate crisis.

Seamus Mc Caul, Student

CAO Code: DN710

BSc Economics

CAO Points Range 2022: **542-613**
Length of Course: **3 years**
Places: **50**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- H5 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

CAO Code DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **137**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects.

Special Entry Recommendations
In order to study this degree, we strongly recommend that you have at least a Grade O3/H7 in Leaving Certificate mathematics, or equivalent.

University Access
See www.myucd.ie/universityaccess

Entry Routes
Same as above

Studying Economics as a joint major with:
Archaeology • Geography • Mathematics • Philosophy • Politics & International Relations • Information & Communication Studies • Social Justice • Sociology • Statistics • History

OR

Studying Economics with a minor:
Irish/Gaeilge • German • Chinese

OR

Studying Economics within a pathway:
Computational Social Science • Economics, Mathematics & Statistics • Philosophy, Politics & Economics

Why is this course for me?

Economics explores how and why people make decisions and choose between alternative ways of spending their money and using their time, energy and skills. That is why Economics can help to shed light on decision-making in areas from love and marriage, to sports and crime. If you are interested in people's behaviour and in current affairs, and if you enjoy problem-solving and are naturally analytical with good numeracy skills, then Economics will appeal to you.

What will I study?

What you will study depends on how you will study Economics at UCD. The Single-Major Economics (DN710) degree is a three-year concentrated course designed for students who wish to study Economics intensively throughout their time at UCD.

If you wish to combine the study of Economics with another subject, you may study it as a Joint-Major subject through the four-year Social Sciences (DN700) degree.

First Year

All students will study Introduction to Economics, Principles of Microeconomics, Principles of Macroeconomics and Introduction to Quantitative Economics.

Single-Major students will study additional modules to develop key skills at the early stage in their course, so that they may proceed to a wide range of advanced and speciality electives in second and third year. Single-Major students also select three optional modules from Sociology, Geography, Politics, Mathematics or Statistics, plus one elective module.

Second Year

Joint-Major students will be introduced to data analysis and statistical modelling and will take intermediate modules in microeconomics and macroeconomics. Single-Major students will take additional modules designed to build on core skills such as: Optimisation for Economics, and Introduction to Financial Economics, plus Elective modules.

Third Year

In their final year, Single-Major students will undertake an Economics Research Workshop and deepen their technical knowledge by taking advanced modules in econometrics, microeconomics and macroeconomics. They also have access to optional field modules such as health economics, money and banking, public economics and elective modules.

Joint Major students can apply to undertake an internship or to study abroad for a trimester or year.

Fourth Year

In their final year, Joint-Major students choose modules that deepen their technical knowledge and can specialise in their preferred economic fields by appropriately choosing optional modules.

Assessment

Teaching takes place in lectures and tutorials, with students also participating in small group classes to work on group projects and presentations. A combination of end-of-trimester written examinations and continuous assessment is used.

International Study Opportunities

Student exchanges are available with the following universities: Tilburg, the Netherlands; Namur, Belgium; La Sapienza, Rome, Italy, as well as with partner universities in North America, Asia, Australia and Europe, including: University of California, Santa Cruz, University of California, Berkeley, University of Melbourne, Australia.

Career & Graduate Study Opportunities

Economics graduates are in high demand – our graduates work in Bank of Ireland, PriceWaterhouseCoopers, KPMG, Paddy Power, Deloitte, as well as different government departments and NGOs. Economics graduates can expect to have direct access to Economics, Business and Finance Masters.

Other Courses of Interest:

Economics & Finance	86
Law with Economics	95

LEARN MORE

www.myucd.ie/economics
Undergraduate Office
UCD School of Economics
economics@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

This course is built to ensure that students gain a broad interdisciplinary knowledge of Geography and its core concepts of people, space and place through both an Irish and international lens. With a wide selection of modules available across all areas of Geography, I was able to focus my studies on areas of interest within the discipline such as historical, urban, environmental, and social geography which I found engaging and beneficial in understanding today's world in a greater context. I also developed useful skills of critical thinking, fieldwork, spatial and data analysis and research skills throughout the course that are greatly transferable into the workplace. An amazing experience, full of critical learning and hands-on experiences.

Eva Cahalane, Student

GEOGRAPHY

BSc (Hons) (NFQ Level 8) – DN700
BA (Hons) (NFQ Level 8) – DN520

Why is this course for me?

Geography is the only discipline that combines the study of both the natural and social worlds and their interaction, and is key to solving global problems such as climate change, poverty, migration, urbanisation and environmental management. Do you want to make sense of this highly complex world and become an informed global citizen? Do you want to learn IT, field and laboratory techniques highly valued by employers such as Geographical Information Systems (GIS)?

By studying Geography in UCD, you will understand the context in which environmental, socio-cultural and politico-economic decision-making takes place and develop skills that prepare you for the workplaces and societies of tomorrow.

What will I study?

First Year

Topics include: Geography Matters • Mapping a Sustainable World • Dynamic Earth • People, Places & Regions • + 1 other subject • Elective module

Second Year

Topics include: Introduction to GIS for the Social Sciences • Making the Irish Landscape • Field Studies in Ireland • Global Historical Geographies • Rivers, Estuaries & Coasts • Weather, Climate & Climate Change • Quaternary Environmental Change • Political Geography • Cities in a Global World • + 1 other subject • Elective modules

Third Year

Topics include: Social Geography • Population Geography • Overseas Fieldwork • Environment & Sustainability • Development Geographies • The Quaternary of Ireland • Global Risks & Resilience • River Catchment Management • Far Right, Hate & Political Polarisation • +1 other subject • Elective modules

BSc Geography students may apply in their third year to do an internship or study abroad.

Fourth Year

BSc Geography students may choose from a range of specialist topics and undertake intensive research skills, including completing a substantial research project.

These include: Fortress Europe & the Global War on Migrants • Planetary Geomorphology • The Urban Environment • Historical Geography of Ireland • Development of Dublin • US Foreign Policy • Projects in GIS • Political Geography • Research in Action • Civil Society & NGOs: Theory and Practice to change the world

Assessment

Geography is taught through lectures, tutorials, labs and fieldwork in Ireland and overseas, and includes independent reading and study. Assessment is generally a combination of continuous assessment, tutorial or laboratory participation and end-of-trimester exams.

International Study Opportunities

International opportunities have included exchanges to: Cologne, Germany; Grenoble, France; Barcelona, Spain; Stockholm, Sweden; Pisa, Italy; Melbourne, Australia; USA.

Career & Graduate Study Opportunities

Our graduates have found employment as:

- GIS specialists working with local government agencies and private industry (e.g. ESRI, ICON).
- Researchers and policy analysts with Teagasc, ESRI, NGOs and governmental departments.
- Planners in both local government and private sector consultancies.
- Educators at primary and secondary level, as well as in high-profile national and international universities.
- In other varied organisations such as Google, Habitat for Humanity, Deloitte and property consultancies.

Many Geography graduates continue with further study of their discipline or proceed directly to Masters degrees in social or environmental sciences, law, or business.

Other Courses of Interest:

Social Policy & Sociology	77
Sustainability with Environmental Sciences	104
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www.myucd.ie/geography
UCD School of Geography
geography@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **68**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Geography as a joint major with:
Archaeology • Social Justice • Economics • Sociology • Mathematics • Statistics • Philosophy • Politics & International Relations • Information & Communication Studies

OR

Studying Geography with a minor:
English • History • Earth Sciences • Irish/Gaeilge • Greek & Roman Civilisation • Linguistics

OR

Studying Geography within a pathway:
Computational Social Science

CAO Code DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
Typical Class Size: **5**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Entry Routes
Same as above

Studying Geography as a joint major with:
Art History • Irish/Gaeilge • English • Music • History

INFORMATION & COMMUNICATION STUDIES

BSc (Hons) (NFQ Level 8) – DN700
BA (Hons) (NFQ Level 8) – DN520

Information and Communication Studies (ICS) is a versatile and interesting course. It explores a broad range of topics such as data, communications, digitisation and social media and in turn how they all impact society. Some of my favourite modules have been information design, web UX evaluation and computer-mediated-communication. During my course, I have also taken elective modules that have complimented my studies including critical thinking, beginners Spanish, statistics and web design module. ICS also provides a good understanding of information, technology, social structures and digitisation in modern society and the skill skills I have developed will be highly sought after by employers.

Gráinne Brennan, Student

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **85**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Information & Communication Studies as a joint major with:
Archaeology • Philosophy • Economics Social Justice • Geography • Sociology • Mathematics • Statistics • Politics & International Relations

OR

Studying Information & Communication with a minor:
Irish/Gaeilge • Music

CAO Code DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
Typical Class Size: **57**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Entry Routes
Same as above

Studying Information & Communication Studies as a joint major with:
• English • Linguistics

Other Courses of Interest:

Computational Social Science	64
Science	107

Why is this course for me?

Information & Communication Studies (ICS) equips students with the knowledge, skills, and tools to help them make sense of a world where every aspect of human experience is affected by digital technology, communications media, data, and information in all formats. ICS analyses the effects of existing and emerging digital technologies on societies, culture, politics, privacy, health, education and the many spheres of public, private and personal life, and also helps students to develop the skills to be involved in the design of new technologies. ICS provides students with the skill-set and subject knowledge to develop career pathways into varying parts of the tech, communications and media industry specifically, and a range of careers more broadly. Ultimately, ICS is about people, and understanding how people and technology interact and influence each other in the 21st Century.

What will I study?

First Year

All first-year social sciences students study the core module, Societal Challenges in the Twenty First Century. Additional modules may include: Information & Social Media • Digital Technology • Digital Judgement: Truth, Lies & the Internet • Information, Society & Culture • + 1 other subject • Elective module

Second Year

Students in ICS take the core module Critical Research Skills, and choose from additional option modules including: Core Competencies for Digital Citizenship • Social Media & Participation in an Online World • Exploring Text with Python • Computer-Mediated Communication • Social Studies of ICTs • Contextual Design Inquiry • Theories of Media & Communication • Data Dilemmas • + 1 other subject • Elective modules

Third & Fourth Year

ICS students deepen their disciplinary knowledge and understanding by choosing specialist and experiential modules to reflect their interests and career goals, including: The Digital Self • Digital Media Ethics • Digital Storytelling • Web Publishing • Web UX Evaluation • Gender, Race and Media • Digital Research Skills • Artificial intelligence • Research & Discovery (4th Year only) Technology and Human Rights • Digital Media & Climate Crisis • Personal Information Management • Information Architecture • Elective modules

Assessment

Students in ICS attend classes and undertake independent study and project work. Assessment is through a combination of continuous assessment, projects, and end-of-trimester written examinations.

Internship Opportunities

In third year, students can apply for an optional paid internship for one trimester in a range of organisations in the public and private sector, which help to inform future career decisions through real-world experience.

International Study Opportunities

Students may study abroad for a year or a trimester. Destinations include the USA, Australia, China and Canada.

Career & Graduate Study Opportunities

Information and Communication Studies is relevant for careers in web design and development; social media; social computing; journalism; user experience design; marketing; media management; broadcasting; research; publishing; digital marketing, and business. Graduates can progress to various Masters or PhD research programmes:

- MSc Communication & Media, which prepares students for public and private sector careers in digital media industries, communication regulation and policy, media design, management and research.
- MSc Human-Computer Interaction and MSc Information Systems, which prepare students for careers in human-computer interaction, usability, user experience, user research and information systems-related professions.
- Master of Library & Information Studies (MLIS), which prepares students in careers including librarianship, information consulting and digital media management.

Graduates can also pursue research careers by studying for a PhD.

LEARN MORE

www.myucd.ie/ics
UCD School of Information and Communication Studies
fiona.smyth@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I have always been a deep thinker with an interest in understanding some of the bigger and more fundamental questions in life. So it only felt natural to come to UCD to study philosophy and learn how one would go about answering some of these questions. Studying philosophy at UCD has been a wonderful experience as the lectures and tutorials are filled with discussions and debates about varying topics. Additionally, the staff at the School of Philosophy are just phenomenal, as they really want you to succeed and are ready to help you in any way possible. Studying philosophy has given me the tools to form strong arguments and think critically, and I know that these skills will prove beneficial later on as well.

Ada Ruohonen, Student

PHILOSOPHY

BSc (Hons) (NFQ Level 8) – DN700
BA (Hons) (NFQ Level 8) – DN520

Why is this course for me?

Are you interested in thinking for yourself? Do you like problem solving? Do you want to tackle some of the most challenging questions that have fascinated thinkers for centuries, such as:

- Do we have free will?
- What is consciousness?
- How should we live?
- Does God exist?
- What can we learn from art and literature?

Science, literature or history are all equally good preparation for studying Philosophy. The main requirement is a capacity for clear thinking, honesty and discussion.

What will I study?

Philosophy is essentially about dialogue and discussion, about giving reasons and examples, about counter-arguments and counter-examples. We read the work of great philosophers, but we also challenge their arguments and conclusions. Although all the modules are based on lectures, many of these are highly interactive. In addition, philosophy is rare in the university for offering small-group tutorials for all of its modules.

First Year

You will be introduced to a wide spectrum of philosophical approaches, from historical to contemporary, from ethics to critical thinking, from existentialism to Eastern philosophy. As Social Sciences students you will also take the core module, 'Societal Challenges in the 21st Century'.

Second Year

Modules include: Applied Ethics • Knowledge & Scepticism • Feminism & Gender Justice • Logic • Plato • Phenomenology • Philosophy of Mind • Philosophy & Literature

Third Year & Fourth Year

The third year provides the opportunity for students to apply to study abroad or undertake an internship. Students can choose from a wide range of modules, including: Philosophy of Religion • Phenomenology • Philosophy of Law • Critical Theory • Aristotle • Philosophy of Interpretation • History of Ethics • Philosophy of Language • Personal Identity • Animated Philosophy

Students can switch into a Single Major in Philosophy at the end of their second year. In doing so, they will graduate with a BA Philosophy at the end of their degree.

Assessment

There is a variety of assessment: traditional exams, take-home essays, on-line assessments, as well as presentations and group work.

International Study Opportunities

Destinations include: France, Germany, Belgium, US and Italy. Students studying Philosophy with Chinese will study abroad for their third year.

Career & Graduate Study Opportunities

Corporate head-hunters often target Philosophy graduates for their rigorous analysis of real-world problems and their clear, coherent communication of complex ideas and concepts, and a capacity for detailed research. Philosophy graduates are employed in the private, public and not-for-profit sectors in business and management, marketing and advertising, media and broadcasting, public relations, education and human resources.

Many Philosophy graduates continue with further study of their discipline or proceed directly to Masters degrees in social sciences, law, or business. Our graduates have studied at MA and PhD level in internationally renowned universities from Oxford to Paris-Sorbonne to Harvard. UCD philosophy graduates have established prominent careers in Ireland and internationally as barristers, public policy analysts, human rights activists, journalists and academics.

Other Courses of Interest:
Law with Philosophy 98

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **48**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Philosophy as a joint major with:
Archaeology • Social Justice • Economics • Sociology • Geography • Statistics • Mathematics • Information & Communication Studies • Politics & International Relations

OR

Studying Philosophy with a minor:
Chinese • Irish/Gaeilge • Greek • Linguistics

OR

Studying Philosophy within a pathway:
• Philosophy, Politics & Economics

CAO Code DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
Typical Class Size: **92**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Entry Routes
Same as above

Studying Philosophy as a joint major with:
Art History • History • English • Music

www.myucd.ie/philosophy
UCD School of Philosophy
philosophy@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

POLITICS & INTERNATIONAL RELATIONS

BSc (Hons) (NFQ Level 8) – DN700
BA (Hons) (NFQ Level 8) – DN530

I chose to study Politics and International Relations in UCD as it provided a structured degree that aligns with my interests. I enjoy the variety of the programme which allows me to study a wide range of aspects such as domestic policy, international politics, climate change and even quantitative data analysis. As part of my degree, I had the opportunity in third year to secure an internship at a political research institute which has been very rewarding. This course has opened up my career prospects as it has given me an understanding of what goes on behind the scenes in the civil service, European Union, Think Tanks, NGO's and private corporations who are all looking to recruit individuals with the skills I have developed throughout my degree.

Joey Donald , Student

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **172**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Politics & International Relations as a joint major with:
Archaeology • Philosophy • Economics • Social Justice • Geography • Sociology • Mathematics • Statistics • Information & Communication Studies

OR

Studying Politics & International Relations with a minor:
Linguistics • Irish/Gaeilge • Chinese • Italian • French • Spanish • German

OR

Studying Politics & International Relations within a pathway:
Philosophy, Politics & Economics • Computational Social Science

CAO Code: DN530

BA Humanities

CAO Points Range 2022: **423-600**
Length of Course: **4 years**
Typical Class Size: **5**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Entry Routes Same as above

Studying Politics as a joint major with:
• History

Why is this course for me?

Do you want to understand how governments, parliaments, parties and international organisations work? Do you wish to develop a knowledge base in the causes, consequences and solutions to war, political violence and poverty? Do you want to develop skills in social science research methods and how to formulate a coherent and persuasive argument? With a degree in Politics and International Relations, you will develop the knowledge and skills required to analyse the complex interplay between national and international political institutions, systems and forces.

What will I study?

In first year, you will be introduced to the core areas of Politics & International Relations, giving you a solid foundation for future study. In subsequent years, you will pursue the topics that interest you most. Examples of modules include:

First Year

Foundations of International Relations • Foundations of Political Theory • Foundations of Contemporary Politics • Foundations in Political Research • All first-year social sciences students also study the core module, Societal Challenges in the Twenty First Century • + 1 other subject • Elective module

Second Year

Individuals & the State • Law, Politics & Human Rights • Comparative Politics • International Relations • Research Methods in Political Science • Irish Politics • European Union • Sustainable Development Goals • + 1 other subject • Introduction to Chinese Politics • Introduction to Middle East Politics • Elective modules

Third Year & Fourth Year

International Political Economy • International Justice • Politics of Organised Crime • Terrorism & Political Violence • Capitalism and Democracy • Data Analytics for the Social Sciences • Media & Politics • Introduction to Asian Politics • Deliberative Mini-Publics • Gender & Politics • + 1 other subject • Elective modules

Students can apply to study a single-subject Politics & International Relations degree at the end of second year.

Assessment

Students attend lectures and tutorials as well as undertaking independent study. Assessment is in the form of a combination of continuous assessment and end-of trimester written exams.

International Study Opportunities

Study abroad opportunities in third year include:

Sciences Po, France; University of Bergen, Norway; Université Libre de Bruxelles, Belgium; University of Lund, Sweden; Universität zu Köln, Germany; Utrecht University, the Netherlands; Università degli Studi di Milano, Italy; George Washington University, the United States; University of Tokyo; University of Hong Kong.

Students studying Politics with Chinese, French, German, Italian or Spanish will study abroad for their third year.

Internship Opportunities

In third year, students can apply for an optional paid internship for one trimester in a range of organisations in the public and private sector, which help to inform future career decisions through real-world experience.

Career & Graduate Study Opportunities

There is a wide range of national and international employment opportunities in the public and private sector, including:

The Irish civil service, the European Commission, international agencies such as the UN, IMF and World Bank, NGOs, print and broadcast media, the diplomatic service, business, administration and research.

MA and MSc degrees in UCD open to graduates include:

Politics, Political Theory, International Relations, International Development, Peace & Conflict, Human Rights, European Public Affairs & Law, International Political Economy, Public Policy, Gender & Politics.

Other Courses of Interest:
Law with Politics 99

LEARN MORE

www.myucd.ie/politics
Undergraduate Office
UCD School of Politics and International Relations
spire@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I have always had a keen interest in human rights and activism. I wanted to learn in an environment that allowed me to deeper understand the complexities of social injustice. Through a myriad of modules that explore important topics like race, gender, sexuality and class I have gained a deeper understanding into key social justice issues on a national and global scale. The lecturers, tutors and fellow students have greatly facilitated my learning by allowing me to explore my own privileges and oppressions. What has been most rewarding is that it has taught me to be more aware and mindful of how I can amplify marginalised voices in my day to day life and advocate for equity, equality and justice.

Shauna Harris, Student

SOCIAL JUSTICE

BSc (Hons) (NFQ Level 8)

CAO Code: DN700

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **90**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Social Justice as a joint major with:

- Archaeology
- Economics
- Geography
- Information & Communication Studies
- Politics & International Relations
- Philosophy
- Sociology

Why is this course for me?

The subject of Social Justice draws on a range of academic disciplines in order to advance understanding of issues such as inequality, racism, discrimination and human rights abuses. It will appeal to those who would like to acquire the knowledge and skills to understand and challenge injustice and help bring about social change.

What will I study?

Undergraduate modules in Social Justice address themes such as global justice; gender and sexuality; human rights; inequality in Irish society; childhood inequality; racism and anti-racism; social justice movements; political economy; and discrimination. During your four-year course, you will advance your knowledge about the key social issues of the 21st century, while developing your skills in relation to critical thinking, analysis, research, problem-solving and communication. An emphasis on participatory learning means that your studies will take place within a supportive and stimulating environment, where you will have the opportunity to engage with like-minded people who share your interest in social justice.

First Year

In first year, you will undertake four foundational modules in Social Justice: Social Justice Perspectives • Exploring Gender • Global Justice • Inequality & Social Justice in Irish Society.

Second Year

In second year, the social justice modules will develop your knowledge of racism and anti-racism, political economy, gender, power and politics, as well as your understanding of human rights and social justice.

Third Year

In third year, you can choose to study the 'experiential' modules 'Social Justice & the City' and 'Social Justice Movements' and select from a range of optional modules on key social justice issues. Students can apply to study abroad in year three or undertake an internship.

Fourth Year

Fourth year provides the opportunity for you to enhance and apply your research skills. Students will also have an opportunity to build on their knowledge by choosing from a range of modules addressing issues such as gender, war and violence; childhood and global justice; and inequality in the labour market.

Assessment

A variety of assessment methods are used throughout the Social Justice course, including essays, reports, presentations, reflective writing, problem-based learning, projects, examinations and critical commentaries.

International Study Opportunities

Study abroad for a trimester or a year in third year. Destinations include the US, Australia, China, Canada.

Internship Opportunities

In third year, students can apply for an optional paid internship for one trimester in a range of organisations in the public and private sector, which help to inform future career decisions through real-world experience.

Career & Graduate Study Opportunities

At the end of their four-year course, graduates of Social Justice have acquired knowledge and skills relevant to a range of fields of study and employment, including in-depth knowledge about the most pressing societal and global challenges of our time and advanced critical, analytical and communications skills.

The degree will provide a strong foundation for careers in: research, policy and advocacy in national and international non-governmental organisations; and public sector agencies. Relevant graduate study programmes include: Equality Studies • Gender Studies • Public Policy • Human Rights • International Development

www.myucd.ie/social-justice
UCD School of Social Policy, Social Work and Social Justice
sp-sw-sj@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Social Policy & Sociology 77
Law with Social Justice 100

SOCIOLOGY

BSc (Hons) (NFQ Level 8) – DN700
BA (Hons) (NFQ Level 8) – DN520

Studying Sociology is highly practical. Its emphasis on exploring diverse social groups,research methodology and policy analysis allowed me to navigate the increasingly complex global landscape in which we live. My favourite aspect of my studies was its emphasis on developing critical thinking skills. The rigorous examination of social structures, norms and institutions through the various modules has improved my capacity to make informed decisions and deepen my opinions on various social challenges. I would encourage any student with an interest in positive social reform to consider studying Sociology at UCD.

George Kelly, Student

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **148**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Studying Sociology as a joint major with:
Archaeology • Philosophy • Economics • Social Justice • Geography • Statistics • Mathematics • Information & Communication Studies • Politics & International Relations

OR

Studying Sociology with a minor:
Art History • Irish/Gaeilge • English • Italian • German • Linguistics

OR

Studying Sociology within a pathway:
• Computational Social Science

CAO Code DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
Typical Class Size: **48**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Entry Routes
Same as above

Studying Sociology as a joint major with:
• History
• English

Why is this course for me?

If you are interested in people, you will be interested in sociology. We are all part of society, we are connected with each other and we are affected by the people around us. Sociology provides you with the mindset and the research tools to observe the social world, make connections, understand differences, norms, cultures or inequalities.

What will I study?

Sociology seeks to explain how people relate with each other, how hidden structures play an important role in everyday life and how society shapes the way individuals behave. It is about why individuals organise themselves into groups such as families, communities, social classes, social networks, religions, genders, neighbourhoods or nations. But it is also about how these groups come about, what they mean and how they change over time. An essential part of your studies will be the acquisition of a sociological toolkit that includes both theoretical approaches and research methods to study society.

First Year

The first year includes a general Introduction to Sociology, the Foundations of Sociological Thinking, a view on Contemporary Ireland and the basics of Research Methods and Design. All first year social sciences students study the core module, Societal Challenges in the Twenty First Century, plus another subject and Elective module.

Second Year

The second year involves training in Quantitative and Qualitative Research Methods and modules in areas such as Gender, Sociological Theory, Sociology of Peace & Conflict, Sociology of the Environment and more.

Third Year

The third year provides the opportunity for an Internship or Study Abroad. There are also range of substantive modules in areas such as Migration, Race and Ethnicity, Historical Sociology, Lying & Deception and more.

Fourth Year

During the fourth year, students participate in a Research Project. There are also further specialised modules, such as War & Violence, Global Inequalities or Punishment & Social Control, plus Elective modules.

Assessment

Students attend lectures and participate in seminar discussions. They also undertake independent studies, including reading and writing about sociological issues. Assessment is a combination of continuous assessment and end-of-trimester written exams, but also includes more innovative types such as producing a podcast on sociological issues.

International Study Opportunities

Destinations include countries such as Belgium, England, France, Italy, the Netherlands, Norway, Spain, USA, Australia, China and South Korea.

Students studying Sociology with German or Italian will study abroad for their third year.

Internship Opportunities

In third year, students can apply for an optional paid internship for one trimester in a range of organisations in the public and private sector, which help to inform future career decisions through real-world experience.

Career & Graduate Study Opportunities

Sociology gives an excellent foundation for a diverse set of careers in areas such as social research and policy analysis, journalism, media, community development, youth work, civil service, social data science or business. It also leads to a wide range of graduate study opportunities in the social sciences, law and business. The School of Sociology offers a general MSc or MA in Sociology, MSc in Social Data Analytics, MSc in Comparative Social Change, MA Social and Political Thought and an MA in Race, Migration and Decolonial Studies.

Other Courses of Interest:

Computational Social Science	64
Social Policy & Sociology	77

LEARN MORE

www.myucd.ie/sociology
UCD School of Sociology
ucd.ie/sociology/contact
Instagram/Facebook/Twitter: @MyUCD

I have always been interested in people, society, and social issues, and choosing to study Social Policy and Sociology in UCD is one of the best decisions I have made. I find that these two subjects complement each other very well, and I have had the opportunity to explore a wide range of fascinating modules, from Sociology of Crime and Deviance to Careers in Public Policy. After first year, I chose the Society and Public Service pathway. This pathway has opened up a broad range of exciting career opportunities, including working in NGOs, the Civil Service, or the EU, and I can't wait to see where this degree takes me.

Louise McKeown, Student

SOCIAL POLICY

BSocSc (Hons) (NFQ Level 8)

CAO Code: DN750

CAO Points Range 2022: **408-566**
Length of Course: **3 years**
Places: **100**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

If you are interested in understanding and researching social problems such as poverty, inequality, homelessness and discrimination, you will enjoy studying Social Policy. It is the study of the social impact of policies such as social services, social security benefits and the welfare state. Social Policy analysts are interested in the design and funding of these policies and their impact on different family types, income and age groups, genders, regions and countries.

What will I study?

In first year, you will be introduced to the basic concepts and skills required to study social policy, so no prior knowledge of the subject is required. In second and third year, you will have a chance to study specialist modules on the elements of social policy that interest you most.

First Year

Social Policy Theories & Concepts • Understanding Social Problems & Policies • Contemporary Irish Welfare State • History of Irish Social Policy • Introduction to Social Work • + Sociology modules.

Second Year

In their second year, students select a pathway from a choice of "Social Work & Social Professions", "Society & Public Service" or "Work, Organisations & People". Pathways consist of a set of thematically linked modules designed to build knowledge and expertise relevant to your future career aspirations.

Third Year

You will continue with your course pathway. In addition there is a capstone assignment to top off your undergraduate study in Social Policy. This will act as a bridge to the world of work or further study that you will enter when your degree is completed.

Assessment

Assessment for modules involves a mixture of examinations and continuous assessment via assignments and projects intended to give all students equal opportunities to demonstrate their skill-sets and knowledge base.

International Study Opportunities

Social Policy students at UCD can avail of international study opportunities in universities in Europe and around the world. Currently, Erasmus exchange opportunities exist in Germany, Italy, the Netherlands, Sweden, Malta, Hong Kong and Japan.

Career & Graduate Study Opportunities

Social policy provides an excellent grounding for a wide range of careers such as:

- Social research and policy analysis
- Journalism
- Online and new media
- Social work
- Community work
- Social services management
- Human resources management
- The civil and public service

Amongst many other further study opportunities, the School provides a two-year Professional Masters of Social Work and undergraduate modules in social work are provided to prepare Social Policy graduates for this option. The School also provides a one-year MSc in Equality Studies and an MA in Gender Studies and contributes to UCD's one-year Master of Public Policy (MPP). Progression routes are integrated into the BSocSc's pathway structure to facilitate career development via either Masters study or career guidance.

www.myucd.ie/social-policy
UCD School of Social Policy, Social Work and Social Justice
sp-sw-sj@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Sustainability: Social Sciences, Policy & Law 105
Science 107

STUDYING SOCIAL POLICY & SOCIOLOGY

YEAR 1 — Engage with the principles

Social Policy Theories and Concepts	Sociological Analysis	Ireland in Perspective	Introduction to Sociology	Understanding Social Problems and Policies	Contemporary Irish Welfare State
History of Irish Social Policy	Foundations of Sociology	Sociology of Crime	Inequality in Irish Society	Introduction to Psychology	Introduction to Social Work

YEARS 2 & 3 — Follow your pathway

Social Work and Social Professions

Modules may include:

- Social Work in Practice
- Child Abuse, Sexual and Domestic Violence
- Sociology of the Family
- Sociology and Ethics of Care

Society and Public Service

Modules may include:

- Sociology of Human Rights
- Gender, Health and Society
- Careers in Public Policy
- Housing Policies, Neighbourhoods and Homes

Work, Organisations and People

Modules may include:

- Introduction to Work and Organisational Psychology
- European Industrial Relations
- People at Work
- Work and the Welfare State

Year 2 Compulsory Modules

- Sociological Theory
- Quantitative Research Methods
- Investigating Social Services

Year 3 Compulsory Modules

- Qualitative Research Methods
- Social Policy Capstone Project

BSocSc Social Policy and Sociology

UCD Graduate Study and Career Opportunities

Specialise with UCD School of Sociology/School of Social Policy, Social Work and Social Justice

- Master of Public Policy
- Professional Master of Social Work
- MSocSc Social Work, Welfare and Justice
- MSc Equality Studies/MA Gender Studies
- MSc Social Data Analytics
- MSc Comparative Social Change
- MSc or MA Sociology

- PhD Sociology or Social Policy
- PhD Public Policy

- Research & Academia

Complementary/Conversion Masters Degrees

3 + 2 Social Work Pathway
Professional Master of Social Work*

Society and Public Service Pathway
Master of Public Policy
MSc Equality Studies
MA Gender Studies

Work, Organisation and People Pathway
MSc Human Resource Management
MSc Management
Master of Public Policy

Shape your Career

Careers closely related to this degree
Social Work | Social Care
Probation Service
Non-Governmental Organisations

Public Sector Careers
Politics | Policy Formation
Civil Service
Non-Governmental Organisations

Private Sector Careers
Human Resources
Journalism | New and Online Media
Policy Consultancy

* Students on the Social Work and Social Professions pathway who meet entry requirements are eligible in Year 2 to apply for a place on UCD's two-year Professional Masters of Social Work, a qualification required to practice as a social worker.

Social Policy & Sociology are both fascinating subjects that take an in-depth look into various social, economic and political issues and how and why they influence society. I specialised in the "Work, Organisations and People" Pathway in this course because I wanted to get an understanding of the key issues involved in management and industrial relations in the context of the sociological and policy issues that can impact on the workplace. What I have enjoyed most throughout the course was having the opportunity to engage with other students in tasks that involved critical thinking, analysis and research projects. The course has helped me to develop a mindset that explores new ideas and perspectives.

Harry Dempsey, Student

SOCIAL POLICY & SOCIOLOGY

BSocSc (Hons) (NFQ Level 8)

CAO Code: DN750

CAO Points Range 2022: **408-566**
Length of Course: **3 years**
Places: **100**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

The Bachelor of Social Sciences (BSocSc) Social Policy and Sociology at University College Dublin is the premier honours degree of its kind in Ireland. It is the standard qualification for those working in policy making and social services and recently celebrated its fiftieth anniversary. If you are interested in exploring how societies, communities and families work and wish to make a difference to the world, affect cultural change, contribute to public service or corporate responsibility, then this course is for you.

What will I study?

The course explores key social issues affecting societies in Ireland, the European Union, the USA and Asia: poverty, inequality, homelessness, addiction, mental health, social stratification, criminal justice, globalisation, gender equality, childhood and children's services, and tax and welfare systems. You will learn about how policy makers, in Ireland and across the world, have responded to these societal challenges. A strong emphasis is placed on studying qualitative and quantitative research methods. You will attend lectures and seminars and engage in project-based learning, instruction, and independent study with experienced academic staff and with input from policymakers and industry. For more information on Social Policy see page 77 and on Sociology see page 76.

First Year

You will undertake compulsory modules in social policy and sociology. Students are not expected to have any prior knowledge of these disciplines; the first-year modules will provide you with a comprehensive introduction.

Second & Third Year

Alongside core modules in social policy and sociology you will select optional modules from one of three career orientated pathways, which will refine and develop your skills:

Social Work and Social Professions

This pathway provides you with a strong foundation for professional social work or social service careers, in addition to careers in counselling, social care management and the probation service

Society and Public Service

You will be introduced to social policy topics covering a wide range of social and public services and modules in public sociology. This pathway prepares you for a wide range of graduate programmes and employment in public services, NGOs, community development, youth work, social enterprise and public policy advocacy.

Work, Organisations and People

You will combine social policy and sociology with modules from organisational psychology and industrial relations. This pathway prepares you for study in a wide range of human organisation orientated graduate programmes and for employment in business and personnel management, industrial relations, marketing and corporate responsibility and governance.

International Study Opportunities

The course offers international study opportunities in universities both in Europe and further afield including Germany, Italy, the Netherlands, Sweden, Malta, Japan, Hong Kong and Canada.

Career & Graduate Study Opportunities

The BSocSc Social Policy and Sociology provides a strong foundation for both postgraduate study and a wide range of careers in government, social services, NGOs, education, media, including new and online media (who are increasingly expressing an active interest in recruiting social sciences graduates) and business. Alumni include Orlaith Blaney (Marketing and Advertising, former CEO McCannBlue Dublin), Frances Fitzgerald (MEP), Ali Hewson (Humanitarian), Tricia Keilthy (Head of Research and Policy, Society of St. Vincent De Paul) and Sr Stanislaus Kennedy (Humanitarian & Founder, Focus Ireland).

www.myucd.ie/sps
UCD School of Social Policy, Social Work and Social Justice
sp-sw-sj@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

PSYCHOLOGY

BSc (Hons) (NFQ Level 8)

CAO Code: DN720

CAO Points Range 2022: **552-625**
Length of Course: **3 years**
Places: **90**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

I chose psychology at UCD as I have always been interested in the mechanisms and motivations behind people's behaviours, emotions and mental processes. I am also passionate about helping others. Studying psychology at UCD has given me a great foundation to a future career in counselling psychology and has opened my eyes to the wide range of possibilities with a degree in BSc Psychology. I also enjoyed studying other subjects such as geology and Spanish through electives throughout the degree. I would recommend this course to anyone who enjoys learning about the human mind, is inquisitive and would like to develop their analytical and reasoning skills.

Iwona Kowalczuk, Student

Why is this course for me?

If you have a questioning attitude and good reasoning skills, you will really enjoy the world opened up by Psychology. Psychology has links to the natural sciences, the social sciences and the arts, so it is likely to appeal to a wide variety of people. The course has core modules that will introduce you to major theories and research methods, and you will also have a chance to choose option modules in specialist areas of psychology (e.g. counselling, clinical psychology and forensic psychology).

What will I study?

First Year

Social Psychology • Brain & Behaviour • Psychology: Key Skills & Concepts • Introduction to Psychology • Introductory Research Methods • Perception & Cognition • Introduction to Applied Psychology • Elective module • + Optional modules

Second & Third Year

Behavioural Neuroscience • Child & Adolescent Development • Visual Cognition • Psychology Labs • Personality & Human Intelligence • Independent Research Project • Option modules within Psychology • Elective modules.

Students spend up to 20 hours per week attending lectures and tutorials. In second year, you will conduct a series of laboratory practicals, while in third year, you will carry out an independent research project under the direction of one of the academic staff.

A combination of end-of-trimester written examinations and continuous assessment is used to evaluate performance.

International Study Opportunities

The School of Psychology has exchange agreements with:

- Université Catholique de l'Ouest, France
- Universidad Pontificia Comillas de Madrid, Spain
- Freie Universität, Berlin, Germany
- Georgetown University, USA
- University of Groningen, the Netherlands

Career & Graduate Study Opportunities

The degree is recognised by the Psychological Society of Ireland and, as such, provides the foundation for further graduate training in any field of psychology, as well as for a wide variety of careers, including:

- Clinical Psychology
- Educational Psychology
- Organisational Psychology
- Forensic Psychology
- Counselling Psychology
- Health Psychology

There are also career opportunities in research alongside other social scientists, such as economists and sociologists.

Other Courses of Interest:

Social Justice 73
Social Policy & Sociology 77

LEARN MORE

www.myucd.ie/psychology
Undergraduate Office,
UCD School of Psychology
psychology@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

EDUCATION WITH GAEILGE &/OR MODERN LANGUAGES

BEd (Hons) (NFQ Level 8)

This new teacher education course affords students the opportunity to study languages (French, Spanish, German, Italian, an Ghaeilge) while also engaging in foundational education modules to prepare for teaching in post-primary schools. Students will study language proficiency skills to a high standard, explore the culture of their chosen languages and undertake school placements (in both primary and post-primary schools). This course places particular emphasis on preparing teachers who can respond to the educational needs of students in an increasingly diverse and dynamic education system using creative and innovative approaches.

Deirdre McGillicuddy, Assistant Professor, UCD School of Education

Why is this course for me?

Are you interested in studying to be a teacher of modern languages and/or an Ghaeilge at post-primary level? Are you passionate about teaching young people and making a positive impact on their lives? This innovative teacher education course prepares high quality language teachers to teach, inspire and lead across the Irish education system.

As Brazilian education philosopher Paulo Freire states: "Education does not change the world. Education changes people. People change the world."

What will I study?

This course blends language learning and initial teacher education to prepare you to work as a language teacher in post-primary schools in the Irish education system. You can choose to study two languages from modern languages (French, Spanish, German, Italian or Portuguese) and/or an Ghaeilge. Alternatively, you can choose to major in an Ghaeilge alone. You will engage in modules to develop your language proficiency skills, building your linguistic competencies while also learning about the culture and literature of the language(s) through an interrogation of key texts. You will also develop your skills as a teacher as you progress through the course, undertaking modules in foundation disciplines (history/sociology/psychology/philosophy of education, curriculum studies) and professional studies (communication skills, digital learning, research) while also engaging in school placement (in both primary and post-primary schools). A key aspect of the course is to prepare you for working with a diverse range of students and personnel across the education system, with particular emphasis on the school as a learning community.

First Year

You can study two languages (French, Spanish, German, Italian or Portuguese, an Ghaeilge) or an Ghaeilge solely. Language modules will focus on developing your language proficiency while also introducing you to the associated culture and literature. Education modules include: Irish Childhoods • Socio-Historic Perspectives on Education • Education for a Sustainable Future • Creative Pedagogy & Wellbeing • Introduction to Language Learning, Pedagogy & Communication. Placement in this year will be undertaken in a primary school.

Second Year

You will continue to build your language proficiency engaging in modules focused on developing your skills and confidence in the language(s) you are studying as well as continuing with your cultural studies. Education modules include: Education for Democracy • Inclusive Education for Learners with Additional Learning Needs (ALN) • Contemporary Language Pedagogy, Curriculum & Assessment. Placement will be undertaken in a post-primary school.

Third Year

The immersive study abroad or in the Gaeltacht forms an integral part of this year to apply your language learning in a language placement. If studying two modern languages, placement will be undertaken in trimester two and three (Summer trimester) of the third year. If studying an Ghaeilge and a modern language, language placement will be undertaken in trimester one (the Gaeltacht) and two (Erasmus) of the course. If studying an Ghaeilge alone, language placement will be undertaken in trimester one of the course. Education modules will be taken online to include research methods in preparation for the research project in year four of the course and digital technologies & language pedagogy.

Fourth Year

The final year of the course will prepare students for the intensive block placement experience to be undertaken in post-primary schools over two trimesters. Students will also engage in a research project, working with your Treoraí (co-operating teacher) to identify a relevant topic and to undertake the research study over the course of your placement. Education modules include: Professional Placement • Portfolio & Methods (Trimester 1 & 2) • Research Project. Students will also engage in the final language modules required to ensure you meet the required standards for language proficiency.

Assessment

Assessments will include essay format as well as written examinations, oral and aural examinations, in-class individual presentations, group project work, reflective diaries, translation tasks, and a research project in the final year. Placement will be assessed by a school placement supervisor and tutor. Students will also develop a learning portfolio of work (Taisce) over the duration of the course, which you will use as you transition into the teaching profession as a qualified post-primary school teacher.

Career & Graduate Study Opportunities

This concurrent initial teacher education (ITE) course has been recognised and accredited by The Teaching Council of Ireland. For further information **www.teachingcouncil.ie/en/** If students fulfil all elements and requirements of the course, you will be eligible to apply for registration as a post-primary school teacher with the Teaching Council of Ireland.

CAO Code: DN760

CAO Points Range 2022: **New Course**
Length of Course: **4 years**
Places: **40**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subject

Special Entry Recommendations:

- BEd Education, Gaeilge and Modern Languages – To study this option, we strongly recommend that you have at least a Grade H4 in Gaeilge and a Grade H4 in the Modern Language studied to Leaving Certificate (or equivalent).
- BEd Education and Modern Languages - To study this option, we strongly recommend that you have at least a Grade H4 in one or more Modern Language(s) studied to Leaving Certificate (or equivalent). Two languages will be studied as part of this degree option. Both can be taken at non-beginners level or one of German, Italian, Spanish or Portuguese can be taken at beginners level.
- BEd Education and Gaeilge - To study this option, we strongly recommend that you have at least a Grade H4 in Gaeilge and/or in the Modern Language studied to Leaving Certificate (or equivalent).

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Other Courses of Interest:

Modern Languages	43
Applied Mathematics, Mathematics & Education	134
Biology, Mathematics & Education	135
Chemistry, Mathematics & Education	136
Computer Science, Mathematics & Education	137
Physics, Mathematics & Education	138

www.myucd.ie/ewgml
UCD School of Education
education@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

BUSINESS

Why UCD Business?

The UCD Lochlann Quinn School of Business has a long history of innovation to help students meet and shape a changing business and social world. We are committed to leading that edge, not just today but for generations to come. Our ambition is to help set you on your path to make a positive difference in business and society.

At UCD Quinn School we have made a commitment to transformational learning and development through world-class teaching facilities and a dynamic innovative learning experience. You will work with the best business students from around the world, meet some of the world's leading employers and interact with leading research-active lecturers. Our focus is not only on providing education, but also on the skills necessary to succeed in the working world.

We work to cultivate informed, active, global citizens. You will be challenged and supported to expand your horizons and ambitions as you build strong foundations of business knowledge, with a choice of four business programmes to choose from. You will be part of a global classroom, learning new ways of working, thinking and collaborating - and building friendships that will support you throughout your life and career.

World Class Excellence

The UCD Lochlann Quinn School of Business is one of the world's leading business schools and has been a triple accredited business school for more than 20 years by both AACSB (the principal American accreditation) and EQUIS (the leading European accreditation). These accreditations are marks of quality for our School and demonstrate that our programmes, teaching, research and standards are internationally recognised and highly valued qualifications. Ranked in the top 100 business schools internationally, a degree from the UCD Quinn School is an excellent start to your professional career.

Innovation

The UCD Quinn School offers a progressive, innovative and engaging learning environment. At the heart of the school, is the exciting new UCD Moore Centre for Business, a large purpose-built space for business education, formal and informal networking, collaboration and learning, designed to offer the best student experience in Ireland.

Bookable teamwork studios, Bloomberg analytics terminals, a digital collaboration lab, modern lecture theatres and our creator media suite are just a few of the impressive facilities available to students.

From exciting new learning spaces, to innovative curriculum, opportunities to connect with UCD Quinn alumni through the Quinn Mentoring programme and the Quinnsights programme, working side-by-side with world renowned researchers, taking part in the Quinn Internship programme or travelling abroad to study, the UCD Quinn School offers students endless opportunities to develop their future career.

International Study Opportunities and the Global Classroom

Business is global and employers are increasingly seeking graduates with intercultural skills. Our diverse staff and student cohort from over 50 countries will help you develop these skills through real life experience in a truly global classroom setting. All students at UCD Quinn have the opportunity to study abroad and experience the culture of countries across Europe and in China, Singapore, New Zealand, Canada and Australia in one of over 70 partner institutes.

Quinn Internship Programme

The UCD Quinn Internship Programme is an optional programme available to students of Commerce and Economics and Finance. Supported by a dedicated Internship Manager, the successful Quinn Internship programme is a year-long paid work placement, with top-tier companies across a range of business disciplines, providing students with an opportunity to put the theory and skills learned in the classroom into practice.

Students have completed internships in companies such as Microsoft, KPMG, PwC, EY, IBI Corporate Finance, Deloitte, Johnson & Johnson, Grant Thornton, AppleGreen, Special Olympics, Primark and Capnua.

For the last number of years, all students who have taken part in the Quinn Internship Programme are either in full-time employment or in further studies within six months of graduation.

Incredible Career Opportunities

Our degrees have been developed in consultation with industry leaders and they reflect the changing business world.

Graduates from the UCD Quinn School are highly sought after in a range of fields such as accounting, banking and finance, management consulting, marketing, business operations, and technology, along with the public sector and not-for-profit organisations.

Increasingly, our graduates are among an entrepreneurial elite who are leading the way in a varying range of industries including financing, transportation and cosmetics.

The most recent graduate outcome survey reported 95% of Quinn graduates were either in employment or further study within one year of graduation.

Your First Year Experience

During your first year, you will learn about the foundations of business, and will be challenged to think critically about its role in society. You will develop your understanding of business theory and practices, and the skills needed for a successful career.

Employers seek graduates with excellent communication, management, leadership and team-work skills, graduates who are problem solvers, independent thinkers and ethically minded. Our courses use business simulations, case studies, presentations, web and blog development and video projects to develop graduates with these attributes.

You will also have ample opportunity to pursue your academic and personal passions through extracurricular activities in clubs and societies, volunteer in community projects or start your own initiative. We actively encourage you to embrace this as an important part of developing your skills, with the ultimate goal to help you build a successful career in business and beyond.

Ambition for Impact

At UCD Quinn School, we educate aspiring business talent in order to have an impact in the world of business and beyond. You will be taught by Ireland's leading business academics and supported and guided through your studies by Peer Mentors, Student Advisers and a dedicated Business Programme team. We look forward to you joining our inspiring community.

Find out more:
UCD Lochlann Quinn School of Business Virtual Tour

@MyUCD

STUDYING UCD COMMERCE

TRANSFORMATIONAL LEARNING	BUSINESS, SOCIETY & SUSTAINABILITY	INNOVATION & ENTERPRISE

YEARS 1 & 2 — Engage with the principles of business

Accountancy	Mathematics	Marketing	Management
Finance	Management Information Systems	Economics	International Study Opportunity

1 Year Optional Paid Internship Opportunity

YEARS 3 OR 4 — Refine your knowledge

Accountancy	Human Resource Management	Management & Innovation
Marketing	Management Information Systems	Finance

Bachelor of Commerce (Honours)

UCD Graduate Studies in Business

Continue your study with a Masters at UCD Michael Smurfit Graduate Business School in areas such as

- Quantitative Finance
- Supply Chain Management
- Aviation Finance
- Food Business Strategy
- Digital Marketing

Careers in Business

Management

- Management Consulting
- Multinational Operations
- Supply Chain Management
- IT – Business Analyst/Business Analysis/Systems Design
- Graduate Development Programmes
- Managing Technology Development, e-Business
- Entrepreneurship
- Managing People & Strategy
- Sustainability

Marketing

- Marketing/Brand Management
- PR/Advertising/Event Management
- Business Development/Sales
- Media/Publishing/Communications
- Digital/Social Media Marketing

Financial Services/Financial Institutions

- Investment Banking/ Corporate Finance/Trading
- Accountancy
- Investment Management
- Taxation/Tax Consultant
- Insurance
- FinTech
- Audit

Public Sector

- International Development/Not-for-Profit
- Non-Governmental Organisations (NGOs)
- EU Institutions
- Public Sector / EU Institutions
- Academia / Teaching

Human Resources

- Change Management
- Training & Development
- Recruitment

Continue to develop your business career with UCD: MBA, Executive Education, PhD

COMMERCE

BComm (Hons) (NFQ Level 8)

Studying Commerce has allowed me to gain a deeper knowledge of business and identify special areas of interest to me. By studying in the Quinn School, I was able to take part in case competitions for KPMG and the Financial Times and represent the school in Washington as part of an exchange programme with Howard University. I also completed internships with KPMG, Microsoft and TikTok, which has allowed me to apply what I have learned in the classroom into real-world scenarios. I would recommend Commerce to anyone that wants to broaden their knowledge of business while getting hands-on experience that can propel them beyond their undergraduate degree.

Shedrack Alli, Student

CAO Code: DN650

CAO Points Range 2022: **554-625**
Length of Course: **3 Years**
(4 Years with optional internship)
Places: **230**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O6/H7 in English, Irish, a third language and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Why is this course for me?

The Bachelor of Commerce (BComm) is a globally recognised business degree, designed for ambitious and achievement-orientated students who want to make a significant impact in the business world. Combining strong theoretical understanding with the practical skills needed for graduate employment, students are assured of a challenging and relevant course for the modern business world.

You will learn to become an independent and critical thinker and a cogent and compelling communicator; with the skills to work seamlessly in groups; to develop the technical and mathematical skills to analyse and make sense of business data and intelligence.

You will learn about the recent themes and trends transforming the business landscape, such as globalisation, technological change, and environmental sustainability.

What will I study?

In your first and second year, you will study a wide range of core business disciplines. This will give you a solid understanding of the foundations of business. You will explore modules through numerous different assessments and project methods, including: case studies, presentations, and business simulations.

First Year

Accounting • Management • Economics • Maths & Statistics • Digital Business • Business Law • Business in Society • Business Management Simulation • Inside Organisations

Second Year

Accounting • Finance • Marketing • Business Analytics • Global Business • Sustainable Operations and Supply Chain Management • Digital Society

Final Year

In your final year, you will have the option to focus your module choices on a specific business area or you may wish to continue studying modules from across the broad range of business disciplines.

With a wide range of electives, the BComm gives you the flexibility to develop your own personal niche of expertise with a degree of strong industry standing.

BComm students can choose from a catalogue of over 60 optional business modules, including Intro to Cryptocurrencies, Sustainable Finance, Entrepreneurship in Action, Global Marketing and much more.

Business Mentoring Programme

In second year, students can participate in a personalised mentorship programme, gaining industry knowledge, advice and support from the College of Business alumni community.

International Study Opportunities

In second year, you have the opportunity to study abroad for a trimester in one of our partner universities in Australia, Canada, China, Europe, Hong Kong, New Zealand and Singapore.

Internship Programme

Our optional one-year paid internship programme places successful students with leading companies nationally and internationally. Students can apply to take their internship in a voluntary/not-for-profit organisation or the start-up sector, through the Business and Society, and Enterprise Internship Scholarships, supported by the UCD Quinn School. All placements allow students the opportunity to enhance their business skills outside the classroom and helps inform future career decisions through real-world experience.

Career Opportunities

Possible career paths include:

- Accountancy (e.g. professional training in industry, management accountants, auditors)
- Banking and Finance (e.g. investment banker, stockbroker, venture capitalist, aviation finance)
- Human Resources Management (e.g. HR manager, recruitment, training consultancy)
- Information Systems (e.g. data analyst, ICT project leader, business analyst)
- Management (e.g. management consultant, entrepreneur, supply chain manager)
- Marketing (e.g. advertising, brand management, social media manager)

Other Courses of Interest:

Commerce International	85
Economics & Finance	86
Business & Law	101
Sustainability with Business & Economics	106

LEARN MORE

www.myucd.ie/commerce
UCD Lochlann Quinn School of Business
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I was keen to study business with a global perspective and experience a new language and culture simultaneously. This degree has given me a comprehensive understanding of all business areas, allowing me to choose a career that was right for me. The academic year abroad in Paris was challenging, but immensely rewarding, as I pushed myself beyond my comfort zone, developed my cross-cultural competence and gained fluency in French. In addition to studying abroad, you will have the opportunity to take part in an extensive range of extra-curricular activities in both UCD and the host university, which will enhance your experience and give you a competitive edge within the international job market.

Dariya Bazhenova, Graduate

COMMERCE INTERNATIONAL

BComm (Hons) (NFQ Level 8)

CAO Code: DN660

CAO Points Range 2022: **544-625**
Length of Course: **4 years**
Places: **102**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O6/H7 in English, Irish, a third language and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Special Entry Language Recommendations
- Students will need a minimum of grade H4 in Leaving Certificate French (or equivalent) to take any French language combinations.
- Applicants with advanced levels of Chinese are welcome on the course. Each applicant will take a placement test to ensure registration to the correct level of Chinese language at the start of the course.
- Beginners German combined with beginners Spanish is not available.

Why is this course for me?

The Bachelor of Commerce International (BCIT) combines a flexible business education from Ireland's leading business school with the linguistic skills and cultural understanding to succeed in the exciting world of international business.

Students of the BCIT course are well-grounded in the theory and practice of business management and equipped to understand and comment critically on business issues. To achieve a truly global perspective on business, it is necessary to immerse yourself in the culture and not just learn the vocabulary. Students are brought to a high level of language proficiency and cultural sensitivity, which enables them to live abroad for a year and to study business through their chosen language. While this immersive experience is a demanding challenge, education experts have shown that these multicultural competencies are strongly linked with innovative thinking and creative performance.

What will I study?

On applying, you will select two languages to study, choosing from Chinese, French, German, Italian or Spanish. With the exception of French (H4 requirement), you will have the opportunity to study these languages from beginner level.

At the end of the first trimester, students choose one language to pursue as their language minor for the remainder of the course. While the European language options include a focus on literature and culture, the Chinese language option encompasses culture, politics, law and society.

Throughout the duration of the course, you will receive a firm foundation in core and specialist business disciplines, as well as developing your language proficiency to degree minor level.

First Year

Accounting • Economics • Maths & Statistics • Inside Organisations • Management • Business in Society • 4 x Language & Culture/ Literature modules

Second Year

Management Accounting • Marketing • Human Resources • Sustainable Operations and Supply Chain Management • Finance • Information & Communications Technology • Digital Business • 5 x Language & Culture/ Literature modules

Third Year

The year studying abroad is an integral part of the BCIT course. You will spend the year studying at one of our highly regarded international business school partners. With the European language minors, you will study business modules through the chosen language for the year, while the Chinese minor involves one trimester studying Chinese language and a second trimester studying business through English.

An additional option, for those who do not wish to pursue the language minor beyond Year 2, is to take a Global Business minor in Years 3 and 4 of the programme. In this case, the year abroad is taken through English at a Global Partner University and in the final year you will concentrate solely on business subjects.

In third year, you will also have an opportunity to participate in the BCIT summer internship module.

Fourth Year

In the final year, you will continue with language and culture/literature studies in addition to focusing on the particular business discipline(s) that you are most interested in (e.g. Accountancy, Management, Marketing, Finance, Management Information Systems or Human Resource Management).

Business Mentoring Programme

In second year, students can participate in a personalised mentorship programme gaining industry knowledge, advice and support from the business alumni community.

Career Opportunities

BCIT graduates find employment in the private, public and not-for-profit (NGO) sectors, or set up their own companies. Many different career paths are available, and students who can combine an international language with a business qualification are highly employable graduates for multinational companies. In addition, the focus on multicultural competencies gives BCIT graduates a unique competitive advantage in the global marketplace.

www.myucd.ie/commerce-international
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quinnschool@ucd.ie
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LEARN MORE

Other Courses of Interest:

Commerce 84
Economics & Finance 86
Business & Law 101

ECONOMICS & FINANCE

BSC (Hons) (NFQ Level 8)

If you are a hardworking, analytical person with an interest in maths and finance and looking for a career in the world of business then Economics and Finance at UCD is the degree for you. The broad range of modules offered in years one and two prepared me to tailor my degree in my final year to pursue my long-term goals and interests. The small class size helped me really connect with my classmates and my semester abroad and yearlong internship is something I really valued. There is a particular emphasis on ensuring you are prepared for a rapidly changing world. This contributes to the outstanding international reputation of this course, offering unparalleled opportunities for further study and employment.

Maria Guinan, Student

CAO Code: DN670

CAO Points Range 2022: **625-625**
Length of Course: **3 Years**
(4 Years with optional internship)
Places: **55**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- O6/H7 in English, Irish, a third language and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Why is this course for me?

If you have an interest in financial markets and economics, and a strong ability in maths and statistics, this degree provides everything you need for a future career in the areas of financial economics, banking and finance. Recognised as one of the premier degrees in its field in Ireland and internationally, this programme equips students with outstanding expertise in quantitative methods, analytical skills and a rigorous preparation in economics and finance. The skills that the course develops are valuable on their own in many careers and provide the essential background for learning Economics and Finance.

What will I study?

First Year

During the first year of this course, you will develop your knowledge and understanding of core principles, concepts, methods and theories relevant to the study of Economics and Finance. The emphasis initially will be on quantitative methods (Maths and Statistics) and Economics to build solid academic foundations on which competencies in Business and Finance will be advanced throughout the course.

Modules: Economics • Finance • Business in Society • Business Analytics • Financial Accounting • Statistical Modelling • Linear Algebra • Advanced Calculus • Principles of Macroeconomics

Second Year

You will then learn to apply this knowledge to practical and important problems faced by businesses and policy makers in a broad range of settings in the financial industry.

Modules: Introduction to Programming • Probability Theory • Intermediate Macro & Microeconomics • Game Theory • Financial Institution Management • Optimisation in Finance • Corporate Finance • Econometrics • Financial Mathematics • Inferential Statistics

Final Year

In final year, depending on your area of interest you can specialise in the module areas of Economics, Finance or Maths and Statistics.

The Finance stream places emphasis on problems and applications relevant to the financial industry and corporate financial management. If you choose the Economics or Maths & Stats stream, the emphasis will instead be on different aspects of economic analysis and quantitative methods needed to support (as a consultant or an analyst) and undertake (as a manager or a policy-maker) decision-making in a corporate or policy-making setting. Modules include: Applied Portfolio & Risk Management • Advanced Microeconomics • Financial Economics I & II • Econometrics of Financial Markets • Research Topics in Finance • Modules associated to your specialisation

Business Mentoring Programme

In second year, students can participate in a personalised mentorship programme, gaining industry knowledge, advice and support from the College of Business alumni community.

International Study Opportunities

During your second year, we encourage you to pursue an international study experience for one trimester at one of our exchange partner universities in Australia, Canada or Singapore.

Internship Programme

Our optional One-Year Paid Internship Programme places successful students with leading companies nationally and internationally. All placements allow students the opportunity to enhance their business skills outside the classroom and helps inform future career decisions through real-world experience.

Career Opportunities

This highly regarded degree offers graduates exceptional prospects for future employment and study. Employment options may include: Analytics or Risk Analysis, Stock Brokering, Fund Management, Investment Banking, Insurance, Corporate Finance and Economics.

Other Courses of Interest:

Economics	68
Commerce	84
Business & Law	101
Sustainability with Business & Economics	106
Mathematics	127
Actuarial & Financial Studies	139

LEARN MORE

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DIPLOMA/ BACHELOR OF BUSINESS STUDIES

(NFQ Level 7/NFQ Level 8)

Choosing this degree is the best professional decision I have made in my 20 plus years of working. It has unlocked my potential and opened my mind to new possibilities. The value of learning while working cannot be underestimated and has given me a much deeper understanding of the organisational environment. I work for a large multinational company, so all the content has been relevant to me. I enjoyed economics and found change management a fascinating topic that will help me navigate the ever-changing business environment. The programme structure is supportive of individuals trying to maintain a work-life-study balance and staff are always available to help. I found the student forums very helpful for discussing ideas and creating a shared understanding.

Rory Holohan, Graduate

Why is this course for me?

This part-time programme is designed for mature students, with work experience, who wish to return to education to complete a diploma or degree in Business Studies while continuing to work.

You can combine work, study and family commitments through a more flexible approach to your learning here at UCD. Our business diploma and degree courses involve a blend of home study and monthly campus attendance, underpinned by an infrastructure of student supports.

Attendance on campus is scheduled in two-day blocks (Fridays and Saturdays) over six weekends in each academic year.

After the first two years, successful participants will be awarded a Diploma in Business Studies (NFQ Level 7) and, after a further two years, a Bachelor of Business Studies Hons (NFQ Level 8).

What will I study?

You will develop a solid, conceptual understanding of business and organisational management, along with the knowledge application, communication and leadership skills necessary for the modern business environment.

First and Second Year

In the first two years, you will be introduced to the fundamentals of management. You will gain a thorough understanding of the main business disciplines and the principles of management in an Irish and global context. This stage of the course introduces you to the key business functions, including:

Management • The Future of Work & Organisations • People Management • Accounting • Business Law • Business Economics • Digital Business & Social Media Strategy • Marketing Management • People Management • Business Environment

You will also undertake two academic skills modules, designed specifically to help and support you as you return to education.

Third and Fourth Year

In the Degree stage, you will be introduced to the functions of strategic management.

You will explore key aspects of modern business organisation, including: Business Strategy • Supply Chain Management & Sustainability • HRM • Enterprise & Innovation • Strategic Decision Making • Financial Management • Global Business

You will also have the opportunity to undertake a major project in a self-selected area of business management that allows you to develop industry specific knowledge in your selected field.

Student Support

We recognise the needs of part-time students. To support, a dedicated Programme Manager who is well placed to provide both academic and administrative support is available to students.

This programme manager also delivers a number of practical academic skills modules to support those returning to education.

Career & Graduate Study Opportunities

Graduates will progress to rewarding and challenging employment in industries including, administration, banking, insurance & financial management, education/training, engineering & construction, healthcare, hospitality & tourism, IT & telecoms, marketing & media and retail, sales & customer services.

Roles may include technical, operational or managerial positions.

On completion of the Bachelor of Business Studies, graduates are eligible to apply for postgraduate study in a range of areas including business strategy, project management and education.

CAO Code: NON-CAO

Part-Time Course

Length of Course: **2 Years (DBS) + 2 Years (BBS)**

General Entry Requirements

Eligibility for the course is considered on the basis of mature years (a minimum age of 23 years on 1 January of the year of entry) or on the basis of matriculation (a minimum age of 21 years on 1 January of the year of entry with students having fulfilled the Matriculation requirements of the National University of Ireland).

Exemptions from the Diploma in Business Studies may be granted in the case of holders of a HETAC Higher Certificate, or Ordinary Degree in Business Studies (with Merit or Distinction) or an equivalent qualification.

Fees

The "Free Fees Initiative" does not apply to this course. Please see www.ucd.ie/fees for information.

Apply

Applications for these part-time courses can be made directly through the UCD Application Website www.ucd.ie/apply. For detailed information on the application process visit www.ucd.ie/bbs

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LAW

Law governs many aspects of our lives. It affects many of our day-to-day interactions, transactions and personal relationships, as well as the fundamental challenges which face our society such as human rights, climate change, migration, international relations, and criminal justice.

As a law student in UCD, you will learn what laws are, how they work and how they change. Our aim is to inform, inspire and challenge our students. During your degree we will teach you how to develop rigorous research and analytical skills and you will learn to understand academic integrity and ethics.

UCD Sutherland School of Law is the first purpose-built university law school in Ireland, offering students the opportunity to learn in an attractive and friendly environment with unrivalled facilities. The UCD School of Law was established in 1911 and is a globally recognised law school, ranked in the top 100 in the international QS Rankings. We count amongst our alumni many leaders in legal practice, the judiciary, business, the media, political life and civil society organisations. For example, the current President of the European Court of Human Rights, Judge Síofra O'Leary, the Chief Justice of Ireland, Mr Justice Donal O'Donnell and the Attorney General of Ireland, Mr Rossa Fanning are all distinguished graduates of our school.

Why UCD School of Law?

- We offer world-class learning and teaching facilities in our state of-the-art building which includes a Mock Courtroom where students can practice the skills of advocacy and debate.
- Students can choose to study a law degree with a wide range of complementary subjects. They can focus purely on Law (BCL) or combine the study of Law with one of the following: Business, Economics, Philosophy, Politics, Social Justice, Irish, French Law or History.
- We launched our first non-law degree in 2023 - a unique four-year BSc Criminology with Psychology degree.
- Our academic staff are experts in a wide range of fields in national and international law and criminology, allowing us to offer an unparalleled range of innovative and topical modules.
- We offer a wide-ranging, credit-bearing internship programme in semester two of third year (currently offered across seven of our degrees).
- Our students have the opportunity to study other legal systems through our unrivalled international exchange programme with top universities in Europe, North America, Asia and Australasia.
- We are committed to supporting our students through their time in college with peer mentors, academic advisers and student advisers on hand to offer advice.

Find out more:
UCD Sutherland School of Law Virtual Tour

@MyUCD

- Every year, a number of our graduates progress to graduate studies in prestigious universities, including Cambridge, College of Europe, European University Institute, Harvard, the University of Pennsylvania, the London School of Economics and Oxford.

UCD Sutherland Opportunity supported by Mason, Hayes & Curran

The UCD Sutherland Opportunity supported by Mason Hayes & Curran provides funding and assistance for law students at every stage of their degree to create a transformative university experience leading to a successful career in law. The aim is to create greater diversity in the legal profession and other careers where legal expertise is sought. Scholarships, career mentoring and bursaries to fund international study and experiences are provided.

Your First Year Experience

- UCD Sutherland School of Law welcomes first year students to a friendly and vibrant community. Under our Peer Mentoring and Academic Adviser schemes, current students and lecturers are assigned to each first-year student to offer advice and support.
- In the BCL and BBL degrees, you will explore the fundamentals of law in Constitutional Law and Contract Law modules. There are also two foundation modules, one which provides a general introduction to the Irish Legal System and the other which will teach you the fundamentals on how to study law.
- In the BSc Criminology with Psychology you will undertake introductory modules in both disciplines and core modules such as Law & Crime and Brain & Behaviour.
- Lectures are supplemented with small group tutorial teaching to help you learn how to understand cases, to interpret legislation and, ultimately, find your own voice. For the DN600 programmes there are 125 places on offer and the average number of students taking each BCL option is shown on the relevant page.
- You will be encouraged to get involved in debating, mooting (mock trials) and negotiation skills competitions.
- You can join other students in the two societies associated with the School of Law: UCD Law Society and UCD Student Legal Service.
- Specialist careers support is provided by the School's Career Adviser and UCD Careers Network to help you identify and achieve your career ambitions.

STUDYING UCD LAW

YEARS 1 & 2

Foundations of legal knowledge and specialist subjects

DN600 Bachelor of Civil Law	DN600 BCL Law with Economics	DN600 BCL Law with French Law	DN600 BCL Law with History	DN600 BCL Law with Philosophy
DN600 BCL Law with Politics	DN600 BCL Law with Social Justice	DN600 BCL Law with Irish	DN610 Bachelor of Business & Law	

All students are offered core law modules and course specific subjects

CORE LAW MODULES

General Introduction to the Irish Legal System	Constitutional Law	Tort Law	Contract Law
Legal and Professional Skills	European Union Law	Property Law*	Criminal Law

DN600 students also take programme specific modules as appropriate, for example in:

Law	History
Economics	Philosophy
French Law	Politics
Irish	Social Justice

*Offered as optional module to DN610 in Year 3

YEARS 3 & 4

Opportunities for internships, international study and specialising

Graduate with a Bachelor Degree in Law (Honours)

Bachelor in Law (Honours) Graduates can then choose to...

Specialise through UCD graduate study

PROFESSIONAL DIPLOMAS IN
- International Financial Services Law
- Professional Regulation
- Data Protection Law & Governance

MASTER OF LAWS (LLM) IN
- International Commercial Law
- Criminology & Criminal Justice
- European Law & Public Affairs
- International Human Rights
- Intellectual Property & Information Technology
- General

MASTER OF SCIENCE (MSc)
- Environmental & Climate Law
- International Law & Business

Doctor of Philosophy (PhD)
- Law
- European Law & Governance

Shape your career with UCD Law in Ireland or abroad

Law	Business
Solicitor (Ireland, England, NI and India)	Corporate Banking
Barrister (Ireland, England, NI and India)	Management
In-house Counsel	Business Analyst
Avocat (France)	Financial Services
Academia	Data Protection Compliance

Media & Politics	Public Policy
Broadcasting	Public Service
Press	Research
Political Advisory Roles Diplomacy & Foreign Affairs	Non-Governmental Organisations
	Education

Continue to develop your professional career with UCD

LAW

BCL (Hons) (NFQ Level 8)

I chose to study law because I enjoy seeing how the world around me is governed by rules and policy. The opportunity to study such a variety of law modules is something which really appealed to me about the Law (BCL) course, whether this is Human Rights Law, or Environmental Law and Policy. One of my favourite things about UCD is the student societies. As the Auditor of the 113th Session of the UCD Law Society, this is a fantastic way to further your public speaking through debating and adding to your practical skills through mock trials and mooting. LawSoc, for me, has also been where I have met many like-minded people with whom I have formed some of my best friendships.

Robin Jowett, Student

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **43**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

The UCD Bachelor of Civil Law (BCL) degree enjoys a proud history and an established reputation at home and abroad. The BCL degree allows you to immerse yourself in the study of law, to engage with a range of interesting legal perspectives and to acquire a profound understanding of how law works in theory and in practice.

What will I study?

First & Second Year

In first year, you will explore some foundational areas of law, including: Legal & Professional Skills • General Introduction to the Irish Legal System • Contract Law • Tort Law • Constitutional Law

You will study modules in civil and criminal procedure. In second year, you will explore EU Law and core areas of Irish law, including: Property Law • Company Law • Criminal Law

You will attend lectures and tutorials, in addition to engaging in study and preparatory work. A sample timetable can be viewed at **www.ucd.ie/myucd/law**.

Third & Fourth Year

You can tailor your BCL by selecting from modules such as: International Human Rights • Environmental Law • Intellectual Property Law • Media Law • Family Law • Commercial Law

In addition, our Clinical Legal Education Centre (CLEC) offers "clinical" modules, which include Advocacy & Mooting and Alternative Dispute Resolution.

Assessment includes end-of-trimester examinations, essays and group projects.

In third year, students will have the opportunity to undertake an internship or apply to study abroad. (Note: an internship place is not guaranteed for all applicants).

Note

If you are interested in later qualifying as a lawyer in the USA, the BCL course is the recommended choice.

International Study Opportunities

Third year BCL students are offered the widest range of study abroad opportunities at partner universities throughout the world. This allows students to immerse themselves in other cultures and learning experiences while progressing with their degrees. If you choose this degree, you will have the opportunity to apply to study in almost 50 different universities throughout the world. They include Erasmus exchanges to a large number of European universities plus locations in Australia, New Zealand, North America and Asia.

Internship Module

Students on this degree have the opportunity to apply for an internship in the spring trimester of third year. This is credit-bearing module within a range of organisations that the school has partnered with. (Note: this is an alternative to international study).

Career & Graduate Study Opportunities

As a BCL graduate, you are well positioned to pursue a variety of careers, including qualifying as a solicitor or barrister who practise law independently, or working in:

- Law firms in Ireland or internationally
- Large corporations as in-house lawyers
- Professional services firms
- State bodies or Public Service
- Non-governmental organisations
- EU or other international institutions
- Legal research
- Academia

BCL graduates can also pursue successful careers other than in legal practice (e.g. as diplomats, journalists, broadcasters, authors or researchers) in Ireland or abroad. Graduates can undertake postgraduate law study programmes such as the LLM and/or a PhD in their area of interest.

Other Courses of Interest:

Law with French Law	93
Law with History	96
Law with Social Justice	100
Business & Law	101

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I would highly recommend studying this degree to anyone with an interest in the French language and legal system. The modules taken, and the year abroad, offer a balance between learning about Irish law and developing a detailed understanding of the Civil Law system. Graduates, fluent in French, are uniquely placed for a career or postgraduate study on a European or International level. The small class size creates a collegiate atmosphere, and the timetable allows plenty of time for extracurricular involvement. For example, as a member of the Literary & Historical Society, I had the opportunity to organise a debating competition for second level students, in collaboration with the Law Society.

Daniel Kelly, Student

LAW WITH FRENCH LAW

BCL (Hons) (NFQ Level 8)

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **12**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
Students will need a minimum grade H3 in Leaving Certificate French (or equivalent) to take the BCL (Law with French Law) course

Why is this course for me?

This is a highly valued degree by employers both in Ireland and in Europe. Language proficiency is increasingly important in the modern business world and this qualification gives graduates a distinctive point of differentiation when seeking employment.

Law with French Law is one of two French Law Courses offered by Sutherland School of Law, the other being the dual degree - the BCL/Maîtrise (more information on the following page). All students interested in the French Law Courses enter the BCL (Law with French Law) in first year. Both degrees offer the exciting opportunity for immersion in two of the world's major legal systems. Student will learn about the common law system, practised in Ireland and the UK (and in some form, in most of the English-speaking world) and the civil law system which is used throughout Europe.

The BCL (Law with French Law) degree provides students with a qualification in Irish law, while acquiring a broad knowledge of French law and a very high level of competence in French language and French legal terminology. French Law classes are small and students are encouraged to interact throughout thus enhancing their spoken French. On graduation, students may choose to pursue a career in an Irish legal context but this degree will also have given them the opportunity to gain valuable comparative insights, which inform an enhanced critical perspective on Irish law.

This degree is four years in duration with third year spent at a leading law school in France.

What will I study?

All French law modules studied at UCD are taught through French.

First Year

First year focuses on the core law modules of Constitutional Law, Contract Law, Tort Law. Legal and Professional Skills and a General Introduction to the Irish Legal System. This is combined with intensive French language training and modules covering French Public Law, French Private Law, French Law Book Club and French Fictions.

Second Year

In second year, you will study other core law modules: EU Law • Property Law • Criminal Law. You will also advance your French language training and continue to study French Private Law and French Public Law.

Third and Fourth Year

You will spend your third year at a partner university in Aix-Marseille, Nice, Lyon, Paris, Strasbourg or Toulouse. You will return to UCD for the final year of your BCL degree and will be required to complete a dissertation in French on French law.

Career & Graduate Study Opportunities

This degree ensures that graduates are well placed to pursue careers with international law firms, EU and international organisations, diplomacy and government departments, or Non-Governmental Organisations. Past graduates have progressed to study at prestigious institutions in the EU and internationally and others have obtained scholarships to the renowned College of Europe in Bruges.

Key Fact

Every June we hold a Summer School which gives 5th year pupils a taste of how we teach law. We also host a Law Open Evening every October for secondary school pupils and their parents to meet law students and law faculty. Here you will have a chance to sample short lectures, listen to careers, talks and hear about student experiences, including international exchanges.

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LEARN MORE

Other Courses of Interest:

Law 92
BCL/Maîtrise 94

BCL/MAITRISE

Law Dual Degree

BCL/Maîtrise (NFQ Level 8)

This course has been an extremely rewarding experience. The unique course provides the perfect path into practicing law whether in Ireland, France, or internationally. By acquiring in-depth knowledge of both the common law and the civil law legal systems, you are developing your legal skills and learning about two different cultures, which offers opportunities for internships in a diverse range of law firms. Also, the flexibility of my timetable encouraged me to get involved in student life: I am the senior advisor to UCD's Arab Society, a cultural society. Getting involved is crucial to develop your interpersonal skills and to make memories from the best years of your life! (Celine is now a Legal Review Analyst with a major Dublin Law Firm).

Celine Dakik, Graduate

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **17**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
Students will need a minimum grade H3 in LC French (or equivalent) to take the BCL (Law with French Law) course.

*Note: In first year you study the BCL (Law with French Law); towards the end of first year, students achieving the highest grades have the option to apply for interview to enter the BCL/Maîtrise or to continue with the BCL (Law with French Law).

Why is this course for me?

The BCL/Maîtrise dual degree in UCD Sutherland School of Law is unique in Ireland. The degree is four years in duration, the first two are spent in UCD and the final two at a leading law school in France. The BCL/Maîtrise is aimed at highly motivated and ambitious students. Graduates of the programme are uniquely placed in the employment marketplace due to the exceptional range of legal and linguistic skills that they will have acquired.

The BCL/Maîtrise is one of two French Law Courses offered by Sutherland School of Law, the other being the BCL (Law with French Law) on the previous page. All students interested in the French Law Courses enter the BCL (Law with French Law) degree in first year. Both degrees offer the exciting opportunity for immersion in two of the world's major legal systems, the common law and the civil law. A deep knowledge of civil law is invaluable to graduates who choose to pursue careers with organisations of the European Union or have ambitions to work in international law firms.

During their first year, students of the BCL (Law with French Law) degree may apply to enter the BCL/Maîtrise in second year.

Places are open to students who have achieved good grades in Level I of BCL (Law with French Law) and are keen to pursue this dual degree option. The major difference between these two degrees is that the BCL Maîtrise allows students to undertake two degrees: a degree in Irish law from UCD and a degree in French law, the Maîtrise en Droit, from either the Université Panthéon-Assas (Paris II) or the Université Toulouse 1 Capitole.

The two years in France correspond to: Year 1: "licence" (L1), Year 2: "Maîtrise" (M1 or "Master 1") which is considered to be a Masters level course in France.

What will I study?

All French law modules studied at UCD are taught through French.

First Year

In first year, you study the BCL (Law with French Law) (see previous page). Students achieving good grades at the end of first year then have the option to apply for interview to enter the BCL/Maîtrise, or to continue with the BCL (Law with French Law).

Second Year

In second year, you will study other core Irish law modules: Property Law and Criminal Law. You will also continue to study French Private Law and French Public Law.

Third Year

You will spend your third and fourth years in one of our two partner universities. The subjects studied are determined by those institutions.

- Université Panthéon-Assas (Paris II) **(see www.u-paris2.fr)**
- Université Toulouse 1 Capitole **(see www.univ-tlse1.fr)**

Career & Graduate Study Opportunities

Graduates of the BCL/Maîtrise obtain a dual qualification that allows them to progress to professional legal training in Ireland or France. Graduates are particularly well placed to pursue careers with international law firms, EU and international organisations, diplomacy and government departments, or Non-Governmental Organisations. Recent graduates have secured roles with the Department of Foreign Affairs and with International Courts.

Key Fact

The BCL/Maîtrise degree will suit students who wish to pursue a career as a barrister or a solicitor in Ireland, or alternatively as an avocat in France. It is also an excellent choice for those who aspire to practise in the domains of International and European Union Law, or in governmental or international institutions

Other Courses of Interest:

Law 92
Law with French Law 93

LEARN MORE

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I chose Law with Economics as I wanted an excellent legal education with an additional understanding of businesses and people in the economy. I studied exceptional modules, which were in equal parts rewarding, challenging and exciting. Studying complementary areas like competition and finance through both disciplines was particularly worthwhile. Outside of class, I presented mock court appeals to leading Irish judges, debated across Europe and organised debates and speakers for nearly 1,000 students at a time with the UCD Law Society. UCD's Law with Economics students have countless opportunities during their degree and into the future. (Conor is now a Trainee Solicitor in a major Dublin Law Firm).

Conor White, Graduate

LAW WITH ECONOMICS

BCL (Hons) (NFQ Level 8)

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **12**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
It is strongly recommended that entrants to this programme should have at least a Grade of H6 in Leaving Certificate Maths (or equivalent)

Why is this course for me?

This course allows you to obtain a highly respected degree in law, whilst simultaneously acquiring a broad knowledge of economics. Certain areas of law (e.g. competition law and intellectual property) are heavily influenced by economic theory. BCL (Law with Economics) graduates are uniquely equipped to understand these regulatory frameworks in all of their conceptual complexity. On this degree, you will embark on a field of cross-disciplinary study, which is intellectually very demanding, but also tremendously enriching and of immense practical importance.

What will I study?

First & Second Year

First year focuses on core law modules, including: Constitutional Law • Contract Law • Tort Law

In addition, you will study quantitative economics and macroeconomics for business.

In second year, you will study: EU Law • Property Law • Criminal Law

At the same time, you will also develop your understanding of economics and statistics.

Third & Fourth Year

With a wide choice of law and economics modules, you can choose to pursue your own areas of particular interest and tailor your degree through modules, including: Revenue Law • Intellectual Property Law • Trusts Law • Employment Law • Competition Law in Practice • Commercial Law • International Monetary Economics • Game Theory • Macro-Economics

You will attend lectures and tutorials, in addition to engaging in study and preparatory work. A sample timetable can be viewed at **www.ucd.ie/myucd/law**.

Assessment includes end-of-trimester examinations, essays and group projects.

International Study Opportunities

As part of your Law with Economics degree you may apply to spend time abroad during your third year at one of our partner universities. Students from this programme have chosen to undertake study in universities in Europe, Scandinavia, Australia, New Zealand, North America and Asia.

Internship Module

Students on this degree have the opportunity to apply for an internship in the spring trimester of third year. This is credit-bearing module within a range of organisations that the school has partnered with. (Note: this is an alternative to international study)

Career & Graduate Study Opportunities

BCL (Law with Economics) graduates have an attractive skill set, which is of undisputed relevance to commercial legal practices and to businesses. Recent graduates have found employment with leading law firms and businesses.

Graduates are also eligible to pursue further study in the fields of:

Commercial Law, Intellectual Property, Economics, Law & Finance, Insolvency Law

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Other Courses of Interest:

LAW WITH HISTORY

BCL (Hons) (NFQ Level 8)

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **13**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
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DARE Entry Route
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HEAR Entry Route
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University Access
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I loved every minute of my four years studying Law with History, two disciplines that complement each other particularly well. I was taught subjects such as criminal law, company law, and public international law by some of Ireland's leading barristers and academics. I also had a huge range of choice in the periods and places I studied in history, from early modern Asia to twentieth century Europe. UCD's extra-curricular opportunities are excellent: in particular, I have many fond memories and friends for life from serving on the committee of the UCD Law Society and studying on exchange in Sydney, Australia. (Helen is now a Trainee Solicitor in a major Dublin Law Firm).

Helen Brady, Graduate

Why is this course for me?

There's a natural affinity between the disciplines of law and history. Each is shaped by the other. Important historical events are often interlinked with contemporary legal structures. Legal reform may be prompted by the defining events of the past.

This course allows you to acquire a highly respected degree in law, whilst also pursuing a passion for history and acquiring a deeper understanding of past events that have shaped our current legal system.

What will I study?

First & Second Year

First year focuses on core law modules, including: Constitutional Law • Contract Law • Tort Law

In addition, you are introduced to modern European and Irish history.

In second year, you will study: EU Law • Property Law • Criminal Law

You will also engage with international history.

Third & Fourth Year

With a wide choice of law and history modules available, you can pursue your own areas of interest. Modules include: Jurisprudence • Legal History • Criminology • Fascism • Culture & Revolution

You may also be interested in taking modules offered by our Clinical Legal Education Centre (CLEC), such as: Advocacy & Mooting • Law, Ethics & Legal Practice.

You will attend lectures and tutorials, in addition to engaging in study and preparatory work. A sample timetable can be viewed at **www.ucd.ie/myucd/law**.

Assessment includes end-of-trimester examinations, essays and group projects.

International Study Opportunities

As part of your Law with History degree you may apply to spend time abroad during your third year at one of our partner universities. Students from this programme have chosen to undertake study in universities in Europe, Scandinavia, Australia, New Zealand, North America and Asia.

Internship Module

Students on this degree have the opportunity to apply for an internship in the spring trimester of third year. This is credit-bearing module within a range of organisations that the school has partnered with. (Note: this is an alternative to international study)

Career & Graduate Study Opportunities

BCL (Law with History) graduates can go on to qualify as solicitors and barristers and pursue law careers in Ireland or abroad. Graduates are also well placed to pursue careers in:

- Legal research
- Politics
- Journalism
- Academia

Relevant graduate study programmes include LLM degrees in:

International Human Rights, European Law & Public Affairs, Legal History

Key Fact

UCD Law graduates have been admitted to study for postgraduate degrees at many prestigious universities, including Cambridge, European University Institute, Harvard, Oxford and National University Singapore.

Other Courses of Interest:

History	37
History & Politics	38
Law	92
Law with Social Justice	100
Law with Politics	99

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Is cúrsa iontach é Dlí le Gaeilge dóibh siúd a bhfuil spéis acu gairm bheatha a bhaint amach i nDlí agus i nGaeilge. Cuireann an chéim Dlí le Gaeilge go leor deiseanna ar fáil in Éirinn agus san Eoraip. Ceann de na modúil is taitneamhaí a ghlac mé go dtí seo ná an t-aistriúchán dlíthiúil. Is modúl é a bheadh an-úsáideach d'aon duine ar mhian leo a bheith ina aistritheoir dlíthiúil. Is iontach na deiseanna gairme atá ar fáil dóibh siúd a bhfuil céim acu i nDlí le Gaeilge. Is mór an buntáiste é seo agus rud é nach mbeadh ar eolas agam choíche go dtí gur thosaigh mé mo chéim.

Lettie Hassett, Student

LAW WITH IRISH

BCL (Hons) (NFQ Level 8)

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **7**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

The BCL (Law with Irish) course allows undergraduate law students to access a cohesive set of Irish language modules that are relevant to the study and practice of law. This course offers you the opportunity to acquire a highly respected BCL degree, whilst additionally deepening your competence in the Irish language in the context of law. Your Irish language communication skills will be developed by the resources provided by a modern multi-media language laboratory (An Teanglann) and the advanced language skills training in Lárionad de Bhaldraithe.

What will I study?

First & Second Year

In first and second year, your studies in law comprise core modules such as: Constitutional Law • Contract Law • Tort Law • EU Law • Property Law • Criminal Law

Your Irish language modules in first and second year focus specifically on language grammar, accuracy, fluency and writing skills. These include Forbairt na Gaeilge Acadúla, Teanga na Gaeilge.

Third & Fourth Year

In third year, students may apply to study abroad for a trimester. Among the exchange destinations, this programme offers the unique opportunity to study at Concordia University (Montreal) that hosts the prestigious School of Irish Studies (see https://www.concordia.ca/).

UCD has agreed a bespoke exchange programme with this university for Law with Irish students to enrich their university experience. Concordia offers one of the leading Irish Studies programmes in the world. Students will experience life in a vibrant bilingual city and will also have the opportunity (optional) of taking a French language course. You may choose from the full menu of law modules and thereby pursue your particular areas of interest.

Modules include: Commercial Law • Environmental Law • Family & Child Law • Intellectual Property Law • International Human Rights • Jurisprudence • Media Law. You may select from the clinical law modules, including Advocacy & Mooting.

You will undertake specific advanced language skills training; analysis of the development of legislation in Irish language usage; and training in translation and terminology for legal translation. Some modules will be delivered online. Modules include: Aistriúchán Dlíthiúil • Aistriúchán agus Dlí • Iriseoireacht na Gaeilge.

Internship Module

Students on this degree have the opportunity to apply for an internship in the spring trimester of third year. This is credit-bearing module within a range of organisations that the school has partnered with. (Note: this is an alternative to international study).

Career & Graduate Study Opportunities

Graduates of this course will have experience in interpreting and using legal information in the context of either the Irish or English language. Their high level of competence in law and in Irish makes them well placed to pursue careers in law or other related careers such as lawyer/linguist, legal translation, diplomatic service and careers in the Irish or EU civil service.

Note

UCD's mini-Gaeltacht offers students a unique experience. Students from various subject areas, including law, have the opportunity to live and work together as Gaeilge. These scholarships are offered to a number of students who are fluent Irish speakers and who have the desire and the ability to initiate projects which promote the use of the language. For more information: **https://www.ucd.ie/bnag/en/**.

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Other Courses of Interest:

Irish/Gaeilge	53
Irish Studies	39
Law	92
Law with Social Justice	100
Business & Law	101

LAW WITH PHILOSOPHY

BCL (Hons) (NFQ Level 8)

The degree course of Law with Philosophy has allowed me to gain a strong understanding of the law on many levels. The breadth of subjects available in UCD means that knowledge of any area of law is always at my fingertips. In addition, through my philosophy studies, I have gained the skills necessary to consider and challenge the ethical, political and human aspects of the law and of life. It has allowed me to study law modules with philosophical elements and vice-versa. Both subjects have allowed me to hone my skills of critical thinking, ethical reasoning and problem solving. This course has enabled me to become proficient in research and writing. (Louis is now a Trainee Solicitor in a major Dublin Law Firm.)

Louis Bourke, Graduate

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Legal systems express and reflect the prevailing moral, political, social and economic philosophy of the State. Law and philosophy are, therefore, complementary fields of study. An understanding of law is fundamentally enhanced by a deeper knowledge of philosophical theory. This course offers you a highly respected degree in law, combined with an enriched appreciation of its philosophical underpinnings.

What will I study?

First & Second Year

First year focuses on core law modules, including: Constitutional Law • Contract Law • Tort Law

In addition, you are introduced to modern, moral and continental philosophy.

In second year, you will take modules in: EU Law • Property Law • Criminal Law

At the same time, you will also take modules that engage with the ideas of Hume, Kant, Aristotle and Hegel.

Third & Fourth Year

With a wide choice of law and philosophy modules available, you can pursue particular areas of interest. The choice of modules includes:

Jurisprudence • Media Law • Human Rights Law • Philosophy of Law • Critical Theory • Medieval Philosophy

You may also be interested in taking modules offered by our Clinical Legal Education Centre (CLEC), such as Advocacy & Mooting, and Law, Ethics & Legal Practice.

You will attend lectures and tutorials, in addition to engaging in study and preparatory work. A sample timetable can be viewed at **www.ucd.ie/myucd/law**.

Assessment includes end-of-trimester examinations, essays and group projects.

International Study Opportunities

As part of your Law with Philosophy degree you may apply to spend time abroad during your third year at one of our partner universities. Students from this programme have chosen to undertake study in universities in Europe, Scandinavia, Australia, New Zealand, North America and Asia.

Internship Module

Students on this degree have the opportunity to apply for an internship in the spring trimester of third year. This is credit-bearing module within a range of organisations that the school has partnered with. (Note: this is an alternative to international study).

Career & Graduate Study Opportunities

BCL (Law with Philosophy) students can choose to study the modules necessary for legal professional recognition, which enables them to pursue legal careers as solicitors or barristers.

Graduates are also well suited to careers in:

- Legal research (e.g. at the Law Reform Commission)
- Politics
- Media
- Diplomatic service
- Academia

Relevant graduate study programmes include LLM degrees in:

- International Human Rights
- European Law & Public Affairs

Key Fact

All final year UCD Law students can apply for US externships in the federal courts and the federal defender's office.

Other Courses of Interest:

Philosophy, Politics & Economics	66
Philosophy	71
Law	92
Law with History	96
Law with Politics	99

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As someone who was always very involved in school, I knew that Law with Politics was the perfect choice for me. It provides me with the support and personal development needed to represent Ireland at an international level and to be an active member of the student activism community. Throughout the last two years, I have had the opportunity to research areas of law that I am passionate about, particularly constitutional law and EU law. I also enjoy the international focus of the politics modules, and seeing how it often links back to my legal studies. The skills development and networking opportunities that I availed of here were invaluable, especially as I come from a non-legal background.

Aisling Maloney, Student

LAW WITH POLITICS

BCL (Hons) (NFQ Level 8)

Why is this course for me?

Law and politics are inextricably linked by the legislative process. This course allows you to obtain a highly respected law degree, whilst also acquiring a deeper understanding of political theory and the political process. Many UCD law graduates have progressed to political careers. Others have become high-profile political commentators.

What will I study?

First & Second Year

First year focuses on core Law modules, including: Constitutional Law • Contract Law • Tort Law

In addition, you are introduced to political theory and Irish and international political systems.

In second year, you will study: EU Law • Property Law • Criminal Law

You will also take modules that engage with political theory, comparative politics and international relations.

Third & Fourth Year

With a wide choice of law and politics modules, you can choose to pursue your own areas of interest. These include: Jurisprudence • Media Law • Human Rights Law • Contemporary Issues in Law & Politics • Foreign Policy • Political Economy • Middle East Politics

Clinical Legal Education Centre (CLEC) modules are also available, including Advocacy & Mooting, Alternative Dispute Resolution and Law, Ethics & Legal Practice.

Law students are often very active in university politics and in the Students' Union. As a BCL (Law with Politics) student, you may be interested in developing your practical skills through participation in the legal information clinics of the UCD Student Legal Service.

You will attend lectures and tutorials, in addition to engaging in study and preparatory work. A sample timetable can be viewed at **www.ucd.ie/myucd/law**. Assessment includes end-of-trimester examinations, essays and group projects.

International Study Opportunities

As part of your Law with Politics degree you may apply to spend time abroad during your third year at one of our partner universities. Students from this programme have chosen to undertake study in universities in Europe, Scandinavia, Australia, New Zealand, North America and Asia.

Internship Module

Students on this degree have the opportunity to apply for an internship in the spring trimester of third year. This is credit-bearing module within a range of organisations that the school has partnered with. (Note: this is an alternative to international study).

Career & Graduate Study Opportunities

BCL (Law with Politics) graduates are well equipped to pursue careers in:

- Legal practice
- Politics
- Broadcasting
- Journalism
- Legislative drafting (e.g. in the Office of Parliamentary Counsel)
- Academia
- Non-Governmental Organisations
- Public Service

Relevant graduate study programmes include: International Human Rights • European Law & Public Affairs • International Relations

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **21**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
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DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
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University Access
See www.myucd.ie/universityaccess

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LEARN MORE

Other Courses of Interest:

LAW WITH SOCIAL JUSTICE

BCL (Hons) (NFQ Level 8)

I have always been passionate about equality and human rights, so I was delighted to have the opportunity to study Law with Social Justice in UCD. This course allows students to see the logic and reasoning behind the law while also showing its impact on people's daily lives. One of the best parts of studying law in UCD is that it allows students to extend their legal knowledge beyond the curriculum. My experience as Editor-in-Chief of the Student Law Journal has played a pivotal role in my legal education. Additionally, being involved in the Choir and Tennis Club over the years has added immensely to my UCD experience. (Sarah is currently studying to become a solicitor).

Sarah McGee, Graduate

CAO Code: DN600

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Typical Class Size: **21**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
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DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

The BCL with Social Justice course, the first of its kind in Ireland, combines the study of law with rigorous analysis of social injustice, its causes and remedies. It will appeal to students who are interested in issues of equality, diversity and disadvantage, and who want to look in-depth at the social context in which law operates. On completion, you will be uniquely equipped to offer a critical perspective on issues such as the adequacy of our criminal justice system, the legal treatment of women and minority groups, and the underlying causes of social and economic injustice.

What will I study?

First & Second Year

First year focuses on core law modules, including: Constitutional Law • Contract Law • Tort Law

It combines this focus with an introduction to key themes and concepts in social justice and a choice of modules addressing gender; global justice; and inequality in Irish society.

In second year, you will study EU Law, Property Law and Criminal Law. At the same time, you will also take modules to develop your understanding of human rights and social justice, political economy, racism, and gender, power and politics.

At the same time, you will also take modules to develop your understanding of human rights and social justice; political economy; racism; and gender, power and politics.

Third & Fourth Year

With a wide choice of law and social justice modules, you can tailor your studies by choosing modules that reflect your areas of interest.

Modules include: Criminological Theory • Environmental Law • Public International Law • Employment Law • Matrimonial Law • Family & Child Law • Inequality in the Labour Market • Discrimination: Law and Society • Gender, War and Violence • Masculinities • Childhood & Global Justice

Clinical Legal Education Centre (CLEC) modules are also available, including Advocacy & Mooting, Alternative Dispute Resolution and Law, Ethics & Legal Practice.

Throughout the four years of the degree you will have the opportunity to further your understanding of key social justice issues in a stimulating and supportive learning environment.

You may get involved in UCD's Student Legal Service, which offers legal information clinics to students.

You will attend lectures and tutorials, in addition to engaging in study and preparatory work. To view a sample timetable go to **www.ucd.ie/myucd/law**.

Assessment includes end-of-trimester examinations, essays and group projects.

International Study Opportunities

As part of your Law with Social Justice degree you may apply to spend time abroad during your third year at one of our partner universities. Students from this programme have chosen to undertake study in universities in Europe, Scandinavia, Australia, New Zealand, North America and Asia.

Internship Module

Students on this degree have the opportunity to apply for an internship in the spring trimester of third year. This is credit-bearing module within a range of organisations that the school has partnered with. (Note: this is an alternative to international study).

Career & Graduate Study Opportunities

This degree will provide an ideal platform for careers in:

Legal practice as a solicitor or barrister, National and international Governmental and Non-Governmental Organisations as legal advisors or researchers, public policy, Human Rights practice, advocacy and/or research.

Relevant graduate study programmes include: International Human Rights • Criminology • Equality Studies • Gender Studies

Other Courses of Interest:

LEARN MORE

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BUSINESS & LAW

BBL (Hons) (NFQ Level 8)

This dual degree provides a practical understanding of the core subjects of both faculties. The modules are led by professional and engaging academics who are experts in their fields of study. This flexible degree provides us students with exposure to an equal number of business and law modules before allowing us to major in either subject during our final year. My involvement with the UCD Student Legal Service played a fundamental role in my decision to major in law and was a highlight of my time at UCD. The UCD SLS is a society that gives you the opportunity to get involved in a variety of law-related events including the negotiation competition, an annual publication, free legal aid clinics and much more.

Emily McCarthy, Student

Why is this course for me?

The Business & Law (BBL) degree is a popular choice for many students and is extremely well regarded by employers across the legal and financial communities. The degree is a 'double major' which means it combines law and business in a single degree, providing an ideal skill-set for the commercial world and offering valuable career flexibility. If you choose this degree, you will undertake business and law modules in equal measure for your first three years in both the UCD Sutherland School of Law and the UCD Quinn School of Business. This allows you to gain a deep understanding of both disciplines while offering you the opportunity to choose in final year which area interests you most for your career progression.

Whether you choose to focus on law or on business, as a BBL graduate you will be uniquely equipped with the analytical and advocacy skills that arise from legal training, combined with the numeracy and financial literacy of a business degree.

What will I study?

First, Second & Third Year

During your first three years, you will study both business and law modules in equal measure and you will learn how these two disciplines interrelate. In addition to studying core Law degree subjects such as Contract Law, Criminal Law, Tort Law and EU Law, you may choose from a large variety of other law modules including: Revenue Law • Commercial Law • Intellectual Property Law • Employment Law

During these years, students will also study core business modules including: Business in Society • Principles of Finance • Economics • Business Analytics • Global Business & Business Strategy. Students can also explore their own interests in business areas through their 'Business Option Modules'.

Fourth Year

According to your preference and career plans, you can choose to concentrate on mainly Law or Business subjects.

BBL students may choose clinical legal education modules offered at the Clinical Legal Education Centre (CLEC), including Competition Law in Practice, Alternative Dispute Resolution and Advocacy & Mooting.

Note:

The intensive nature of the BBL degree means that you will not have time to take external modules offered as part of UCD Horizons. You will attend lectures and tutorials, in addition to engaging in study and preparatory work. A sample timetable can be viewed at **www.ucd.ie/myucd/law**.

Assessment includes end-of-trimester. examinations, essays and group projects.

International Study Opportunities

BBL students can apply to spend a trimester of third year on exchange in partner universities in Europe, Australia and the USA.

Career & Graduate Study Opportunities

UCD Business & Law alumni have achieved remarkable success in a wide range of careers in Ireland and internationally. The degree allows students select the modules necessary for legal professional recognition, which will allow them to go on to qualify as a solicitor or barrister, and work in legal practices in Ireland or abroad. Alternatively, those students who are interested in business can choose to pursue careers in Accountancy, Finance, Tax Consultancy, Corporate Banking, Business Analytics, Business Development, Marketing and Journalism, as well as the NGO sector. The Business & Law degree is also an excellent foundation for individuals who are interested in becoming entrepreneurs, offering as it does an invaluable understanding of legal and financial affairs.

BBL graduates also have the option of pursuing postgraduate qualifications in either Law or Business.

Key Fact

You will study your business modules at the UCD Quinn School of Business, one of the world's leading business schools. UCD Quinn is ranked in the top 0.5% of Business Schools globally and has been a triple accredited business school for over 20 years by both AACSB (principal American accreditation) and EQUIS (leading European accreditation). The UCD Quinn School and the Law School are located side-by-side on the UCD Campus.

CAO Code: DN610

CAO Points Range 2022: **566-625**
Length of Course: **4 years**
Places: **120**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O6/H7 in English, Irish, a third language and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
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HEAR Entry Route
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www.myucd.ie/business-law
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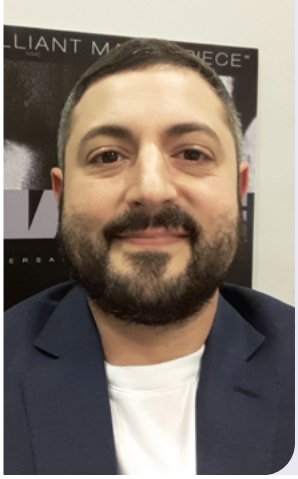
Other Courses of Interest:

Economics	68
Commerce	84
Economics & Finance	86
Law	92
Law with Economics	95

CRIMINOLOGY WITH PSYCHOLOGY

BSc (Hons) (NFQ Level 8)



Criminology is the systematic study of crime and its control. Criminologists ask what causes crime and how we might best respond to it; and why certain behaviours are criminalised while others are not. This new undergraduate programme brings together expertise in the Sutherland School of Law and the School of Psychology to offer an inspiring interdisciplinary learning experience. Students will develop versatile analytical skills and the ability to compare and contrast different perspectives as they consider crime, punishment, law, psychology and social policy in new and exciting contexts. The programme equips graduates with the tools to be active citizens, professional problem solvers and seekers of social justice.

Dr Jonathan Ilan, Programme Director

CAO Code: DN620

CAO Points Range 2022: **(new programme)**
Length of Course: **4 years**
Places: **60**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Criminology is the study of crime, the causes of crime and its impact on individuals and society. This unique new degree is designed to provide students with an advanced conceptual knowledge of Criminology and Psychology, an insight into the contribution of both disciplines to understanding key aspects of human behaviour and an ability to appraise the methodologies used in both areas.

What will I study?

First & Second Year

In first year, you will study the following core modules: Introduction to Criminology • Law & Society • Introduction to Psychology • Brain & Behaviour • Introduction to Social Psychology • Law & Crime • Introduction to Criminal Justice • Introduction to Penology • Introduction to Applied Psychology

Optional modules can then be selected in Law, Psychology, Sociology & Social Work, Social Policy and Social Justice.

In second year, in addition to core modules, there will be the opportunity to select from optional modules such as: Race & Racism • Gender Power & Politics • Human Rights & Social Justice.

There will also be the opportunity to take additional elective modules drawn from disciplines across the university.

Third & Fourth Year

In third and fourth year, you will tailor your degree to choose optional modules in Criminology, Law and Psychology, as well as Sociology & Social Work, Social Policy and Social Justice.

In third year, students will have the opportunity to apply to study abroad in a wide range of partner universities in Europe and around the world.

In fourth year, you will be required to undertake a two-trimester core capstone research dissertation. With this, you will combine the methods and substantive training across criminology and psychology to produce a dissertation, under the supervision of academic faculty.

International Study Opportunities

Students can apply to spend time abroad during their third year at partner universities in a wide choice of locations throughout Europe and the rest of the world.

Career & Graduate Study Opportunities

As a graduate of the BSc in Criminology with Psychology, you will be well positioned to pursue a variety of careers. The degree will open up the potential of pursuing a career in:

- An Garda Siochána
- Prison Services
- Probation services
- Non-governmental organisations
- Research
- Academia

For students interested in further deepening their knowledge of the subject, the School of Law offers a one-year MSc in Criminology and Criminal Justice.

Other Courses of Interest:

Law	92
Psychology	78

LEARN MORE

www.myucd.ie/criminology-psychology
UCD Sutherland School of Law
+353 1 716 4110
law.students@ucd.ie
Instagram/Facebook/Twitter/TikTok: @ MyUCD

SUSTAINABILITY

SUSTAINABILITY WITH ENVIRONMENTAL SCIENCES

BSc (Hons) (NFQ Level 8)

CAO Code: DN240

CAO Points Range 2022: **542-613**
Length of Course: **4 years**
Places: **70**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- 02/H6 in Mathematics
- 06/H7 in Irish, English, and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

When choosing what to study at university, I didn't want to limit myself to a specific field but knew I wanted sustainability to be my focus. Something that drew me to this course was the freedom of choice – in only my first year, I have been able to take a range of interdisciplinary modules and discover interests I never knew I had. The Sustainability modules encourage us to think critically and apply a future-focused lens to the wide range of subjects we study. I can't wait to delve deeper into my chosen degree subject of Environmental Sciences over the next few years and hopefully start a career that brings about positive change.

Hannah Kerr, Student

Why is this course for me?

Across the four years of this degree subject, you will develop interdisciplinary skills and knowledge on sustainability, spanning its environmental, societal and economic aspects. In this degree subject, there is a particular focus on science and technology to understand and address climate change and the degradation of our natural environment.

You may choose to become progressively more focused on earth sciences including climate change, environmental biology including conservation and environmental management or aspects of engineering and technology, including transport, waste management and sustainable energy solutions. You will also develop a range of attributes such as critical thinking, problem-solving, teamwork and ethical competency, which will be transferable to a range of settings.

What will I study?

Sustainability with Environmental Sciences is one of the degree subjects available through the common entry Sustainability DN240 course.

Students study a common first year for the three Sustainability degree subjects and at the end of first year, students choose their degree major. Assuming students meet all the academic requirements, students are guaranteed their degree major, which they study in second, third and fourth year.

Each year has a range of interesting core (compulsory) modules related to each of the three areas of sustainability, as well as option modules in your degree major. Indicative modules included are as follows:

First Year

In the first year you study core modules focusing on sustainability concepts and skills, along with core and option modules from each of the three degree subjects. Modules include:

Introduction to Sustainability • Sustainability Challenges • Principles of Scientific Enquiry • Practical Statistics • Mapping a Sustainable World • Environmental Change & Policy • Business in Society • Economics

Second Year

Modules include: Sustainability Research Tools • Careers & Innovation in Sustainability • Mathematics • Chemistry • Global Environmental Change • Life on Earth • Weather, Climate and Climate Change • GIS for Sustainability • Animal Behaviour • Principles of Microeconomics

Third Year

You will participate in an international field course and have opportunities including an overseas exchange for one trimester and/or a substantial internship. Modules include: Sustainability Field Trip • Working with Biological Data • Waste Management • Systems Ecology • Wildlife Conservation and Fisheries Management • Geoscience for Sustainability • Social Policy, Social Justice and the Environment • Marketing: An Introduction

Fourth Year

Modules include: Internship in Sustainability • Sustainability Research Project • Global Change Ecology • Environmental Assessment • Geomaterials and Geoenergy • Life Cycle Assessment

International Study Opportunities

There will be opportunities to apply for exchange programmes and an international field trip is a core component of the third year experience. Students will also have the opportunity to research and apply for international internships with relevant industries and employers. Placements are secured through a competitive process.

Career & Graduate Study Opportunities

An interdisciplinary education in Sustainability theory, policy and practice will equip you to work in areas such as renewables, clean technology management and energy efficiency, or advise industries on social and environmental strategies.

Many opportunities also exist in international organisations such as the UN, the European Environment Agency and the European Commission, government departments and state agencies such as the Environmental Protection Agency and the National Parks and Wildlife Service and in local authorities and Non-Governmental Organisations.

Other Courses of Interest:

Environmental Biology	112
Zoology	119
Earth Sciences	120
Chemistry with Environmental & Sustainable Chemistry	123
Agri-Environmental Sciences	162
Civil Engineering	186

LEARN MORE

www.myucd.ie/swes
Professor Tasman Crowe, Programme Co-Director
UCD School of Biology and Environmental Science
Kirsten Southard, Programme Manager
01-7162389/sustainability@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

As someone with a strong interest in tackling social issues and working to mitigate further environmental destruction, choosing this course has been the single best decision for me. There is a wide variety of modules so you can explore the path of study most of interest. I was exposed to a multitude of exciting topics ranging from global climatic inequalities, agriculture and sustainable land-use to education for sustainable development. This helped me gain thoughtful insights into a whole range of climate justice issues, which will undoubtedly prove essential for any career relating to climate change mitigation and adaptation. My eyes are now open to the injustices of the world and I feel equipped with the skills, knowledge and ambition to make a difference.

Laoise Markey, Student

SUSTAINABILITY WITH SOCIAL SCIENCES, POLICY & LAW

BSc (Hons) (NFQ Level 8)

CAO Code: DN240

CAO Points Range 2022: **542-613**
Length of Course: **4 years**
Places: **70**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- 02/H6 in Mathematics
- 06/H7 in Irish, English, and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Why is this course for me?

This degree subject focuses on the social, legal, governance and justice dimensions of sustainability. Progressing towards sustainability to ensure a healthy planet and human wellbeing requires significant societal adaptation and behavioural change. How we can encourage the required transformations to ensure that new policy and legal frameworks deliver outcomes and that environmental protection is coupled with the quality of life considerations, is a core focus of this degree subject. If you are interested in human behaviour and change, social equity, wellbeing, institutions, policy, interdependence and global relations, then this is the degree subject for you.

What will I study?

Sustainability with Social Sciences, Policy & Law is one of the degree subjects available through the common entry Sustainability DN240 course.

Students study a common first year for the three Sustainability degree subjects and at the end of first year, students choose their degree major. Assuming students meet all the academic requirements, students are guaranteed their degree major, which they study in second, third and fourth year.

Each year has a range of interesting core (compulsory) modules related to each of the three areas of sustainability, as well as option modules in your degree major. Indicative modules included are as follows:

First Year

In first year you study core modules focusing on sustainability concepts and skills, along with core and option modules from each of the three degree subjects. Modules include: Introduction to Sustainability • Sustainability Challenges • Principles of Scientific Enquiry • Practical Statistics • Mapping a Sustainable World • Environmental Change & Policy • Business in Society • Economics

Second Year

Modules include: Sustainability: Research Tools • Careers and Innovation in Sustainability • Human Rights & Social Justice • Introduction to GIS for Sustainability • Quantitative Research Methods • Sociology of the Environment • Environment, Social Policy & Human Wellbeing • Chemistry • Microeconomics

Third Year

In third year, you will participate in Sustainability In Action – an international field course in the Autumn – and have opportunities including an overseas exchange for one trimester (Spring) and/or a substantial internship (Summer).

Other modules on offer include: Social Inclusion Law • Applied Ethics • Global Historical Geographies • Environmental Management • Global Inequalities • Principles of Environmental Biology & Ecology • Social Policy, Social Justice and the Environment • Marketing: An Introduction

Fourth Year

In your final year, you will participate in a team-based interdisciplinary research project on a sustainability challenge, mirroring a workplace environment. You will also deepen your knowledge within your degree subject and have the opportunity to focus on particular aspects of sustainability such as gender justice, environmental assessment, sustainable cities, and communities, and European environmental policy.

International Study Opportunities

There will be opportunities to apply for exchange programmes and an international field trip is a core component of the third year experience. In previous years, students have travelled to Copenhagen for this module. Students will also have the opportunity to apply for international internships with relevant industries and employers. Placements are secured through a competitive process.

Career & Graduate Study Opportunities

Graduates from this degree subject will have highly developed analytical skills, methodological and research competency, flexibility and the ability to deal with complex problems requiring interdisciplinary solutions. These attributes are in significant demand in the public and private sectors. For example, corporate businesses, private consultancy firms, banking and education, as well as in civil society organisations, state agencies and transnational organisations such as the UNDP, European Commission, Environmental Protection Agency, and Teagasc.

Students will be well equipped to undertake further study at Masters and Doctoral levels in a range of disciplinary areas.

www.myucd.ie/swsspal
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LEARN MORE

Other Courses of Interest:

Social Sciences	61
Philosophy, Politics & Economics	66
Geography	69
Politics & International Relations	72
Social Justice	73
City Planning & Environmental Policy	196

SUSTAINABILITY WITH BUSINESS & ECONOMICS

BSc (Hons) (NFQ Level 8)

Studying Sustainability has been and continues to be a unique and rewarding experience. During my first two years, I have had both a broad introduction to sustainability and the opportunity to specialise within it by choosing the Business and Economics degree subject. Choosing Sustainability gave me the ability to select from a wide choice of modules offered, which reflects the multidisciplinary nature of the course. I have found that this course and its students are especially well supported by its director and coordinators. The combination of systems and future-focused thinking that exists at the core of this degree is a huge advantage for sustainability students both in university and the wider world.

Colm Flanagan, Student

CAO Code: DN240

CAO Points Range 2022: **542-613**
Length of Course: **4 years**
Places: **70**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- 02/H6 in Mathematics
- 06/H7 in Irish, English, and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Why is this course for me?

Sustainability is a way of thinking about the future in which environmental, social and economic dimensions intertwine. The Sustainability with Business & Economics degree subject shines a light on the business and economic dimensions of sustainability – understanding how systems and resources work, and building the knowledge, skills and practices of working with people and strategy to get things done. This degree subject focuses on supporting you to better understand the world of business and economics, and make interdisciplinary connections to all aspects of sustainability. It offers flexibility to enable you to draw on a range of modules from relevant disciplines in the social sciences, humanities, business and law or choose to become more focused on particular aspects of sustainability in business such as global supply chain management, design of environmental economic policies, corporate responsibility, or sustainable business practices and working in interdisciplinary teams.

What will I study?

Sustainability with Business & Economics is one of the degree subjects available through the common entry Sustainability DN240 course.

Students study a common first year for the three Sustainability degree subjects and at the end of first year, students choose their degree major. Assuming students meet all the academic requirements, students are guaranteed their degree major, which they study in second, third and fourth year.

Each year has a range of interesting core (compulsory) modules related to each of the three areas of sustainability, as well as option modules in your degree major. Indicative modules included are as follows:

First Year

In first year you study core modules focusing on sustainability concepts and skills, along with core and option modules from each of the three degree subjects. Modules include: Introduction to Sustainability • Sustainability Challenges • Principles of Scientific Enquiry • Practical Statistics • Mapping a Sustainable World • Environmental Change and Policy • Business in Society • Economics

Second Year

Modules include: Sustainability Research Tools • Careers and Innovation in Sustainability • Introduction to Quantitative Economics • Principles of Microeconomics • Marketing: An Introduction • Foundations of Finance • GIS for Sustainability • Chemistry

Third Year

In the third year, you will participate in an international field course and have opportunities including an overseas exchange for one trimester and/or a substantial internship. Modules include: Sustainability In Action (Field Course) • Intermediate Microeconomics • Economics of the Environment • Sustainable Operations & Supply Chain Management • Business Across Borders • Consulting with NGOs • Principles of Environmental Biology & Ecology • Development Geographies

Fourth Year

Modules include: Internship in Sustainability • Sustainability Interdisciplinary Project • Business Strategy • Public Economics • Business and Sustainability • Entrepreneurship in Action

International Study Opportunities

There will be opportunities to apply for exchange programmes and an international field trip is a core component of the third year experience. Students will also have the opportunity to research and apply for international internships with relevant industries and employers. Placements are secured through a competitive process.

Career & Graduate Study Opportunities

An interdisciplinary education in Sustainability theory, policy and practice will equip you to work in areas such as renewables, clean technology management and energy efficiency within organisations, or advise industries on social and environmental strategies.

Many opportunities also exist in global professional service firms and consultancy, and international organisations such as the UN, the European Environment Agency and the European Commission, governmenwwt departments and state agencies such as the Environmental Protection Agency and the National Parks and Wildlife Service and in local authorities and Non-Governmental Organisations.

Other Courses of Interest:

Economics	68
Geography	69
Sociology	74
Commerce	84
City Planning & Environmental Policy	196

LEARN MORE

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SCIENCE, COMPUTER SCIENCE & ACTUARIAL SCIENCE

Why UCD Science?

If you have a fascination with natural phenomena and find yourself constantly asking "why?" and "how?", then you are well on your way to being a scientist. With an exciting and diverse range of degrees, Science at UCD unfolds a universe of career opportunities for students who have an enquiring mind, an ability to solve problems and a desire to explore new worlds.

UCD Science

The average CAO intake for the Science (DN200) course is approximately 420. Science offers 27 degree subjects categorised into the following streams:

- Explore Multiple Streams
- Biological, Biomedical & Biomolecular Sciences
- Earth & Environmental Sciences
- Chemistry (includes Medicinal/Sustainable/Biophysical)
- Mathematics (includes Applied/Financial/Statistics)
- Physics (includes Theoretical/Astronomy & Space Science)
- Science, Mathematics & Education

Students can study subjects from more than one stream in first year. It is also possible for students to change their stream in first year.

Explore Multiple Streams

The Explore Multiple Streams option on the CAO application form is for students who are interested in degrees in different streams. For example, a student may be interested in Genetics and Chemistry. As Genetics is in the Biological, Biomedical & Biomolecular Sciences stream and Chemistry is in the Chemistry stream, students interested in these subjects can choose Explore Multiple Streams.

Students who choose Explore Multiple Streams, are offered the same first year module guarantees as students who choose the other streams.

Is UCD Science a General Science degree?

UCD Science is not a "General Science" degree. It is a common entry course where students specialise in one of 27 degree subjects for their final degree (e.g. BSc Financial Mathematics, BSc Earth Sciences, BSc Theoretical Physics etc).

Why choose to study the UCD Science common entry course?

This course is ideal for the following students:

- If you are interested in a number of Science subject areas and would like time to make an informed decision on your degree major, in first year, you will have the flexibility to explore a range of Science subjects.
- If you know which subject area you would like to specialise in, you can focus your studies from first year. For example, if you are interested in Mathematics only, you can focus on the Applied & Computational Mathematics, Financial Mathematics, Mathematics and Statistics degrees.

Find out more:
UCD O'Brien Centre for Science Virtual Tour

@MyUCD

The number of compulsory modules has been kept low to allow to you try out other subjects that you may not be familiar with or to deepen your interest in the areas that you wish to pursue to degree level. All students make an informed decision about their degree subject at the end of second year.

What do I study in First Year?

Students choose modules in order to meet the requirements for the degree subjects that interest them most. Each degree subject is part of a stream and each stream has a set number of compulsory modules you must take in first year in order to pursue a degree, subject in second year. Plenty of advice is available during the application process and when you arrive at UCD on the module combinations to study in first year. Common entry does not mean a common first year and students can opt to focus on a particular area, but must fulfil the requirements for at least two degree subjects.

Each student will have their own personalised timetable based on their individual module selection. The timetable will be filled with a variety of class types such as lectures, practicals, tutorials etc. An average first year timetable will have 30 hours of class time per week.

What do I study in Second, Third and Fourth Year?

In general, students have to decide on one stream to pursue in second year and will study two or more degree subjects from that stream. Limited degree subjects between different streams can be studied in second year. They must be compatible from a content and timetable perspective, such as Mathematics and Physics and a list is not available as it can change each year.

At the end of second year, students choose their degree major. Assuming students meet all the academic requirements in first and second year, students are guaranteed a degree subject from the stream they are studying in second year. We do our best to ensure that students go on to study their top degree subject choice. As we offer plenty of degree subjects in each stream, students have a number of similar degree subjects to choose from as their degree major.

Are there internship opportunities?

We are committed to helping our students prepare for their careers. UCD Science provides opportunities for undergraduate students to apply for internships or professional placements for summer internships or longer placements in industry for specific disciplines. All internships are secured on a competitive basis.

Are there any supports available to help students settle into UCD?

A key feature of UCD Science is our Peer Mentoring programme. Your Peer Mentor will help you to get to know the ropes and offer support as you adapt to University life.

During Orientation Week, academics and staff from the Science Office will be available to assist you in choosing your modules and in completing your registration. Academic advice is also available from experienced tutors when you drop into the Maths and Computer Science Support Centres.

Where can I learn more about Career & Graduate Study Opportunities?

There is a wide range of career opportunities available to Science graduates. Career maps for all our subjects including Actuarial & Financial Studies, Computer Science and Computer Science with Data Science are available at www.ucd.ie/science/t4media/ucdscience.pdf.

What are the facilities like in UCD Science?

The UCD O'Brien Centre for Science has state-of-the-art labs, active learning environments, lecture theatres and classrooms. The laboratories are designed for groups of 24-32 students, ensuring that students get individual attention in modern, state-of-the-art facilities.

Dr Orla Donoghue, College of Science
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STUDYING UCD SCIENCE

YEAR 1 Explore your options

Biological, Biomedical & Biomolecular Sciences	Earth & Environmental Sciences	Chemistry (includes Medicinal, Sustainable, Biophysical)	Mathematics (includes Applied/ Financial/ Statistics)	Physics (includes Theoretical/ Astronomy & Space Science)	Science, Mathematics & Education	Explore Multiple Streams

The Science programme (DN200) offers a flexible curriculum that allows you to focus on an area from first year or keep your options open and explore different subject areas. Each stream has a set number of compulsory modules that has been kept low to allow you to try out other subjects that you may not be familiar with or to deepen your interest in the areas that you wish to pursue in second year and on to degree level.

Plenty of advice is available during the application process and when you arrive at UCD on the module combinations to study in first year.

YEAR 2 Choose your pathway

Depending on the modules you studied in First Year, you choose a minimum of 2 subjects in Second Year. Students who choose modules for the Biological, Biomedical & Biomolecular stream in First Year could combine Zoology with Biochemistry & Molecular Biology, for example.

Biological, Biomedical & Biomolecular Sciences	Earth & Environmental Sciences	Chemistry (includes Medicinal/ Sustainable/ Biophysical)	Mathematics (includes Applied/ Financial/Statistics)	Physics (includes Theoretical/ Astronomy & Space Science)	Science, Mathematics & Education*
Biochemistry & Molecular Biology	Environmental Biology	Chemistry	Applied & Computational Mathematics	Physics	Applied Mathematics, Mathematics & Education
Cell & Molecular Biology	Earth Sciences	Chemistry with Biophysical Chemistry	Financial Mathematics	Physics with Astronomy & Space Science	Biology, Mathematics & Education
Environmental Biology		Chemistry with Environmental & Sustainable Chemistry	Mathematics	Theoretical Physics	Chemistry, Mathematics & Education
Genetics		Medicinal Chemistry & Chemical Biology	Statistics		Computer Science, Mathematics & Education
Microbiology					Physics, Mathematics & Education
Neuroscience					
Pharmacology					
Physiology					
Plant Biology					
Zoology					

YEAR 3 & 4 Focus on your specialisation

In third and fourth year, you study your degree subject in depth. Sample modules from both these years are listed on each degree subject page. Many subjects will include a research project which you complete in your final year. Opportunities to apply for internships or professional placements are usually at the end of third year.

BSc (Honours)

Taught & Research Master of Science (MSc)

Doctor of Philosophy (PhD) Science

Research & Academia

Shape your Career with UCD Science

- Pharmaceuticals, Biotechnology & Hospitals
- Environmental Consultancies
- Conservation & Wildlife
- Water Utility, Mining & Energy
- Business & Finance
- Publishing, Media & Journalism
- Agriculture, Forestry & Fishing
- Clinical Trials & Medical Devices
- State Agencies – Bord Iascaigh Mhara, Health Products Regulatory Authority, Forensic Science Laboratory, Met Éireann etc.

Conversion/Complimentary Courses

- MSc Mathematics & Science Education (Teaching)
- Professional Master of Education (Teaching)
- Graduate Veterinary Medicine
- Graduate Medicine
- Master of Business Studies
- Graduate Diploma and MSc in Actuarial Science
- MSc Computer Science (Conversion)

*These degree subjects are 5 year courses. Students graduate with a 4-Year Level 8 BSc and then continue to a 1-Year MSc in Mathematics & Science Education.

BIOCHEMISTRY & MOLECULAR BIOLOGY

BSc (Hons) (NFQ Level 8)

I chose to specialise in Biochemistry & Molecular Biology because it answered a lot of the questions that I had about how cells work. The course provided me with an understanding of proteomics, metabolism, and immunology. It also gave me an insight into how and why disease occurs, whilst highlighting that a fundamental understanding of cell biochemistry is critical in treating and curing disease. I received a scholarship to undertake a summer research project on Alzheimer's Disease. My final year thesis on Type 2 Diabetes was immunology-based. Since graduating, I have received a PhD Scholarship from Breakthrough Cancer Research to pursue a research project on Oesophageal Cancer.

Maitiú Ó Murchú, Graduate

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **30**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

In this degree subject, you will explore life at the molecular level. This will enable you to pursue a career in biomedical and biomolecular science. Biochemistry & Molecular Biology explores the chemistry of living organisms and cells. It involves the study of the molecules that play a role in the function of the cell and the molecular basis for changes in the cell and tissues that can lead to disease. Biochemistry & Molecular Biology forms the foundation for understanding all biological processes and occupy a central position in modern biological and biomedical research.

What will I study?

Biochemistry & Molecular Biology is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Biochemistry & Molecular Biology student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Molecular Genetics & Biotechnology • Biomolecular Sciences • Biochemistry in Action • Chemistry for Biology • + modules for 2 other Science Subjects • Elective Modules

Third Year

Metabolism & Disease • Proteins & Enzymes • Regulation of Gene Expression • Cell Signalling • Biochemist's Toolkit • Molecular Basis of Disease • Genomics & Proteomics • Advanced Cell Biology • Elective Modules

Fourth Year

Biochemistry Research Project (includes a research project in diverse areas, such as protein engineering, neurochemistry, cancer studies, the regulation of gene expression, molecular immunology and endocrinology)

Protein Structure & Analysis • Biochemistry Research Strategies • Advanced Cell Signalling • Advanced Neurochemistry • Enzyme Technology & Protein Engineering

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students in their third year have spent time in Germany, United Kingdom and USA in universities such as Ruprechts-Karls-Universität, University of Edinburgh, University of California, San Diego, and University of Chicago.

Students in their fourth year have spent time in the University of Copenhagen, Denmark.

Career & Graduate Study Opportunities

Graduates in Biochemistry & Molecular Biology can find employment in pharmaceutical companies, biotechnology companies, forensic science laboratories, hospital and clinical laboratories, and food and beverage companies.

Graduates are eligible to apply for a range of MSc programmes in Ireland and abroad, in areas such as biotechnology, imaging and microscopy and molecular medicine. Graduates can also pursue a PhD in universities in Ireland and abroad in areas such as medical research, drug development and biomedical science.

Other Courses of Interest:

Cell & Molecular Biology 111
Neuroscience 115
Pharmacology 116
Physiology 117

www.myucd.ie/bmb
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I chose Cell & Molecular Biology as my degree subject after gaining experience in a UCD Research Lab over the summer of second year. It is amazing to have the opportunity to apply what you are learning in class. All our lecturers are actively researching and are teaching the cutting edge of science. It is so cool learning about the novel areas of research. My practicals are all interesting and my favourite this year were the ones from my Plant Cell Biology module. For example, we used a gene gun to shoot DNA into an onion and the next week we were able to visualise the fluorescently transformed cells!

Kate Duffy, Student

CELL & MOLECULAR BIOLOGY

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **15**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Cell & Molecular Biology is the study of cells and the molecules (DNA, RNA, proteins, lipids and carbohydrates) that combine to form them. This includes their physiological properties such as their structure, their interaction with the extracellular environment and other cells, their life cycle, division and function, and eventual death. You will learn about single-celled organisms such as bacteria, and more specialised cells in animals and plants. Experiential learning using microscopy and numerous cutting-edge molecular approaches will help you to understand how cells in organisms develop, how they respond to their environment and the molecular changes that underpin diseased cells. This training will equip you to tackle important global challenges, such as understanding the molecular basis of diseases and innovating novel therapeutic approaches to combat them. If you are looking to develop a broad knowledge of biomolecular sciences, encompassing the molecular biology, genetics and biochemistry of cells, then this is the degree subject for you.

What will I study?

Cell & Molecular Biology is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Cell & Molecular Biology student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Principles of Cell & Molecular Biology • Scientific Communication • Chemistry for Biology • + modules for 2 other Science Subjects • Elective Modules

Third Year

Scientific Writing for Biology • Plant Cell Biology • Genetics • Working with Biological Data • Advanced Cell Biology • Developmental Biology • Hot Topics in Cell & Molecular Biology • Cell Biology of Disease • Elective Modules

Fourth Year

Research Project or Critical Literature Review (in diverse areas such as cancer biology, drug delivery, genetic analysis and molecular imaging)

Biological Imaging • Cell Biology of Cancer • Biomedical Diagnostics • Programmed Cell Death • Cell Biology of Ageing • The RNA World • Human Genetics & Disease

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities

International Study Opportunities

Students in Cell & Molecular Biology have the option of participating in a three-month summer internship at the National Science and Technology Development Agency, Bangkok, Thailand.

Students in third year have spent a trimester studying abroad in the USA, Australia and Canada at universities including University of California, University of Melbourne and, McGill University.

Career & Graduate Study Opportunities

Graduates in Cell & Molecular Biology can find employment in areas such as pharmaceutical and biotechnology industries, biomedical research, hospital and university laboratories, forensic science laboratories, and genetic counselling.

Graduates can pursue MSc programmes in Biotechnology, Biotechnology with Business, Biotherapeutics, or apply for PhD programmes in cell signalling, membrane biology or genetics, in Ireland and abroad.

www.myucd.ie/cmb
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LEARN MORE

Other Courses of Interest:

Biochemistry & Molecular Biology	110
Neuroscience	115
Medicine	145
Agricultural Science	160

ENVIRONMENTAL BIOLOGY

BSc (Hons) (NFQ Level 8)

I had the opportunity to travel to the Costa Rican Rainforest for a two-week field trip with my classmates and lecturers. The trip to the rainforest allowed us to put the theory we had learned into practice. We had the chance to advance our skills in field sampling, monitoring and data handling and we also got to live in one of the most biodiverse ecosystems in the world with pumas, monkeys, parrots, giant butterflies and snakes. I was a member of the Choral Scholars of UCD, as well as President and Co-Founder of UCD Women+ in STEM Society. Being a Choral Scholar has been fantastic because I have been able to earn academic credits, record CDs and travel to New York to sing in Carnegie Hall!

Sadhbh McCarrick, Graduate

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream OR Earth & Environmental Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **15**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Environmental Biology focuses on the biological aspects of environmental science. It equips students with a strong background in ecology and its application to environmental assessment and management. Marine, terrestrial and freshwater ecosystems are studied through the disciplines of plant, animal and microbial ecology, evolutionary biology, conservation biology, global change biology, pollution biology, soil science and wildlife ecology. There's a strong emphasis on vocational skills and links with industry. Core modules include mock environmental impact assessment, field-based sampling in Ireland, Spain and Costa Rica, and guest lectures from environmental managers and consultants.

What will I study?

Environmental Biology is one of the degree subjects available through either the Biological, Biomedical & Biomolecular Sciences OR Earth & Environmental Sciences streams in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that an Environmental Biology student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Scientific Communication • Principles of Environmental Biology & Ecology • Chemistry for Biology • + modules for 2 other Science Subjects • Elective Modules

Third Year

Wildlife Conservation & Fisheries Management • Analysis of Environmental Materials • Working with Biological Data • Diversity of Plant Form & Function • Ecological and Environmental Microbiology • Optional Modules • Elective Modules

Fourth Year

Research Project • Bioassessment of Freshwaters • Environmental Impact Assessment • Peatlands and Environmental Change • Tropical Field Ecology • Ecological Mapping • Foodborne Pathogens • Ornithology • Conservation of Biodiversity • Marine Community Ecology • Biological Invasions

International Study Opportunities

Students in third year have spent time studying in New Zealand, USA and Australia at the University of Auckland, University of California, Santa Barbara, and University of Melbourne.

Career & Graduate Study Opportunities

Environmental Biologists pursue a wide range of careers such as fisheries managers, environmental consultants, habitat ecologists, pollution biologists, wildlife and conservation officers, national park supervisors, technical and scientific officers, and university researchers and professors.

Graduate opportunities are also available for students to pursue MSc or PhD programmes. Taught MSc programmes that can be pursued by Environmental Biology graduates at UCD include Applied Environmental Science, Environmental Sustainability (Online) and Global Change: Ecosystem Science and Policy.

Other Courses of Interest:

Agri-Environmental Sciences	162
Cell & Molecular Biology	111
Plant Biology	118
Zoology	119
Sustainability with Environmental Science	104
Earth Sciences	120

www.myucd.ie/environmental-biology
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I have had a lifelong passion for science, so choosing to study Science at UCD was the perfect choice for me. Genetics was by far my favourite subject because it is such a fundamental area of study for all of biology. Modules offered to you in Genetics range from studying microbial genetics, evolution and phylogenetics, human genetics and disease, and my personal favourite, plant genetics. Another aspect of this course that was very appealing to me is that you can do a mix of "wet lab" practical work, and bioinformatics, so you develop a wide range of up-to-date skills for further research or industry work. I am now pursuing a PhD in plant genetics in UCD, and I use the skills and knowledge I obtained from my undergraduate degree every day.

Grace Pender, Graduate

GENETICS

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **30**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

If you are interested in why some families are more prone to disease and how to use biotechnology to produce drugs and other products, then a degree in Genetics could be for you. Genetics is the scientific study of heredity – how information is passed from one generation to the next. You will study developing new areas, such as personal genomics, which uses DNA sequence to determine health and ancestry. The UCD Genetics degree also covers genetic engineering and biotechnology, transgenic animals, genetically modified plants, medical genetics, molecular evolution, developmental biology, DNA fingerprinting and bioinformatics.

What will I study?

Genetics is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.
Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Genetics student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Molecular Genetics and Biotech • Principles of Genetics • Chemistry for Biology • + modules for 2 other Science Subjects • Elective Modules

Third Year

Regulation of Gene Expression • Genetics • Bioinformatics • Data Modelling for Science • Evolutionary Biology • Genomics & Proteomics • Genome Structure • Genetic Basis of Disease • Optional Modules • Elective Modules

Fourth Year

Research Project • Genetic Basis of Behaviour • Gene Regulation • Model Organism Genetics • Human Genetics & Disease • Population Genetics • Epigenetics

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Genetics students in third year have studied in The Netherlands, USA and Canada in University of Amsterdam, University of California Irvine, University of Connecticut, and Queen's University Canada.

Genetics students also have the opportunity to carry out their fourth year project at the University of Copenhagen, Denmark.

Career & Graduate Study Opportunities

Most Genetics graduates work in hospital laboratories, biotechnology, pharmaceutical and genomics companies, forensic science laboratories, agribiotech and horticulture companies, and food and drink companies.

Many graduates study for a higher degree (MSc or PhD), or obtain additional professional qualifications, such as in medicine and dentistry.

MSc programmes at UCD include the areas of Biotechnology, Biotechnology & Business and Biotherapeutics.

www.myucd.ie/genetics
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LEARN MORE

Other Courses of Interest:

MICROBIOLOGY

BSc (Hons) (NFQ Level 8)

After my first Microbiology class, I was absolutely enthralled. I knew straight away that was what I wanted to do. Microbiology is such a vast and expanding field and has a little bit of everything in there and I could not be happier that I chose it. I had the opportunity in my final year to carry out a research project, supervised by some of UCD's best scientists, on bioplastic producing bacteria and it was the highlight of my degree. It was a great way to put all the lab skills and techniques I had learned into practice and produce actual research. After I graduated, I started an MSc in Biotechnology and Business and am I looking forward to working in the biotechnology industry.

Jaffer Abdulkarim, Graduate

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **30**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Microbiology is the study of microscopic organisms known as micro-organisms or microbes. Microbes play a key role in every facet of life on this planet. For example, microbes have a major impact on the earth's climate by their metabolism of greenhouse gases like carbon dioxide and methane. Microbes can naturally produce polymers, antibiotics but also consume or break down a multitude of toxic chemicals. Microbiologists use tools like molecular biology, fermentation, enzymology and synthetic biology to improve the natural ability of microorganisms so that they can produce new antibiotics, natural products, biodegradable plastics and clean up chemically polluted soil and water. Microbes protect us from colonisation by disease-causing organisms. However, some microbes cause disease, e.g. MRSA, tuberculosis and meningitis. Microbiological research aims to find treatments for these and other infectious diseases.

What will I study?

Microbiology is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Microbiology student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Molecular Genetics and Biotech • Biomolecular Sciences • Microbiology in Medicine, Biotechnology and the Environment • Chemistry for Biology • + modules for 2 other Science Subjects • Elective Modules

Third Year

Regulation of Gene Expression • Microbial Physiology • Microbial Diversity & Growth • Skills in Microbiology • Ecological & Environmental Microbiology • Medical Microbiology • Microbial Cell Factory • Applied Microbiology • Optional Modules • Elective Modules

Fourth Year

Research Project • Applied Microbial Ecology • Microbial Pathogenicity • Bioprocessing • Enzyme Technology & Protein Engineering • Natural Product Synthesis • Systems Microbiology

Professional Work Experience

Students carry out a research project in Fourth Year, which can be an internship in a pharmaceutical or food-related company or a hospital. Recent placements include Alltech, APC, Monaghan Biosciences, Pfizer and the HSE Public Analyst's Laboratory.

International Study Opportunities

A limited number of fourth year projects are available in the Faculty of Pharmaceutical Sciences of the University of Copenhagen, Denmark.

Career & Graduate Study Opportunities

Microbiologists are employed in the healthcare, pharmaceutical and food-related industries, hospitals and veterinary hospitals and related laboratories. They also find work in government agencies such as the Environmental Protection Agency where they are involved in research and development, process design and control, management and quality control. Many students opt to continue their undergraduate degree with an MSc or PhD graduate programme. These microbiologists play a key role in developing new drugs, finding novel ways to combat infectious diseases and designing new approaches to clean the environment and develop a green economy.

Other Courses of Interest:

Cell & Molecular Biology 111
Neuroscience 115
Pharmacology 116
Physiology 117

www.myucd.ie/microbiology
Dr Jennifer Mitchell
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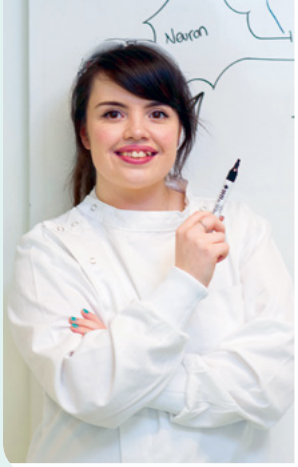
UCD Science allowed me tailor my degree to encompass all the aspects of science I need in order to succeed while keeping me intrigued and excited along the way. In third year, I was lucky to partake in the Erasmus Programme at the University of Nottingham, which gave me a different insight into the scope of neuroscience and the opportunities it presents. UCD offering multiple opportunities to travel and learn really highlights their dedication to offering the best possible education and to encouraging us to develop as a person! In addition, I had the absolute privilege of doing a 6-month thesis project in the Max Planck Institute for Brain Research, which allowed me to work as a real scientist in a lab, something I see myself doing in the future.

Jodie Bermingham, Graduate



NEUROSCIENCE

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **40**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Neuroscience is the study of the nervous system, directed towards understanding how cells within the nervous system interact with each other to form the brain and regulate body functions, human behaviour, memory, emotions and consciousness. The malfunction of the nervous system lies at the heart of a number of devastating and currently incurable conditions such as Alzheimer's and Parkinson's Disease. Neuroscience research probes the mechanisms underlying such malfunctions, with a view to helping in the discovery of drugs to prevent or manage these disorders.

What will I study?

Neuroscience is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Neuroscience student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Molecular Genetics & Biotechnology • Biomolecular Sciences • Principles of Neuroscience • Chemistry for Biologists • + modules for 2 other Science Subjects • Elective Modules

Third Year

Cell Signalling • Membrane biology • Pharmacology of Neurodegenerative & Psychiatric Illness • Data Modelling for Science • Nervous System Development • Sensory Neuroscience • Higher Cortical Function • Advanced Nervous System Pharmacology • Optional Modules • Elective Modules

Fourth Year

Research Project • Synaptic plasticity • Advanced Neurochemistry • Molecular Neuroimmunology • Synaptic Signalling • Advanced Topics in Neural Development & Degeneration

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

Professional Work Experience

A limited number of opportunities exist in second and third year to gain additional laboratory experience during the summer. Funded schemes are organised by public and private bodies, e.g. the Irish Health Research Board and The Wellcome Trust (UK). In addition, occasional opportunities arise within individual research groups.

International Study Opportunities

A limited number of Fourth Year projects are available in the Faculty of Pharmaceutical Sciences of the University of Copenhagen, Denmark; the Institute of Biochemistry and Pathobiochemistry, Ruhr University Bochum; and in the Max Planck Institute for Brain Research, Frankfurt.

Career & Graduate Study Opportunities

As a Neuroscience graduate, you will have the opportunity to obtain employment in biotechnology and pharmaceutical companies, medical research, drug development and clinical trials; hospital and university laboratories, Neuroscience research institutes, and government agencies. Neuroscience graduates also pursue graduate studies at MSc or PhD level. PhD programmes in Ireland and abroad cover areas as diverse as biotechnology, cell biology, and biomedical and health science. Many graduates also pursue graduate medicine and graduate pharmacy courses.

www.myucd.ie/neuroscience
Dr Derek Costello
UCD School of Biomolecular and Biomedical Science
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Pharmacology 116
Physiology 117

PHARMACOLOGY

BSc (Hons) (NFQ Level 8)

Pharmacology is a prominent and distinguished discipline in the realm of biomedical research, offering an interactive and practical field of study. Neuropharmacology and the drug development pipeline are two key disciplines that have always fascinated me, and as part of my final year research project, I had the opportunity to conduct my own research in epilepsy, as well as pursue an internship at the Conway Institute in third year within the same area. After I graduated, I pursued an MSc Biotechnology & Business, furthering my interest in the business side of pharmaceuticals. I hope to work in clinical trials involving neurodegenerative and neuropsychiatric disorders in the near future.

Fatima Butt, Graduate

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **45**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Pharmacology is the scientific study of drugs and their action on biological systems, ranging from genes and cells up to tissues and even human populations. A drug is any substance given to a human or animal with the intention of changing the state of body function: to relieve pain, treat cancer, eliminate infection or improve health. Pharmacology is also concerned with the use of drugs as investigative tools to obtain a better understanding of cellular and physiological processes in both health and disease. At UCD, Pharmacology students will have the opportunity to take part in drug development research.

What will I study?

Pharmacology is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Pharmacology student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Molecular Genetics & Biotechnology • Biomolecular Sciences • Pharmacology: Biomedical Science of Drugs • Chemistry for Biologists • + modules for 2 other Science Subjects • Elective Modules

Third Year

Cell Signalling • Chemotherapeutic Agents • Pharmacology of Neurodegenerative & Psychiatric Illness • Data Modelling for Science • Drug Action in Body Systems • Toxicology • Advanced Nervous System Pharmacology • Molecular Pharmacology • Optional Science Modules • Elective Modules

Fourth Year

Research Project • Advanced Cardiovascular Pharmacology • Advanced Neuropharmacology • Advanced Pharmacology of Cancer • Gene Regulation • Emerging therapies • Drug Discovery & Development • Advanced Renal Pharmacology

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

Professional Work Experience

A limited number of opportunities exist in second and third year to gain additional laboratory experience during the summer. Funded schemes are organised by public and private bodies, e.g. the Irish Health Research Board and The Wellcome Trust (UK). In addition, occasional opportunities arise within individual research groups.

International Study Opportunities

International study opportunities in third and fourth year to date have included univerisities in Australia, USA and Denmark including University of Melbourne, University of Washington, Seattle, and University of Copenhagen.

Career & Graduate Study Opportunities

Career opportunities for Pharmacology graduates include working in pharmaceutical companies, drug regulatory bodies such as the Irish Medicines Board, the biotechnology sector, chemical safety and toxicology.

Pharmacology graduates can also pursue graduate studies at MSc or PhD level. PhD programmes in Ireland and abroad cover areas such as drug development and biomedical science.

Other Courses of Interest:

Neuroscience 115
Physiology 117

LEARN MORE

www.myucd.ie/pharmacology
Associate Professor Carmel Hensey
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Instagram/Facebook/Twitter: @MyUCD

I am so glad I chose Physiology, as the level of academic teaching was outstanding and I loved learning how various systems of the body worked. My final year project was based on the inflammatory responses of spinal cord injury. Following my graduation, I worked in the National Virus Reference Laboratory. I am now studying for a PhD at the University of Otago in New Zealand, focusing on signalling pathways of oestrogens in the brain. UCD offered a whirlwind of opportunities, which allowed me to flourish. I was a Student Ambassador, Peer Mentor and served on committees like An Cumann Gaelach. I also spent two summers in Tanzania with UCD Volunteers Overseas.

Celine Camon, Graduate

PHYSIOLOGY

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **30**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Physiology is an area of biology related to how the human body works. Physiologists are interested in how the cells and organs of the body operate and how their incredible array of processes co-operate to enable our bodies to function under normal and challenging circumstances. Physiologists are, therefore, at the forefront of medical research and the search for a better understanding of disease processes.

At UCD, Physiology students acquire a thorough understanding of the organs of the body, such as the heart, lungs, kidneys, and how they function, interact and respond to the internal and external environment.

What will I study?

Physiology is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Physiology student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Molecular Genetics & Biotechnology • Biomolecular Sciences • Cell & Tissue Physiology • Organ & Systems Physiology • Chemistry for Biologists • + modules for 2 other Science Subjects • Elective Modules

Third Year

Membrane Biology • Cardiovascular Physiology • Digestion & Excretion • Data Modelling for Science • Respiratory Physiology • Endocrine Physiology • Experimental Physiology • The Brain & Motor Control • Optional Modules • Elective Modules

Fourth Year

Research Project • Fundamentals of Physiological Research • Adaptation to Hypoxia • Physiology Journal Club • Haemostasis & Thrombosis • Brain Disorders • Physiological Genomics • The Physiology of Disease • Optional Modules

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Physiology students have spent time studying in San Jose State University, USA and University of Queensland, Australia.

Career & Graduate Study Opportunities

Physiology graduates go on to establish careers in areas such as biomedical research in the university system or other government-run operations, pharmaceutical industry-based research and development, clinical trials, and pharmaceutical industry sales.

Physiology graduates regularly gain places on graduate-entry Medicine and other allied healthcare degree courses. UCD provides opportunities for graduate physiological research at the Masters or PhD level. Research into basic physiological mechanisms takes place but the research focus is on translational research, i.e. the research that enhances our understanding of human disease that leads to advances in the improvement of human health.

www.myucd.ie/physiology
Associate Professor John Baugh
UCD School of Medicine
askscience@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Pharmacology 116
Biomedical Health & Life Sciences 147

PLANT BIOLOGY

BSc (Hons) (NFQ Level 8)

Placing UCD Science at the top of my CAO was an easy choice as I could explore all subject areas before making an informed decision on my degree. To me, no area holds greater merit for study than plant science- its implications infiltrate all aspects of modern society from global food security to phytopharmaceuticals. I was Vice-Auditor of the UCD Biological Society. Being involved in a society allowed me to meet other people from various stages and degrees in UCD, as well as encounter some incredible scientists. The UCD O'Brien Centre for Science is home to unparalleled plant science labs and teaching facilities including the Bloom gold medal-winning UCD Evolution Garden, which are invaluable resources as I now pursue my PhD in plant genetics in UCD.

Caroline Dowling, Graduate

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Plant Biology is the scientific study of plants, fungi and algae. Plants are vital for supporting and maintaining the atmospheric and environmental conditions required for all life on earth. They are the mainstay of human and animal diets, while also providing pharmaceuticals, timber, paper and clothing.

Plants are being exploited as sources of renewable energy and biofuels and make an important contribution to measures aimed at reducing the effects of climate change. A key to the further development of plants for practical or economic use is an improved understanding of metabolic and developmental processes and their interactions with environmental factors.

What will I study?

Plant Biology is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Plant Biology student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Scientific Communication • Principles of Plant Biology • Chemistry for Biologists • + modules for 2 other Science Subjects • Elective Modules

Third Year

Plant Diseases: Biology • Plant Cell Biology • Genetics & Recombinant DNA • Working with Biological Data • Diversity of Plant Form & Function • Plant Biotechnology & Entrepreneurship • Experimental Plant Physiology • Optional Modules • Elective Modules

Fourth Year

Research Project • Biology & Ecology of Coastal Wetlands • Plant Biology Field Course • Developmental Plant Genetics • Environmental Impact Assessment • Plant Phenotyping • Programmed Cell Death in Plants • Biological Invasions

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

Career & Graduate Study Opportunities

Plant Biology graduates have obtained positions as plant and environmental scientists, pollution biologists, molecular geneticists and cell biologists, agronomists, horticulturists, foresters, park rangers, environmental consultants and heritage officers.

Graduates are also eligible to pursue MSc programmes in UCD in Applied Environmental Science and Biotechnology, in addition to PhD programmes both in Ireland and abroad.

Other Courses of Interest:

Cell & Molecular Biology 111
Microbiology 114
Zoology 119

LEARN MORE

www.myucd.ie/plant-biology
Associate Professor Carl Ng
UCD School of Biology and Environmental Science
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Instagram/Facebook/Twitter: @MyUCD

In UCD Science you really have the freedom to shape your degree the way you'd like it. I chose Zoology as the lecturers were so helpful and engaging, and there were plenty of opportunities to get hands-on experience at home and abroad. One of the trips abroad was to Costa Rica as part of an optional fourth year module, Tropical Field Ecology. We spent 2 weeks learning about the local biodiversity as well as various methods of data collection such as electrofishing, radio telemetry, lizard fishing, butterfly and bee trapping, and bat/bird surveys. After graduation, I would love to continue in research for a few years, and eventually settle into education.

Katie Connolly, Student

ZOOLOGY

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Biological, Biomedical & Biomolecular Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **35**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Zoology is often thought of in terms of treks into the wild to study rare and endangered species. However, this is only one facet of this fascinating subject. Modern zoology deals with all aspects of animals, from genetics and cell biology to ecology and animal behaviour. Zoology at UCD provides modules in a wide range of disciplines, including marine, terrestrial and freshwater biology, evolutionary biology, animal behaviour, palaeontology, ecology, pest control, population genetics, developmental biology, and animal physiology and cell biology.

What will I study?

Zoology is one of the degree subjects available through the Biological, Biomedical & Biomolecular Sciences stream in the common entry Science course.

Students study similar modules for all degree subjects in the Biological, Biomedical & Biomolecular Sciences stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Zoology student could study each year in UCD.

First Year

Scientific Enquiry • Cell Biology & Genetics • Basis of Organic and Biological Chemistry • Biomedical Sciences • Biology in Action • Life on Earth • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Biomolecular Lab Skills • Scientific Communication • Principles of Zoology • Principles of Environmental Biology & Ecology • Chemistry for Biologists • + modules for 2 other Science Subjects • Elective Modules

Third Year

Systems Ecology • Evolutionary Biology • Diversity of Invertebrates • Working with Biological Data • Functional Morphology • Arthropoda • Diversity of Vertebrates • Optional Modules • Elective Modules

Fourth Year

Research Project • Bioassessment of Freshwaters • Biological Invasions • Conservation of Biodiversity • Epithelial Transport • Marine Community Ecology • Molecular Phylogenetics • Ornithology • Tropical Field Ecology • Optional Modules

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

Career & Graduate Study Opportunities

Due to the nature and breadth of the subject, Zoology graduates are employed in most of the industries and state organisations that employ biologists. These include the National Parks and Wildlife Services, National Museum, Marine Institute, semi-state bodies such as the Environmental Protection Agency, ESB, Bord Iascaigh Mhara and Inland Fisheries Ireland, conservation bodies, aquaculture, universities, secondary schools, environmental consultancies, and several areas of biotechnology.

Graduate opportunities are also available for students to pursue MSc or PhD programmes. Taught MSc programmes that can be pursued by Zoology graduates at UCD include Applied Environmental Science, Environmental Sustainability (Online) and Global Change: Ecosystem Science and Policy.

www.myucd.ie/zoology
Associate Professor Jens Carlsson
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LEARN MORE

Other Courses of Interest:

Environmental Biology	112
Genetics	113
Agri-Environmental Sciences	162
Animal Science	165

EARTH SCIENCES

BSc (Hons) (NFQ Level 8)

Earth Sciences is such a diverse and exciting field of study. The creation and destruction of the Earth beneath our feet, strange creatures preserved in rock and ancient catastrophic events are among a few of the things I find fascinating about it. I was always interested in Science but found it very difficult to pinpoint a specific area within it to study. UCD Science became a clear first choice for me because of the common entry system, and it was through this course that I discovered my love of Earth Sciences. I am now working as a project coordinator in the Offshore Wind Industry. Working in an industry that is constantly taking strives towards a greener future for Ireland is so exciting.

Grace Fitzgerald, Graduate

CAO Code: DN200

Earth & Environmental Sciences Stream

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

CAO Code: DN700

BSc Social Science

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **9**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes
Same as above

Studying Earth Sciences as a minor with:

- Archaeology
- Geography

Other Courses of Interest:

Archaeology 67
Geography 69

Why is this course for me?

Earth Sciences are all about our planet and how it works: at no time has this been more important. Understanding the Earth system profoundly impacts many aspects of society and is critical to developing solutions for current global challenges, including climate change, energy, access to clean water and protection from natural disasters. Our degree builds on biology, chemistry, physics and physical geography to understand the structure, age and evolution of the Earth, the history of life, and the processes (e.g. plate tectonics, earthquakes, landslides) that shape Earth's surface and interior. Modules equip graduates with modern field, digital and geospatial skills, and there is an emphasis on developing critical thinking based on earth system data, on scales ranging from microns to thousands of kilometers.

What will I study?

Earth Sciences is one of the degree subjects available through the Earth & Environmental Sciences stream in the common entry Science course.

Students interested in Earth Sciences have the choice in first year to study the modules for Earth Sciences and Environmental Biology or to focus on Earth Sciences only. Assuming students meet all the academic requirements in first and second year, students can choose Earth Sciences as their degree major at the end of second year. Please see page 108 for further information. This is a sample set of modules that an Earth Sciences student could study each year in UCD.

First Year

Scientific Enquiry • Introduction to Earth Sciences • Earth Science & Materials • Earth & Humanity • Field Geology • Earth, Environment & Society • Optional Science Modules • Elective Module

Second Year

Crystals to Sedimentary Rocks • Field Geology & Mapwork (Includes a residential field course in the west of Ireland) • Geoscience for Sustainability • Earth & Humanity • Global Environmental Change • Medical Geology • Earth, Environment and Society • History of life on Earth • Dynamic Earth • Optional Modules • Elective Modules

Third Year

Applied Palaeontology • Sedimentary Environments • Igneous Petrology • Geological Mapping • Geological Structures • Metamorphic Petrology • Geological Fieldwork (Residential field courses in Ireland and England) • Low Temperature Geochemistry • Geomaterials & Geoenergy • Digital Geology & GIS • Optional Modules • Elective Modules

Work Placements & Research Opportunities

Students have the opportunity to take a work placement module and/or a research project module during Third Year or during the following summer vacation.

Fourth Year

Geological Mapping Research • Applied Palaeontology • Igneous & Ore Geology • Advanced Geological Mapping • Basin Analysis • Geological Fieldwork (Includes a 10-day residential field course, usually held in Spain) • Quaternary Geology • Applied Geophysics

Career & Graduate Study Opportunities

Earth Sciences graduates work in organisations essential to understanding and protecting the environment including geological surveys, NGOs, onshore and offshore geotechnical companies, environmental consultancies and insurance firms managing natural disaster risk. They are also employed in companies exploring for, and producing, natural resources as mineral exploration and production geologists, geophysicists, hydrogeologists, environmental geochemists and marine surveyors.

Earth Sciences as a Minor Subject

Earth Sciences can be combined with either Archaeology or Geography as a Minor subject, with most of your study being in your Archaeology or Geography Major subject through DN700 Social Sciences. Depending on your interests, you may elect to study from the following range of themes: Geology and Society; Landforms, Sediments and Life; Field Skills; Geochemistry; Earth Materials; Solid Earth Evolution. To select Earth Sciences as a Minor, select DN700 Social Sciences, choose the Two Subject Combination, then select either Archaeology or Geography with Minor subject – and pick Earth Sciences.

LEARN MORE

www.myucd.ie/earth-science
Sarah Procter, School of Earth Sciences Manager
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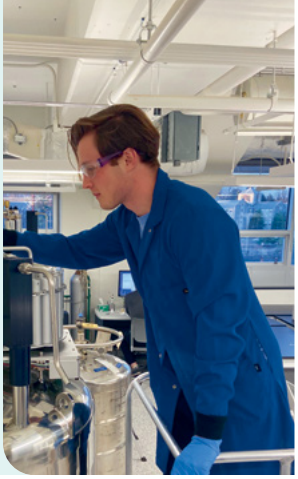
Instagram/Facebook/Twitter: @MyUCD

I am fascinated by the world around me, from the fundamental laws of our universe to the mechanisms of life itself. I have found Chemistry in UCD to be a place where my own curiosities and my passion to make a difference have been nurtured and developed. The lecturers are all kind, helpful and supportive, and their passion for their work is something I continue to find inspiring. Through UCD I was lucky enough to be awarded a scholarship to study for a term in the US, where I made many friends and grew as a chemist, and as a person. The UCD community is an incredible environment and there is a society or club for everyone.

Liam Jowett, Graduate



CHEMISTRY

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Chemistry Stream (includes Medicinal/ Sustainable/Biophysical)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **25**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

All materials and living things consist of atoms that are linked together in many different ways in molecules. Chemistry is a study of these molecules, how they form and react. Life, metabolism, pharmaceuticals, forensic analysis and the development of new energy supplies, computer chips and medical devices: none of these can be fully developed or understood without chemistry.

What will I study?

Chemistry is one of the degree subjects available through the Chemistry stream in the common entry Science course.

Students study similar modules for all degree subjects in the Chemistry stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Chemistry student could study each year in UCD.

First Year

Scientific Enquiry • Basis of Organic & Biological Chemistry • Basis of Inorganic Chemistry • The Molecular World • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Organic Chemistry • Basis of Physical Chemistry • Basis of Inorganic Chemistry • Physical Chemistry • + modules for 1 other Science Subject • Elective Modules

Third Year

Quantum Mechanics • Instrumental Analysis • Carbonyl Chemistry & Synthesis • Structure Determination & Aromatic Heterocyclic Chemistry • Mechanism & Stereochemistry • Symmetry & Computational Chemistry • Organometallic & Solid State Chemistry • Soft Matter & Interfacial Chemistry • Chemical Thermodynamics & Physical Transformations • Advanced Transition Metal Chemistry • Optional Modules • Elective Modules

Fourth Year

Research Project • Methods in Organic Synthesis • Advanced Inorganic Chemistry • Electrochemistry • Reactivity & Change • Advanced Topics in Physical Chemistry • Nanochemistry • Modern Methods & Catalysis

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students have spent time studying in Sweden, Canada and the USA at University of Lund, University of Virginia, McGill University, University of British Columbia, University of Colorado at Boulder and Villanova University.

Career & Graduate Study Opportunities

The pharmaceutical industry is one of the largest in Ireland, and UCD Chemistry graduates work in a variety of roles. This includes analytical roles in laboratories on the testing and analysis of active pharmaceutical ingredients, medicines, and medical devices. Some graduates pursue research chemist roles in laboratories in research and development. Management and supervisory roles are also an option in regulatory affairs, production and validation. The semiconductor, medical device and energy industries also hire a significant number of materials chemists, and graduates would be involved in semiconductor processing, effluent and raw materials monitoring, and air and water quality measurements.

Chemistry graduates also pursue PhDs in Ireland or abroad in areas as diverse as total synthesis of natural products, biological aspects of nanoscience, novel material synthesis, energy generation, synthetic organic chemistry, methodology development and polymer chemistry.

www.myucd.ie/chemistry
Professor Pat Guiry
UCD School of Chemistry
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Chemistry with Biophysical Chemistry	122
Chemistry with Environmental & Sustainable Chemistry	123
Medicinal Chemistry & Chemical Biology	124

CHEMISTRY WITH BIOPHYSICAL CHEMISTRY

BSc (Hons) (NFQ Level 8)

I entered Science studying equal parts Biology and Chemistry until I decided to specialise in Chemistry with Biophysical Chemistry. This subject addresses the need for chemists, in research and in industry, who have a proper understanding of biological principles as well as physics – to best tackle some of the biggest issues in biomedicine, biotechnology, and the environment. I have been on the French Society and Cumann Gaelach committees, acted in and directed plays with UCD Dramsoc, and been a Peer Mentor for Science. I now work as a Research & Development Chemist for Henkel in Dublin, and consider my 'global' and language education at UCD the most attractive attributes to global companies.

Bronagh McMullan, Graduate

CAO Code: DN200

Chemistry Stream (includes Medicinal/ Sustainable/Biophysical)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Biophysical Chemistry combines the study of chemistry with the molecular principles of the functioning of life and their applications in modern technologies, from the design of a new generation of smart medicines to green manufacturing. The best chemical technologies of our world are utilised in biological systems, where thousands of chemical transformations take place in a well-controlled, environmentally friendly manner.

These transformations occur in biological cells, which represent sophisticated chemical manufacturing plants filled with a broad range of nano devices. Chemistry with Biophysical Chemistry students will acquire knowledge of advanced chemistry, and of molecular principles of organisation and functioning of living matter. They will also acquire skills in the applications of these principles in biomedical, biotechnological, pharmaceutical, food and other related industries.

What will I study?

Chemistry with Biophysical Chemistry is one of the degree subjects available through the Chemistry stream in the common entry Science course.

Students study similar modules for all degree subjects in the Chemistry stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Chemistry with Biophysical Chemistry student could study each year in UCD.

First Year

Scientific Enquiry • Basis of Organic & Biological Chemistry • Basis of Inorganic Chemistry • The Molecular World • Cell Biology & Genetics • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Organic Chemistry • Physical Chemistry • Basis of Inorganic Chemistry • Functionin g of Biomolecules • + modules for 1 other Science Subject • Elective Modules

Third Year

Quantum Mechanics • Instrumental Analysis • Carbonyl Chemistry & Synthesis • Structure Determination & Aromatic Heterocyclic Chemistry • Mechanism & Stereochemistry • Symmetry & Computational Chemistry • Organometallic & Solid State Chemistry • Soft Matter & Interfacial Chemistry • Chemical Thermodynamics & Physical Transformations • Advanced Transition Metal Chemistry • Optional Modules in Biomolecular, Organic & Inorganic Chemistry • Elective Modules

Fourth Year

Research Project • Electrochemistry • Nanomaterials Chemistry • Special Topics in Biophysical Chemistry • Advanced Topics in Physical Chemistry • Optional Modules in Biomolecular, Organic & Inorganic Chemistry

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

Career & Graduate Study Opportunities

The interdisciplinary aspect of this degree and the acquired combination of theoretical and practical skills provide broad opportunities for employment in the area of advanced chemical and biomolecular technologies, including complex biomolecular formulations, bio-nanotechnology, bioprocessing and bioengineering.

Biophysical Chemistry graduates will be able to find employment in biotechnological, chemical, pharmaceutical, biomedical, food, personal care and other industries, as well as academic research worldwide. Graduates can also pursue a range of MSc or PhD opportunities in Ireland or abroad.

Other Courses of Interest:

Chemistry 121
Chemistry with Environmental & Sustainable Chemistry 123
Medicinal Chemistry & Chemical Biology 124

LEARN MORE

www.myucd.ie/cwbc
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I was always interested in environmental protection and science. The common entry Science course allowed me to develop a holistic understanding of the environment by taking classes in Biology and Geology in addition to my Chemistry modules. I enjoyed Chemistry with Environmental & Sustainable Chemistry the most as it is very solutions focussed. I completed a three-month internship with the Environmental Protection Agency in the summer after third year. I was part of the Industrial Licence Enforcement team in Dublin. I researched and wrote an 8000-word report on 22 special area of conservation peat bog sites and worked as part of a team to prepare for the new solid fuel regulations that came in place last year.

Niamh Gurrin, Student

CHEMISTRY WITH ENVIRONMENTAL & SUSTAINABLE CHEMISTRY

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Chemistry Stream (includes Medicinal/ Sustainable/Biophysical)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Two major problems are facing industrialised society. How do we maintain our standards of living without, firstly, using non-renewable resources as sources of energy and as raw materials for manufacturing industries and, secondly, compromising our local and global environment? Chemistry with Environmental & Sustainable Chemistry will be central to solving these problems. This discipline, which draws from all branches of chemistry, will enable us to produce the materials and energy we use through ways that minimise the impact on the environment. Furthermore, it will be crucial in developing a variety of resources (solar power, biofuel synthesis, fuel cells, etc.) for use in renewable energy generation. The degree subject is suitable for students who have an interest in the use of chemistry in tackling these urgent problems.

What will I study?

Chemistry with Environmental & Sustainable Chemistry is one of the degree subjects available through the Chemistry stream in the common entry Science course.

Students study similar modules for all degree subjects in the Chemistry stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Chemistry with Environmental & Sustainable Chemistry student could study each year in UCD.

First Year

Scientific Enquiry • Basis of Organic & Biological Chemistry • Basis of Inorganic Chemistry • The Molecular World • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Environmental & Sustainable Chemistry • Organic Chemistry • Physical Chemistry • Basis of Inorganic Chemistry • + modules for 1 other Science Subject • Elective Modules

Third Year

Quantum Mechanics • Instrumental Analysis • Carbonyl Chemistry & Synthesis • Structure Determination & Aromatic Heterocyclic Chemistry • Mechanism & Stereochemistry • Symmetry & Computational Chemistry • Organometallic & Solid State Chemistry • Soft Matter & Interfacial Chemistry • Chemical Thermodynamics & Physical Transformations • Advanced Transition Metal Chemistry • Optional Modules in Earth Sciences & Ecology • Elective Modules

Fourth Year

Research Project • Advanced Inorganic Chemistry • Electrochemistry • Green and Sustainable Chemistry • Methods in Organic Synthesis • Modern Methods & Catalysis •Sustainable Development Chemistry • Reactivity and Change • Nanomaterials Chemistry

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students have spent time studying in Sweden, Canada and the USA at University of Lund, University of Virginia and McGill University.

Career & Graduate Study Opportunities

Apart from the disciplines that are available to graduates with a BSc in Chemistry, graduates in Chemistry with Environmental & Sustainable Chemistry will be particularly suited to employment in the environmental and emerging energy industries, including commercial environmental analysis, alternative energy industry, Environmental Protection Agency, ESB and Bord Gáis.

Graduates can also pursue a range of MSc or PhD opportunities in Ireland or abroad.

www.myucd.ie/cwesc
Professor James Sullivan
UCD School of Chemistry
askscience@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Chemistry	121
Chemistry with Biophysical Chemistry	122
Medicinal Chemistry & Chemical Biology	124
Sustainability with Environmental Sciences	104

MEDICINAL CHEMISTRY & CHEMICAL BIOLOGY

BSc (Hons) (NFQ Level 8)

I chose Medicinal Chemistry & Chemical Biology because I have always been fascinated by the intersection of chemistry and biology, and how the knowledge of chemical compounds and reactions can be used to improve human health. One of the things I enjoy most about my studies is the hands-on laboratory work. I find it incredibly satisfying to conduct experiments and see the results first-hand. After I graduate, I hope to pursue a career in the pharmaceutical industry where I can use my knowledge and skills to contribute to the development of new and effective medications. Long-term, I would like to participate in the development and research of new drugs and therapies.

Meng-Jan Lim, Student

CAO Code: DN200

Chemistry Stream (includes Medicinal/ Sustainable/Biophysical)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **40**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

This degree subject is ideal for students who have an interest in chemistry and its applications in biology. Medicinal Chemistry & Chemical Biology are fields populated by chemists who have a good understanding of biology at the molecular level. They will be of increasing importance for decades to come to address existing and emerging healthcare problems, e.g. cancer, AIDS, TB and avian flu. Chemical biologists and medicinal chemists will develop the next generation of medicines to solve such problems and will have an impact across a wide range of areas, including the development of environmentally friendly approaches to process chemistry.

What will I study?

Medicinal Chemistry & Chemical Biology is one of the degree subjects available through the Chemistry stream in the common entry Science course.

Students study similar modules for all degree subjects in the Chemistry stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Medicinal Chemistry & Chemical Biology student could study each year in UCD.

First Year

Scientific Enquiry • Basis of Organic & Biological Chemistry • Basis of Inorganic Chemistry • The Molecular World • Cell Biology & Genetics • Linear Algebra for Science • Calculus for Science • Optional Science Modules • Elective Module

Second Year

Organic Chemistry • Basis of Physical Chemistry • Basis of Inorganic Chemistry • Biomolecular Lab Skills • Medicinal Chemistry & Chemical Biology • Physical Chemistry • Molecular Genetics & Biotechnology • Biomolecular Sciences • Biomedical Science • + modules for 1 other Science Subject • Elective Modules

Third Year

Chemical Biology of Natural Products • Chemical Biology of Macromolecules • Carbonyl Chemistry & Synthesis • Medicinal Chemistry • Structure Determination & Heterocyclic Chemistry • Mechanism & Stereochemistry • Biochemist's Toolkit • Option Modules • Elective Modules

Fourth Year

Research Project • Metals in Biology • Methods in Organic Synthesis • Modern Methods of Catalysis • Special topics in Medicinal Chemistry and Chemical Biology

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Options

Students have spent time studying in Sweden, Canada and the USA at University of Lund, University of Virginia, McGill University, University of British Columbia, University of Colorado at Boulder and Villanova University.

Career & Graduate Study Opportunities

Graduates of the Medicinal Chemistry & Chemical Biology degree will be equipped with the skills to pursue a career in pharmaceuticals, food technology companies, cosmetic technology companies, fine chemical and chemical development, and patenting.

Other Courses of Interest:

LEARN MORE

www.myucd.ie/mccb
Assistant Professor Marina Rubini
UCD School of Chemistry
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APPLIED & COMPUTATIONAL MATHEMATICS

BSc (Hons) (NFQ Level 8)

After my first Applied & Computational Mathematics class, I knew it was the right choice for me. The chance to study further the mechanics and structure of Mathematics and learn how to apply it to not just Physics and Computer Science but to a wide range of other fields was thrilling. That, along with my time spent as a class representative, was so rewarding; getting to organise events, trips and hoodies for my class. As well as this, UCD Science gave me the opportunity to spend a trimester studying abroad in California, broadening my perspective and giving me a more varied education. My time at UCD left me well prepared for a Masters at the University of Cambridge.

PJ Nee, Graduate

Why is this course for me?

If you enjoy studying Mathematics for the Leaving Certificate, Applied & Computational Mathematics at UCD will train you in the essential mathematical and computational skills in modelling, analysis and simulation needed to solve problems arising throughout the physical and life sciences, engineering, business and finance sectors.

Today's challenges faced by science and engineering are so complex that they can be analysed and solved only through mathematical and computational modelling. Mathematical models create representations of complex real-world phenomena in a precise, quantitative way. Fundamental insights can then be obtained by analysing these models through a combination of mathematical analysis and computational simulation. Outside the traditional spheres of science and engineering, mathematical modelling and simulation techniques are increasingly used in the social sciences, communication, business and finance sectors.

What will I study?

Applied & Computational Mathematics is one of the degree subjects available through the Mathematics stream in the common entry Science course.

Students study similar modules for all degree subjects in the Mathematics stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that an Applied & Computational Mathematics student could study each year in UCD.

First Year

Scientific Enquiry • Introduction to Applied & Computational Mathematics • Calculus in the Mathematical and Physical Sciences • Applications of Differential Equations • Linear Algebra in the Mathematical and Physical Sciences • Statistical Modelling • Mathematical Analysis • Numbers & Functions • Mathematical Analysis • Optional Modules • Elective Module

Second Year

Computational Science • Classical Mechanics • Calculus of Several Variables • Introduction to Probability • Oscillations & Waves • Vector Calculus • + modules for 1 other Subject • Elective Modules

Third Year

Advanced Computational Science • Advanced Mathematical Methods • Complex Analysis • Partial Differential Equations • Mathematical Biology • Metric Spaces • Numerical Methods • Dynamical Systems • Option Modules • Elective modules

Fourth Year

Research Project • Mathematics of Complex Networks • Mathematics of Machine Learning • General Relativity & Black Holes • Mathematical Fluid Dynamics • Option Modules

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students may apply to study abroad for a trimester in third year in partner institutions internationally.

Career & Graduate Study Opportunities

Graduates with training in Applied & Computational Mathematics work in fields as diverse as analytics and forecasting, meteorology, energy systems, electronics, biomedical applications and bio-information, finance, pharmaceutical industry, environmental agencies and companies, and computing in business, technology, research, and academia.

CAO Code: DN200

Mathematics Stream (includes Applied/ Financial/Statistics)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **15**

General Entry Requirements

See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Open Learning Entry Route

See www.ucd.ie/openlearning

Mature Entry Route

See www.ucd.ie/maturestudents

DARE Entry Route

See www.myucd.ie/dare

HEAR Entry Route

See www.myucd.ie/hear

University Access

See www.myucd.ie/universityaccess

Special Entry Recommendations

We recommend that all students in Applied & Computation Mathematics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

www.myucd.ie/acm
Assistant Professor Conor Sweeney
UCD School of Mathematics and Statistics
askscience@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Theoretical Physics	133
Computer Science	140
Mathematics	126
Statistics	128
Financial Mathematics	130

MATHEMATICS

THROUGH SCIENCE

BSc (Hons) (NFQ Level 8)

I decided to study at UCD due to its beautiful campus, unparalleled facilities, and the ability to tailor my degree to what interested me most. My favourite part of studying Mathematics is learning to look at a complicated logical problem and slowly teasing out the solution through different approaches. The variety in assessment of projects, assignments and exams helped ensure I understood topics in theory and practice. Being involved in the Literary & Historical society and the Women+ in STEM society has helped me meet an incredible group of friends and has aided me in developing a wide variety of extracurricular skills. After I graduate, I hope to work in mathematical research working on cryptography.

Ellen Healy, Student

CAO Code: DN200

Mathematics Stream (includes Applied/ Financial/Statistics)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **10**

General Entry Requirements

See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Open Learning Entry Route

See www.ucd.ie/openlearning

Mature Entry Route

See www.ucd.ie/maturestudents

DARE Entry Route

See www.myucd.ie/dare

HEAR Entry Route

See www.myucd.ie/hear

University Access

See www.myucd.ie/universityaccess

Special Entry Recommendations

We recommend that all students in Mathematics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

Why is this course for me?

Mathematics is a universal language and a tool of fundamental importance in the physical and social sciences, engineering, technology, computer science, statistics, finance, data analytics and many other fields. The subject is thousands of years old and yet thoroughly modern. In the past 100 years the growth of mathematics has been spectacular, stimulated not only by the needs of science, technology and commerce, but also by intellectual challenges provided by the discipline itself. The interplay between mathematics and neighbouring subjects continues to yield many fascinating problems that require creative solutions. If you find mathematics interesting and enjoyable then this degree subject could be for you.

What will I study?

Mathematics is one of the degree subjects available through the Mathematics stream in the common entry Science course.

Students study similar modules for all degree subjects in the Mathematics stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Mathematics student could study each year in UCD.

First Year

Scientific Enquiry • Introduction to Applied & Computational Mathematics • Calculus in the Mathematical and Physical Sciences • Applications of Differential Equations • Linear Algebra in the Mathematical and Physical Sciences • Statistical Modelling • Mathematical Analysis • Numbers & Functions • Mathematical Analysis • Optional Modules • Elective Module

Second Year

Computational Science • Calculus of Several Variables • Linear Algebra in the Mathematical Sciences • Introduction to Probability • Vector Calculus • Groups, Rings and Fields • Inferential Statistics • + modules for 1 other Subject • Elective Modules

Third Year

Advanced Linear Algebra • Metric Spaces • Measure Theory • Complex Analysis • Topology • Further Groups & Rings • Option Modules • Elective modules

Fourth Year

Research Project • Differential Geometry • Functional Analysis • Galois Theory • Probability Theory • Number Theory • Mathematics of Quantum Computation • Option Modules

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students may apply to study abroad for a trimester in third year in partner institutions internationally.

Career & Graduate Study Opportunities

Each year sees new applications of sophisticated mathematical models and procedures in insurance and actuarial services, data analytics, the stock market, banking and industry. Employers in all of these areas seek mathematics graduates for their critical thinking and problem-solving skills.

Our recent graduates are working in many diverse areas, including actuarial science, banking and financial services, civil service, coding and cryptography companies, IT industry, meteorology and research.

Opportunities for further study include MSc and PhD programmes in the mathematical sciences in Ireland and abroad, leading to research positions in universities or industry.

Other Courses of Interest:

LEARN MORE

www.myucd.ie/maths-science
Dr Rupert Levene
UCD School of Mathematics and Statistics
askscience@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I really enjoyed Maths at school so when it came to choosing a college course, I selected Maths as a joint major with Information and Communication Studies. It allowed me to study two topics that offered diversity, kept me engaged, and provided me with broader career options after graduation. The maths course is very wide-ranging and offers an array of topics from linear algebra in first year to group theory in final year. It is a challenging course but is very well supported by the lecturers, tutors, and Math Support Centre to help you keep on top of the subject.

Jonluke Kelly, Graduate

MATHEMATICS

THROUGH ARTS & HUMANITIES OR SOCIAL SCIENCES

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

If you are interested in studying Mathematics together with an Arts and Humanities or Social Sciences subject, then this degree is for you.

Mathematics has long played a central role in our quest to fully describe and understand the natural world. Nowadays, it is also a vital tool in many of the social sciences. Those who concentrate on this subject will gain an understanding of mathematical concepts and learn how to prove key facts and solve problems using deductive reasoning.

What will I study?

Some first-year modules build on the foundations laid at Leaving Certificate or equivalent, while others will introduce exciting new aspects of the subject. It is not assumed that you will have met everything before and each topic is carefully introduced and built upon.

BA Joint Honours

Mathematics as part of a BA can be combined with one of 12 Arts and Humanities subjects including English, Music, Irish and History.

First Year

Calculus • Linear Algebra 1 • Combinatorics & Number Theory • +1 other subject • Elective Module

Second Year

Topics in Mathematics include:

Multivariable Calculus • Analysis • Algebraic Structures • Linear Algebra 2 • Statistics & Probability • Graphs & Networks • The Mathematics of Google • Theory of Games • +1 other subject • Elective Modules

Third Year

Complex Analysis • Geometry • Group Theory and Applications • History of Mathematics • Financial Mathematics • Differential Equations • +1 other subject • Elective Modules

BSc Social Sciences

Mathematics as part of a BSc can be combined with one of seven Social Sciences subjects including Economics, Sociology and Geography.

First Year

Calculus • Linear Algebra 1 • Combinatorics & Number Theory • +1 other subject • Elective Module

Second Year

Algebraic Structures • Multivariable Calculus • Analysis • Linear Algebra 2 • +1 other subject • Elective Modules

Third & Fourth Year

Mathematics topics include:

Complex Analysis • Group Theory & Applications • Geometry • Graphs & Networks • The Mathematics of Google • Financial Mathematics • History of Mathematics • Differential Equations • Statistics & Probability • Cryptography • Study Abroad Opportunity • Internship Opportunity • Research Project • Elective Modules

Assessment

Assessment will be through a combination of end-of-trimester written examinations, projects and continuous assessment.

International Study Opportunities

Students may apply to study abroad at international partner universities in Year 3 of the Social Sciences programme.

Career & Graduate Study Opportunities

The skills and problem-solving abilities you acquire are highly prized in a range of professions. Mathematics graduates have found highly rewarding employment in: Actuarial Science, Political Science, Journalism, Business, Sociology, Banking and Financial Services, IT, Education, Meteorology, Accounting.

Graduates may also pursue further study, including the HDip in Mathematical Science and the HDip and MA in Statistics.

Other Courses of Interest:

Economics, Mathematics & Statistics 65
Economics 68

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
Typical Class Size: **19**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
In order to study Mathematics, we strongly recommend that you have at least a Grade H4 in Leaving Certificate Mathematics, or equivalent

Studying Mathematics as a joint major with:
Art History • Irish • Drama • Irish Folklore • English • Italian • French • Linguistics • Music • Portuguese • Statistics • Greek & Roman Civilisation • History

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **14**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other Entry Routes & Special Entry Recommendations:
Same as above

Studying Mathematics as a joint major with:
Archaeology • Philosophy • Economics • Sociology • Geography • Politics & International Relations • Information and Communication Studies

www.myucd.ie/maths-ahss
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LEARN MORE

STATISTICS

THROUGH SCIENCE

BSc (Hons) (NFQ Level 8)

I decided to study at UCD as I have always loved Mathematics and knew I wanted to study it in college. UCD gave me the flexibility to see what type of Maths subject I enjoyed the most. I was able to try Physics, Mathematics, Statistics and even Chemistry – before deciding to major in Statistics. I love getting to see Mathematics applied to real world data and establishing patterns and reasonings behind different outcomes. I am also Secretary of the Trampoline Club, which I joined back in first year and have made some of my closest friends through the club! In my summer of third year, I completed an internship in data analytics and after I graduate, I hope to work as a data analyst.

Emer Clune, Student

CAO Code: DN200

Mathematics Stream (includes Applied/ Financial/Statistics)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **15**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We recommend that all students in Statistics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

Why is this course for me?

Do you have a curious mindset and a thirst for knowledge about the world around you? This course is for you! Statistics is the science of transforming data into knowledge and understanding, and provides a principled approach to making data-informed decisions. As we live through a data revolution, with every sector of the economy, science, and society routinely producing vast amounts of data, the demand for data analytic skills is higher than ever. From finance to healthcare, tech to sports, expertise in statistics is essential for shaping the future of these industries.

At UCD, Statistics goes beyond simply teaching students how to use data analytics methods and algorithms. We also focus on providing a comprehensive understanding of the underlying mathematical principles behind statistical analyses. By combining methods, theory, programming, and data from real-world applications, our graduates are equipped not just to use existing data analytics tools, but to develop new ones as well. This is a highly sought-after mastery, given the fast-paced, ever-changing nature of the data science field. With this degree you will be part of the statisticians and data scientists of the future who will shape how data are employed in society, sciences, and economy.

What will I study?

Statistics is one of the degree subjects available through the Mathematics stream in the common entry Science course.

Students study similar modules for all degree subjects in the Mathematics stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Statistics student could study each year in UCD.

First Year

Scientific Enquiry • Introduction to Applied & Computational Mathematics • Calculus in the Mathematical and Physical Sciences • Applications of Differential Equations • Linear Algebra in the Mathematical and Physical Sciences • Statistical Modelling • Mathematical Analysis • Numbers & Functions • Mathematical Analysis • Optional Modules • Elective Module

Second Year

Computational Science • Calculus of Several Variables • Linear Algebra in the Mathematical Sciences • Introduction to Probability • Modern Regression Analysis • Inferential Statistics • Introduction to Bayesian Analysis • + modules for 1 other Science Subject • Elective Modules

Third Year

Time Series Analysis • Models - Survival • Models - Stochastic Models • Data Programming with AUR • Design of Experiments • Advanced Predictive Analytics • Statistical Machine Learning • Nonparametric Statistics • Option Modules • Elective Modules

Fourth Year

Research Project • Bayesian Data Analysis • Multivariate Data Analysis • Data Collection Methods • Applied Matrix Theory • Models - Survival • Monte Carlo Inference • Option Modules

International Study Opportunities

Students may apply to study abroad for a trimester in third year in partner institutions internationally.

Career & Graduate Study Opportunities

With a degree in statistics, you will acquire the necessary skills to unlock insights from complex data, and steer crucial decisions across a diverse range of sectors. As a statistician, you will be highly valued across a broad spectrum of fields, such as healthcare, business, bioscience, finance, climate science, economics, sports analytics, education, and government. Our graduates are well-prepared to enter the workforce and make a significant impact in their chosen careers.

A degree in statistics also opens doors to graduate studies in both taught and research programs. Many of our graduates pursue advanced degrees, which further deepen their knowledge and expertise in the field, providing numerous opportunities for career advancement.

Other Courses of Interest:

Financial Mathematics 130
Actuarial & Financial Studies 139

LEARN MORE

www.myucd.ie/statistics-science
Dr Michael Fop
UCD School of Mathematics and Statistics
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Instagram/Facebook/Twitter: @MyUCD

I originally chose to study statistics as I did well in mathematics at school and I wanted to explore our larger society's dynamics. I study modules in Statistics and Economics and this balance alongside option modules in other social sciences subjects has provided me with a holistic understanding of Statistics and its far-reaching influence. Between lectures and coding labs, I apply theory into practice, working with large data sets while navigating different applications of statistics. I have been able to determine my career path in trend forecasting, and I don't think I would have come to this conclusion without UCD's educational approach and its career support.

Vy Nguyen, Student

STATISTICS

THROUGH ARTS & HUMANITIES OR SOCIAL SCIENCES

BA (Hons) (NFQ Level 8) – DN520
BSc (Hons) (NFQ Level 8) – DN700

Why is this course for me?

If you are interested in complementing your Arts and Humanities or Social Science studies with a quantitative and data analytics related subject, then this degree is for you.

Statistics is the science of transforming data into knowledge and understanding, providing a principled approach to making data-informed decisions. Statistical methods enable us to gain insights from data, and with the advent of powerful computing technology, these methods have become widely used in many sectors. With society and the economy routinely producing vast amounts of data, the demand for data analytics skills is higher than ever.

What will I study?

The curriculum is designed to provide students with a solid foundation in statistical methods, with an emphasis on programming and hands-on experience tackling data-related, real-world problems.

In the first year, you will gain a broad overview of the basic principles of statistical modelling and reasoning, while subsequent years enhance this knowledge with a mixture of theoretical and applied modules to give you a well-rounded learning experience in statistics. Notably, you will learn how to use current statistical software packages, giving insight into how statistical methods are used in practice.

BA Joint Honours

Statistics as part of a BA can be combined with one of nine Arts and Humanities subjects including English, Music, Irish and History.

First Year

Statistics (including statistical modelling)
• Mathematics (including calculus)
• Plus other subject • Elective Module

Second Year

Statistics (including probability and inference, Bayesian statistics, predictive models)
• +1 other subject • Elective Modules

Third Year

Statistics (including advanced predictive models, time series, machine learning, data programming) • +1 other subject
• Elective Modules

BSc Social Sciences Joint Major

Statistics as part of a BSc can be combined with one of seven subjects, including Economics and Sociology.

First Year

Statistics (including statistical modelling)
• Mathematics (including calculus, linear algebra) • Plus other subject
• Elective Module

Second Year

Statistics (including probability and inference, Bayesian statistics, predictive models)
• Elective Modules

Third & Fourth Year

Statistics (including advanced predictive models, time series, machine learning, data programming) • Research portfolio
• Internship opportunity • Study abroad opportunity • +1 other subject
• Elective Modules

Assessment

Assessment will be through a combination of end-of-trimester written examinations, projects and continuous assessment.

International Study Opportunities

Students may apply to study abroad at international partner universities in Year 3 of the Social Sciences programme.

Career & Graduate Study Opportunities

With a degree in statistics, you will acquire the necessary skills to unlock insights from complex data, and steer crucial decisions across a diverse range of sectors. Employers in these industries are actively seeking professionals with advanced statistical data analytics skills and reasoning. As a statistician, you will be highly valued across a broad spectrum of fields, and perform societal research that contributes to understanding economic and social change, informing public policymaking. You will have the opportunity to build a career in industries such as government, economic analysis, finance, marketing, or education. A degree in statistics also opens doors to graduate studies in both taught and research programmes.

CAO Code: DN520

BA Joint Honours

CAO Points Range 2022: **400-625**
Length of Course: **3 years**
Typical Class Size: **10**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, a third language and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
In order to study Statistics, we strongly recommend that you also have at least a Grade H4 in Leaving Certificate Mathematics, or equivalent

Studying Statistics as a joint major with:
Art History • Irish • Drama • Linguistics • English • French • Spanish • German

CAO Code: DN700

BSc Social Sciences

CAO Points Range 2022: **445-613**
Length of Course: **4 years**
Typical Class Size: **7**

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other Entry Routes & Special Entry Recommendations:
Same as above

Studying Statistics as a joint major with:
Archaeology • Philosophy • Economics • Sociology • Geography • Politics & International Relations • Information and Communication Studies

www.myucd.ie/statistics-ahss
Dr Michael Fop
UCD School of Mathematics and Statistics
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Computational Social Science 64
Economics, Mathematics & Statistics 65

FINANCIAL MATHEMATICS

BSc (Hons) (NFQ Level 8)

When I came to the UCD Open Day and saw the beautiful science building and how friendly everyone was, my mind was made up right away. When I learned about Financial Mathematics, it sounded like the perfect way to continue to study mathematics while also combining it with my interest in financial markets. I was also lucky enough to get to go abroad for my third year to UC Berkeley in California, which was an amazing experience. Studying at a different institution gave me another perspective and I think it really helped me in my final year. I also completed an internship in the summer between third and fourth year at Credit Suisse and was able to earn credits as part of the professional placement module. After graduating, I went back to work at the same firm full time.

Joseph Mulligan, Graduate

CAO Code: DN200

Mathematics Stream (includes Applied/Financial/Statistics)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **35**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We recommend that all students in Financial Mathematics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

Why is this course for me?
If you have a strong interest in Mathematics, enjoy problem solving and are interested in how Mathematics is used in business and finance, Financial Mathematics will give you an understanding of the mathematical theories that underpin financial models, as well as computational expertise in the algorithms used to price financial products. One example of a financial model included in the course is the Black-Scholes option pricing model, dating from 1973, which is one of the earliest equations developed and used to price options. Implementations of financial models, including computer programming, form a key part of the course.

What will I study?
Financial Mathematics is one of the degree subjects available through the Mathematics stream in the common entry Science course.

Students study similar modules for all degree subjects in the Mathematics stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Financial Mathematics student could study each year in UCD.

First Year
Scientific Enquiry • Introduction to Applied & Computational Mathematics • Calculus in the Mathematical and Physical Sciences • Applications of Differential Equations • Linear Algebra in the Mathematical and Physical Sciences • Statistical Modelling • Mathematical Analysis • Numbers & Functions • Mathematical Analysis • Microeconomics for Business • Optional Modules • Elective Module

Second Year
Computational Science • Calculus of Several Variables • Linear Algebra in the Mathematical Sciences • Introduction to Probability • Foundations of Finance • Modern Regression Analysis • + modules for 1 other Science Subject • Elective Modules

Third Year
Partial Differential Equations in Financial Maths • Corporate Financial Management • Fundamentals Actuarial Mathematics • Metric Spaces • Models - Stochastic Models • Advanced Computational Finance • Financial Maths Foundations • Option Modules • Elective Modules

Fourth Year
Measure Theory & Integration • Time Series Analysis • Monte Carlo Inference • Financial & Actuarial Maths • Advanced Risk Management • Probability Theory • Option Modules

Timetables & Assessment
Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities
Students may apply to study abroad for a trimester in third year in partner institutions internationally.

Career & Graduate Study Opportunities
Graduates with training in Financial Mathematics work in fields as diverse as quantitative positions in international financial companies, risk modelling in banking and insurance, computing in business, technology, research, and academia.

Graduates can also pursue a range of MSc or PhD programmes such as the MSc in Actuarial Science, MSc in Financial Mathematics, MSc in Statistics or an MSc in Data Analytics.

Other Courses of Interest:

Mathematics 126
Statistics 128
Actuarial & Financial Studies 139

www.myucd.ie/financial-maths
Dr Adamaria Perrotta
UCD School of Mathematics and Statistics
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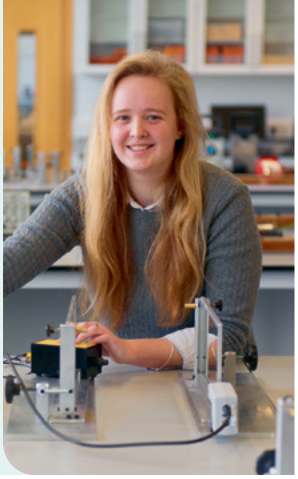
I really fell in love with Physics after being able to apply what I learned in the classroom first-hand in the lab at UCD. This interest was boosted by two opportunities to undertake internships during my degree. After second year, I worked closely with UCD School of Physics staff to write programs to solve equations describing white dwarf and neutron stars. Then, in third year, I travelled to the University of Notre Dame in the United States to study radioactive materials' impact on the environment. Inspired by these internships, I began a PhD in particle physics. I am currently based at CERN in Switzerland, helping to run the ATLAS experiment at the Large Hadron Collider and to analyse the particle collisions it records.

Eimear Conroy, Graduate



PHYSICS

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Physics Stream (includes Theoretical/ Astronomy & Space Science)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **15**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Physics is about the fundamental laws of the universe that govern living as well as non-living systems. It is a fundamental science, involving a deep understanding of nature derived from mathematical and experimental insights. Physics is the subject that constantly asks "why?", questioning why matter and energy exist and act as they do, and discovering the underlying rules that govern their behaviour. Physicists now believe that all phenomena observed in the universe can be explained in terms of a handful of forces: gravity, electricity, magnetism, and weak and strong nuclear interactions.

Developments in physics have led to advances in many fields, including medicine and the semiconductor industry. Understanding physical principles and discovering new laws that explain our universe at an even deeper level are the challenges that confront physicists in the 21st century. The degree subject will develop your knowledge and skills in problem-solving, data analysis, computation and experimental techniques.

What will I study?

Physics is one of the degree subjects available through the Physics stream in the common entry Science course.

Students study similar modules for all degree subjects in the Physics stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Physics student could study each year in UCD.

First Year

Scientific Enquiry • Introduction to Applied & Computational Mathematics • Calculus in the Mathematical and Physical Sciences • Frontiers of Physics • Foundations of Physics • Astronomy & Space Science • Fields, Waves and Light • Optional Modules • Elective Module

Second Year

Calculus of Several Variables • Introductory Quantum Mechanics • Vector Calculus • Methods for Physicists • Electronics & Devices • + modules for 1 other Science Subject • Elective Modules

Third Year

Advanced Physics Laboratory • Classical Mechanics+Relativity • Quantum Mechanics • Electromagnetism • Optics & Lasers • Option Modules • Elective Modules • Physics offers summer research experience to undergraduates

Fourth Year

Research Project • Applied Quantum Mechanics • Classical Mechanics+Relativity • Quantum Mechanics • Electromagnetism • Optics & Lasers • Option Modules

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students can apply to study for a trimester or year in third year in a number of universities worldwide including University of California, Berkeley; University of California, Santa Cruz; San Jose State University, and University of Melbourne.

Career & Graduate Study Opportunities

The UCD Physics degree is an accredited Physics degree and recent Physics graduates have pursued careers areas such as energy technology, medical physics, meteorology, advanced materials (e.g. semiconductor industry), Geoscience, ICT and financial industries, and semi-state bodies such as EPA's Office of Radiological Protection.

Graduates are also eligible to apply for MSc programmes in Nanobio Science, Space Science & Technology, Nanotechnology, Medical Physics or Meteorology, or for PhD programmes in Ireland and abroad in diverse areas such as Radiation Physics, Physics of Advanced Materials, Atomic Physics, Particle Physics and Astrophysics.

www.myucd.ie/physics
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LEARN MORE

Other Courses of Interest:

Physics with Astronomy & Space Science 132
Theoretical Physics 133
Applied & Computational Mathematics 125

PHYSICS WITH ASTRONOMY & SPACE SCIENCE

BSc (Hons) (NFQ Level 8)

Choosing to study UCD Science allowed me to explore all aspects of Physics during my first two years of study. I chose to specialise in Physics with Astronomy & Space Science because it places me firmly on the known universe's frontiers. Every day I step into the lab, I do not know where I might travel in the universe and what I might learn. UCD Science has given me opportunities to follow my passions from working on research using world-class telescopes to introducing me to the UCD Science Society where I have made friends that I consider family. When I graduate, the toolbox of skills Science DN200 has provided will truly let me reach for the stars and pursue a career or further studies in the space sector.

Owen Johnson, Student

CAO Code: DN200

Physics Stream (includes Theoretical/ Astronomy & Space Science)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **15**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Physics with Astronomy & Space Science seeks to apply the fundamental laws of Physics to explain observations of the Universe, made using ground and space-based instrumentation. The degree is primarily a Physics degree with specific modules on the applications of Physics and will develop your skills in problem solving, data analysis, computation, and experimental techniques.

What will I study?

Physics with Astronomy & Space Science is one of the degree subjects available through the Physics stream in the common entry Science course.

Students study similar modules for all degree subjects in the Physics stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Physics with Astronomy & Space Science student could study each year in UCD.

First Year

Scientific Enquiry • Introduction to Applied & Computational Mathematics • Calculus in the Mathematical and Physical Sciences • Frontiers of Physics • Foundations of Physics • Astronomy & Space Science • Fields, Waves and Light • Optional Modules • Elective Module

Second Year

Exploring the Solar System • Calculus of Several Variables • Introductory Quantum Mechanics • Vector Calculus • Methods for Physicists • Electronics & Devices • + modules for 1 other Science Subject • Elective Modules

Third Year

Physics, Astronomy & Space Science Lab • Classical Mechanics+Relativity • Quantum Mechanics • Electromagnetism • Optics & Lasers • Option Modules • Elective Modules

Fourth Year

Research Project • Physics, Astronomy & Space Science Lab • Astronomy Field Trip (Students participate in a week-long field trip where they gain hands-on experience at a professional observatory) • Applied Quantum Mechanics • High Energy Particle Physics • Nuclear Physics • Galaxies, Orvational Cosmology & the Interstellar Medium • Option Modules

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students can apply to study for a trimester or year in third year in a number of universities worldwide including University of California, Berkeley; University of California, Santa Cruz; San Jose State University, and University of Melbourne.

Career & Graduate Study Opportunities

The Physics with Astronomy & Space Science degree is accredited by the Institute of Physics, which positions graduates to go into the rapidly growing space sector. There are opportunities for well-qualified graduates to work with major space agencies, such as ESA and NASA, or with space companies. Graduates are also qualified to go into areas such as medical physics, meteorology, semiconductor technology, energy, ICT and finance.

Graduates may apply for MSc programmes such as Space Science & Technology. They may also pursue research through PhD programmes in Ireland and abroad in many fields of physics.

Other Courses of Interest:

Applied & Computational Mathematics 125
Physics 131
Theoretical Physics 133

www.myucd.ie/pwass
Associate Professor John Quinn
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Instagram/Facebook/Twitter: @MyUCD

In First Year, I had the opportunity to sample a number of different areas before eventually choosing Theoretical Physics as my degree. The combination of problem solving, mathematics and programming helped me make my decision. I travelled to CERN in Geneva with the Physics Society which was a great experience. I also regularly go on surf trips with UCD Surf Club around Ireland. I travelled with the club to Taghazout in Morocco on their annual foreign trip where I had an amazing time. Since my graduation, I have been working as a Technology Consultant within Ernst & Young which gave me the opportunity to work on a large variety of projects and learn about how technology can be used to solve problems for various clients.

Ian Smith, Graduate

THEORETICAL PHYSICS

BSc (Hons) (NFQ Level 8)

CAO Code: DN200

Physics Stream (includes Theoretical/ Astronomy & Space Science)

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **15**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

At UCD, Theoretical Physics puts emphasis on the mathematical description of physical phenomena, providing a unified picture of the fundamental laws of nature. It's ideally suited to students who enjoy studying Mathematics and Physics in secondary school. Insights from Theoretical Physics are driving our understanding of nature at all scales, from the origin of large-scale structures in the universe to the Planck scale, where our current understanding of space and time breaks down. The degree subject comprehensively covers Theoretical Physics, while developing your knowledge and expertise in problem solving, using analytical and computational techniques, which have wide application in, for example, biophysics, social physics, quantum physics, relativity and nanoscience.

What will I study?

Theoretical Physics is one of the degree subjects available through the Physics stream in the common entry Science course.

Students study similar modules for all degree subjects in the Physics stream in first year and will study modules for a minimum of two degree subjects in second year. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample set of modules that a Theoretical Physics student could study each year in UCD.

First Year

Scientific Enquiry • Introduction to Applied & Computational Mathematics • Calculus in the Mathematical and Physical Sciences • Frontiers of Physics • Foundations of Physics • Astronomy & Space Science • Fields, Waves and Light • Optional Modules • Elective Module

Second Year

Computational Science • Classical Mechanics • Calculus of Several Variables • Introductory Quantum Mechanics • Oscillations & Waves • Vector Calculus • Methods for Physicists • Electronics & Devices • + modules for 1 other Science Subject • Elective Modules

Third Year

Advanced Theoretical Physics Laboratory • Classical Mechanics+Relativity • Quantum Mechanics • Electromagnetism • Optics & Lasers • Complex Analysis • Option Modules • Elective Modules • Physics offers summer research experience to undergraduates

Fourth Year

Research Project • Applied Quantum Mechanics • Advanced Mathematical Methods • High Energy Particle Physics • Nuclear Physics • General Relativity & Cosmology • Computational Biophysics • Quantum Field Theory • Option Modules

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials, depending on the subjects. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students can apply to study for a trimester or year in third year in a number of universities worldwide including University of California, Berkeley; University of California, Santa Cruz; San Jose State University, and University of Melbourne.

Career & Graduate Study Opportunities

Theoretical Physics graduates can choose to develop careers in a variety of sectors including academic and government research Institutions, energy technologies, information and communication technology, advanced materials (e.g. semiconductor industry), management consulting, stock market and financial risk analysis, climate change and environmental impact analysis, and second and third-level education.

Our Theoretical Physics degree is an accredited Physics degree and graduates are well prepared for further research and have successfully completed PhDs in MIT, Caltech, Harvard, Princeton and Cambridge, as well as in UCD.

www.myucd.ie/theoretical-physics
Associate Professor Vladimir Lobaskin, UCD School of Physics / Associate Professor Barry Wardell, UCD School of Mathematics and Statistics
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Applied & Computational Mathematics 125
Physics 131

APPLIED MATHEMATICS, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8)
& MSC (NFQ LEVEL 9)

I chose UCD Science because I knew I wanted to study Mathematics. I was set on studying pure mathematics but after completing a module on mathematics education, I realised that while I have a love for mathematics, I have a passion for mathematics education and communication. The great thing about this degree is that there are a lot of options available once I graduate. The world of mathematics education and communication is so extensive, and I am keen to be a part of it in many ways. I find teaching very rewarding, so I see myself working in a secondary school to gain experience. I would love to come back to college to pursue a graduate degree and get involved in mathematics education research.

Deeba Javadpour, Student

CAO Code: DN200

Science, Mathematics & Education Stream

CAO Points Range 2022: **556-625**
Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**
Typical Class Size: **12**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We recommend that all students in Applied Mathematics, Mathematics & Education should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

Why is this course for me?

If you are interested in Applied Mathematics and Mathematics and think you might like to teach these subjects at post-primary level, then this degree subject may be for you. It's designed so that you study mathematics, applied mathematics and education in an integrated manner. Throughout the course you will gain teaching experience through structured educational placements. The four-year BSc in Applied Mathematics, Mathematics & Education leads directly to the one-year MSc in Mathematics and Science Education. On completion of both degrees, you are fully qualified to teach Applied Mathematics and Mathematics to Higher Level Leaving Certificate Level.

What will I study?

Applied Mathematics, Mathematics & Education is one of the degree subjects in the Science, Mathematics & Education stream in the common entry Science course.

Students study the modules required for the Applied Mathematics, Mathematics & Education in first year and will study modules for a minimum of two degree subjects in second year. Students interested in Science, Mathematics & Education degree subjects also have the choice to pursue the modules required for degree subjects in other streams within the common entry Science course. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample pathway for Applied Mathematics, Mathematics & Education.

First Year

Scientific Enquiry • Mathematics & Science Education & Communication • Applications of Differential Equations • Linear Algebra • Numbers and Functions • Calculus • Mathematical Analysis • Statistical Modelling • Optional Modules • Elective Module

Second Year

Key Ideas in Education • Science and Mathematics Pedagogy • Computational Science • Vector Calculus • Oscillations & Waves • Classical Mechanics • Calculus of Several Variables • Groups, Rings and Fields • Linear Algebra • Elective Modules

Third Year

Schools and Society • Post-Primary Placement • Peer-Assisted Tutoring • Analytical Mechanics • Fluid Mechanics • Partial Differential Equations • Probability Theory • Option Modules • Elective modules

Fourth Year

Pedagogical Approaches to Mathematics and Science • Psychology for Teaching & Learning • Year-Long Placement in Post-Primary School • Group Theory • Geometry • Complex Analysis • History of Mathematics

Fifth Year

Research Methods • Professional Dissertation • Year-Long Placement in Post- Primary School • Continuous Professional Development

Career & Graduate Study Opportunities

After graduating with their BSc, students proceed to the MSc in Mathematics & Science Education.

Placements are integrated into this 5-year course from first year, with all undergraduate placements arranged for you. Care is taken to gradually introduce you to school placements, to enable you to build your knowledge and confidence before teaching a class of pupils.

During the last two years of the course, students complete year-long placements at two different post-primary schools. These placements are designed so that students not only obtain teaching experience, but also gain a whole-of-school experience through participating in parent-teacher meetings, timetabling etc. The complete five-year course is fully accredited by the Teaching Council of Ireland.

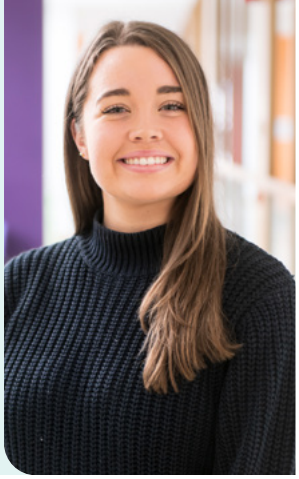
Other Courses of Interest:

Biology, Mathematics & Education 135
Chemistry, Mathematics & Education 136
Computer Science, Mathematics & Education 137
Physics, Mathematics & Education 138

www.myucd.ie/amme
Associate Professor Aoibhinn Ní Shúileabháin
UCD School of Mathematics and Statistics
askscience@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

UCD's reputation and wide range of amenities, clubs, and societies initially attracted me. However, my fascination with various scientific disciplines led me to discover the UCD Science course with diverse options in Biology, Chemistry, Physics, Mathematics, and Education.Motivated by a deep interest in people, pedagogical practices, and the intricacies of mathematical learning, I finalized my subject selection in Biology, Mathematics, and Education. This choice offered an all-encompassing STEM education experience, where the theoretical knowledge acquired during lectures served as the bedrock for implementing effective teaching methodologies. This pathway includes two-year-long placements, and these significantly contributed to the development of my identity as a Mathematics and Science educator.

Ciara Cunningham, Student



BIOLOGY, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8)
MSc (NFQ Level 9)

CAO Code: DN200

Science, Mathematics & Education Stream

CAO Points Range 2022: **556-625**
Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**
Typical Class Size: **12**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We recommend that all students in Biology & Mathematics Education should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

Why is this course for me?

If you are interested in Biology and Mathematics, and think you might like to teach these subjects at post-primary level, then this degree subject may be for you. It's designed so that you study mathematics, biology and education in an integrated manner. Throughout the course you will gain teaching experience through structured educational placements.

The four-year BSc Biology, Mathematics & Education leads directly to the one-year MSc Mathematics and Science Education. On completion of both degrees, you are fully qualified to teach post-primary Biology and Mathematics to Higher Level Leaving Certificate Level and Science to Junior Certificate Level.

What will I study?

Biology, Mathematics & Education is one of the degree subjects in the Science, Mathematics & Education stream in the common entry Science course.

Students study the modules required for the Biology, Mathematics & Education in first year and will study modules for a minimum of two degree subjects in second year. Students interested in Science, Mathematics & Education degree subjects also have the choice to pursue the modules required for degree subjects in other streams within the common entry Science course. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample pathway for Biology, Mathematics & Education.

First Year

Scientific Enquiry • Mathematics & Science Education & Communication • Biology in Action • Life on Earth • Cell Biology and Genetics • Linear Algebra • Calculus • Statistical Modelling • Optional Modules • Elective Module

Second Year

Key Ideas in Education • Science and Mathematics Pedagogy • Principles of Plant Biology & Biotechnology • Principles of Environmental Biology and Ecology • Molecular Genetics and Biotechnology • Calculus of Several Variables • Differential Equations • Mathematical Analysis • Elective Modules

Third Year

Schools and Society • Post-Primary Placement • Peer-Assisted Tutoring • Systems Ecology • Functional Morphology • Regulation of Gene Expression • Evolutionary Biology • Ecological and Environmental Microbiology • Algebraic Structures • Probability Theory • Option Modules • Elective Modules

Fourth Year

Pedagogical Approaches to Mathematics and Science • Psychology for Teaching & Learning • Year-Long Placement in Post-Primary School • Group Theory • Geometry • Complex Analysis • History of Mathematics

Fifth Year

Research Methods • Professional Dissertation • Year-Long Placement in Post-Primary School • Continuous Professional Development

Career & Graduate Study Opportunities

After graduating with their BSc, students proceed to the MSc in Mathematics & Science Education.

Placements are integrated into this 5-year course from first year, with all undergraduate placements arranged for you. Care is taken to gradually introduce you to school placements, to enable you to build your knowledge and confidence before teaching a class of pupils.

During the last two years of the course, students complete year-long placements at two different post-primary schools. These placements are designed so that students not only obtain teaching experience, but also gain a whole-of-school experience through participating in parent-teacher meetings, timetabling, etc. The complete five-year course is fully accredited by the Teaching Council of Ireland.

Key Fact

The five-year course is fully accredited by the Teaching Council of Ireland.

Placements are integrated into this course from first year, with year-long placements at two different post-primary schools during the final two years of the course.

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Associate Professor Aoibhinn Ní Shúilleabháin
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

CHEMISTRY, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8)
& MSc (NFQ Level 9)

I was attracted to UCD for two reasons: the broad Science DN200 course and the incredibly active clubs and societies. The course coordinators care about your teacher training greatly, providing school placements in Years 3 and 4, and helping you to become an effective teacher. It is deeply rewarding and satisfying to help young people. I became actively involved in the UCD Dance Society competing nationally and serving as a committee member. Being part of a society is truly what makes the college experience special, and UCD offers over 80 of them!

Aisling Benson, Student

CAO Code: DN200

Science, Mathematics & Education Stream

CAO Points Range 2022: **556-625**
Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**
Typical Class Size: **12**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We recommend that all students in Chemistry, Mathematics & Education should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

Why is this course for me?

If you are interested in Chemistry and Mathematics, and think you might like to teach these subjects at post-primary level, then this degree subject may be for you. It's designed so that you study mathematics, chemistry and education in an integrated manner.

Throughout the course you will gain teaching experience through structured educational placements.

The four-year BSc Chemistry, Mathematics & Education leads directly to the one-year MSc Mathematics and Science Education. On completion of both degrees you are fully qualified to teach Chemistry and Mathematics to Higher Level Leaving Certificate Level and Science to Junior Certificate Level.

What will I study?

Chemistry, Mathematics & Education is one of the degree subjects in the Science, Mathematics & Education stream in the common entry Science course.

Students study the modules required for the Chemistry, Mathematics & Education in first year and will study modules for a minimum of two degree subjects in second year. Students interested in Science, Mathematics & Education degree subjects also have the choice to pursue the modules required for degree subjects in other streams within the common entry Science course. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample pathway for Chemistry, Mathematics & Education.

First Year

Scientific Enquiry • Mathematics & Science Education & Communication • Introductory Chemistry • Organic Chemistry and Chemical Biology • Linear Algebra • Calculus • Statistical Modelling • Optional Modules • Elective Module

Second Year

Key Ideas in Education • Science and Mathematics Pedagogy • Physical Chemistry • Organic Chemistry • Inorganic Chemistry • Calculus of Several Variables • Differential Equations • Mathematical Analysis • Elective Modules

Third Year

Schools and Society • Post-Primary Placement • Peer-Assisted Tutoring • Instrumental Analysis • Mechanism and Stereochemistry • Main Group Chemistry and Bonding • Chemical Thermodynamics • Carbonyl Chemistry and Synthesis • Organometallic and Solid State Chemistry • Algebraic Structures • Probability Theory • Option Modules • Elective Modules

Fourth Year

Pedagogical Approaches to Mathematics and Science • Psychology for Teaching & Learning • Year-Long Placement in Post-Primary School • Classroom Teaching • Group Theory • Geometry • Complex Analysis • History of Mathematics

Fifth Year

Research Methods • Professional Dissertation • Year-Long Placement in Post-Primary School • Continuous Professional Development

Career & Graduate Study Opportunities

After graduating with their BSc, students proceed to the MSc in Mathematics & Science Education.

Placements are integrated into this 5-year course from first year, with all undergraduate placements arranged for you. Care is taken to gradually introduce you to school placements, to enable you to build your knowledge and confidence before teaching a class of pupils.

During the last two years of the course, students complete year-long placements at two different post-primary schools. These placements are designed so that students not only obtain teaching experience, but also gain a whole-of-school experience through participating in parent-teacher meetings, timetabling etc. The complete five-year course is fully accredited by the Teaching Council of Ireland.

Key Fact

The five-year course is fully accredited by the Teaching Council of Ireland.

Placements are integrated into this course from first year, with year-long placements at two different post-primary schools during the final two years of the course.

Other Courses of Interest:

LEARN MORE

www.myucd.ie/cme
Associate Professor Aoibhinn Ní Shúilleabháin
UCD School of Mathematics and Statistics
askscience@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I had teaching at the back of my mind for a while, and the flexibility that came with choosing UCD Science gave me the time I needed to make sure that is the path I wanted to take. By choosing Computer Science, Mathematics & Education, I could continue to study the subjects that I am passionate about, while also training to be a secondary school teacher. I was attracted to this course for the blend of Mathematics and Computer Science that it offers, as well as the social aspects of school placements and learning how to teach. I particularly like the sense of community and the supportive environment in the program's education modules. The lecturers genuinely care about students' learning and know all their students by their first names.

Conor Sievwright, Student

COMPUTER SCIENCE, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8) & MSc (NFQ Level 9)

Why is this course for me?

If you are interested in Mathematics and Computer Science, and think you might like to teach these subjects at post-primary level, then this degree subject may be for you. It's designed so that you study mathematics, computer science and education in an integrated manner.

Throughout the course you will gain teaching experience through structured educational placements.

The four-year BSc Computer Science, Mathematics & Education leads directly to the one-year MSc Mathematics and Science Education. On completion of both degrees, you should be fully qualified to teach Computer Science and Mathematics to Higher Level Leaving Certificate Level.

What will I study?

Computer Science, Mathematics & Education is one of the degree subjects in the Science, Mathematics & Education stream in the common entry Science course.

Students study the modules required for the Computer Science, Mathematics & Education in first year and will study modules for a minimum of two degree subjects in second year. Students interested in Science, Mathematics & Education degree subjects also have the choice to pursue the modules required for degree subjects in other streams within the common entry Science course. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample pathway for Computer Science, Mathematics & Education.

First Year

Scientific Enquiry • Mathematics & Science Education & Communication • Computer Programming • Linear Algebra • Calculus • Statistical Modelling • Optional Modules • Elective Module

Second Year

Key Ideas in Education • Science and Mathematics Pedagogy • Introduction to Java • Software Engineering • Calculus of Several Variables • Differential Equations • Mathematical Analysis • Elective Modules

Third Year

Schools and Society • Post-Primary Placement • Peer-Assisted Tutoring • Data Structures • Networks and Internet Systems • Algorithms • Introduction to Operating Systems • Algebraic Structures • Probability Theory • Option Modules • Elective Modules

Fourth Year

Pedagogical Approaches to Mathematics and Computer Science • Psychology for Teaching & Learning • Year-Long Placement in Post-Primary School • Group Theory • Geometry • Complex Analysis • History of Mathematics

Fifth Year

Research Methods • Professional Dissertation • Year-Long Placement in Post-Primary School • Continuous Professional Development

Career & Graduate Study Opportunities

After graduating with their BSc, students proceed to the MSc in Mathematics & Science Education.

Placements are integrated into this 5-year course from first year, with all undergraduate placements arranged for you. Care is taken to gradually introduce you to school placements, to enable you to build your knowledge and confidence before teaching a class of pupils.

During the last two years of the course, students complete year-long placements at two different post-primary schools. These placements are designed so that students not only obtain teaching experience, but also gain a whole-of-school experience through participating in parent-teacher meetings, timetabling etc. The complete five-year course is fully accredited by the Teaching Council in Mathematics and Computer Science.

Key Fact

The five-year course is fully accredited by the Teaching Council of Ireland.

Placements are integrated into this course from first year, with year-long placements at two different post-primary schools during the final two years of the course.

CAO Code: DN200

Science, Mathematics & Education Stream

CAO Points Range 2022: **556-625**
Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**
Typical Class Size: **12**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We recommend that all students in Computer Science, Mathematics & Education should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

www.myucd.ie/csme
Associate Professor Aoibhinn Ní Shúileabháin
UCD School of Mathematics and Statistics
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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Applied Mathematics, Mathematics & Education	134
Biology, Mathematics & Education	135
Chemistry, Mathematics & Education	136
Physics, Mathematics & Education	138

PHYSICS MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8)
& MSC (NFQ LEVEL 9)

I had trouble choosing the right course because I had so many interests; maths and physics, essay writing, public speaking, and children's development. I wanted a course that combined all these interests; then I found the Physics, Mathematics & Education degree in UCD Science. It combined all these areas and was the perfect fit for me. I encounter unique perspectives and ideas in every class. The structure of the course was also extremely appealing with plenty of time to think about our decisions. In UCD, I am currently part of the leadership committee for Draw Society, and I highly recommend everyone to get involved in clubs and societies.

Hanna Biju, Student

CAO Code: DN200

Science, Mathematics & Education Stream

CAO Points Range 2022: **556-625**
Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**
Typical Class Size: **12**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We recommend that all students in Physics, Mathematics & Education should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent

Why is this course for me?

If you are interested in Physics and Mathematics, and think you might like to teach these subjects at post-primary level, then this degree subject may be for you. you. It's designed so that you study physics, mathematics and education in an integrated manner. Throughout the course you will gain teaching experience through structured educational placements.

The four-year BSc Physics, Mathematics & Education leads directly to the one-year MSc Mathematics and Science Education. On completion of both degrees, you are fully qualified to teach Physics and Mathematics to Higher Level Leaving Certificate Level and Science to Junior Certificate Level.

What will I study?

Physics, Mathematics & Education is one of the degree subjects in the Science, Mathematics & Education stream in the common entry Science course.

Students study the modules required for the Physics, Mathematics & Education in first year and will study modules for a minimum of two degree subjects in second year. Students interested in Science, Mathematics & Education degree subjects also have the choice to pursue the modules required for degree subjects in other streams within the common entry Science course. At the end of second year, students choose their degree major. Please see page 108 for further information. This is a sample pathway for Physics, Mathematics & Education.

First Year
Scientific Enquiry • Mathematics & Science Education & Communication • Foundations of Physics • Frontiers of Physics • Linear Algebra • Calculus • Statistical Modelling • Optional Modules • Elective Module

Second Year
Key Ideas in Education • Science & Mathematics Pedagogy • Quantum Mechanics • Electronics and Devices • Fields, Waves and Light • Methods for Physicists • Thermal Physics • Calculus of Several Variables • Differential Equations • Mathematical Analysis • Elective Modules

Third Year
Schools and Society • Post-Primary Placement • Peer-Assisted Tutoring • Classical Mechanics and Relativity • Electromagnetism • Nuclear Physics • Algebraic Structures • Probability Theory • Option Modules • Elective Modules

Fourth Year
Pedagogical Approaches to Mathematics and Science • Psychology for Teaching & Learning • Year-Long Placement in Post-Primary School • Group Theory • Geometry • Complex Analysis • History of Mathematics

Fifth Year
Research Methods • Professional Dissertation • Year-Long Placement in Post-Primary School • Continuous Professional Development

Career & Graduate Study Opportunities

After graduating with their BSc, students proceed to the MSc in Mathematics & Science Education.

Placements are integrated into this 5-year course from first year, with all undergraduate placements arranged for you. Care is taken to gradually introduce you to school placements, to enable you to build your knowledge and confidence before teaching a class of pupils.

During the last two years of the course, students complete year-long placements at two different post-primary schools. These placements are designed so that students not only obtain teaching experience, but also gain a whole-of-school experience through participating in parent-teacher meetings, timetabling etc. The complete five-year course is fully accredited by the Teaching Council of Ireland.

Key Fact

The five-year course is fully accredited by the Teaching Council of Ireland.

Placements are integrated into this course from first year, with year-long placements at two different post-primary schools during the final two years of the course.

Other Courses of Interest:

www.myucd.ie/pme
Associate Professor Aoibhinn Ní Shúileabháin
UCD School of Mathematics and Statistics
askscience@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I really enjoyed maths in school and problem solving has always been fun for me. However, I did not know exactly what type of career I wanted. This course is great as it covers a range of topics from actuarial to financial to data science using a hands-on approach, applying what you learn in class to real world scenarios. What I enjoyed the most was my work placement in third year. While the majority of students work in insurance companies, I took a different route and did my placement in an investment bank. First-hand industry experience is so important, and I plan on following this path after I graduate. The Actuarial and Financial Society in UCD is also great as they sponsor events throughout the year such as the Actuary Pub Quiz and the Actuary Ball.

Hugh Quigley, Student

ACTUARIAL & FINANCIAL STUDIES

BAFS (Hons) (NFQ Level 8)

CAO Code: DN230

CAO Points Range 2022: **613-625**
Length of Course: **4 years**
Places: **50**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- H2 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

If you enjoy studying Higher Level Mathematics for the Leaving Certificate or at A-Level and you have strong analytical and problem-solving skills, Actuarial & Financial Studies could be for you. An actuary is a professional who uses numbers to make judgements about the future. This course will prepare you for a professional career in the actuarial or financial professions, but it has also been designed to be broader and more diverse than most traditional courses in actuarial science.

A good actuary requires a multidisciplinary education in fields such as mathematics, economics, finance, statistics, risk management and professionalism. It takes a combination of strong analytical skills, business knowledge and understanding of human behaviour to design and manage programmes that control risk and guarantee sufficient funds for the insurance and pension sectors. Actuaries have traditionally worked mostly in the insurance and pensions industries but are increasingly moving into wider fields, where they can employ their range of skills.

The course also opens up options to work in finance, investment and trading.

What will I study?

This is a sample set of modules that an Actuarial & Financial Studies student could study each year in UCD.

First Year

Introduction to Programming • Foundations of Finance • Numbers & Functions • Linear Algebra with Applications to Economics • Introduction to Analysis • Introduction Actuarial & Financial Studies • Financial Accounting • Differential Equations • Advanced Calculus • Statistical Modelling • Fundamentals of Actuarial Business Theory • Elective Module

Second Year

Corporate Financial Management • Fundamentals of Actuarial Mathematics • Introduction to Probability • Professional Ethics • Modern Regression Analysis • Economic History • Inferential Statistics • Introduction to Bayesian Analysis • Elective Modules

Third Year

Information Management for Actuaries • Time Series Analysis • Models - Survival • Models - Stochastic Models • Workplace Skills for Actuarial & Financial Studies • Investment & Trading

Six month professional placement in an insurance and financial institution in Ireland (or in some cases abroad)

Fourth Year

International Financial Management • Actuarial Statistics • Financial & Actuarial Maths • Core Actuarial Principles • Statistical Machine Learning • Core Actuarial Principles

Assessment varies across modules but typically comprises of written exams, individual and group assignments, and mid-term tests.

Career & Graduate Study Opportunities

Most graduates take positions as actuarial trainees in life insurance, pensions, health insurance, general insurance or investment.

The Actuarial & Financial Studies degree at UCD offers potential exemptions from the core subjects CS1, CS2, CM1, CM2, CB1, CB2 and CP1 of the professional examinations of the Institute and Faculty of Actuaries, UK.

Some graduates also work in banking or finance as business or financial analysts. As an Actuarial & Financial Studies graduate, you are also eligible to pursue graduate study in statistics, computer science, economics, mathematics, management science, finance and other specialist business subjects.

www.myucd.ie/afs
Dr Adrian O'Hagan
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LEARN MORE

Other Courses of Interest:

Economics, Mathematics & Statistics 65
Economics & Finance 86
Financial Mathematics 130

COMPUTER SCIENCE

BSc (Hons) (NFQ Level 8)

This course offers a fascinating range of modules on every aspect of Computer Science. The opportunities to get involved with clubs and societies were fantastic. Through Netsoc, I made many new friends and contacts by attending and organising events. The highlight of my time here was hosting the SISTEM tech conference at UCD. In third year, I had the chance to undertake a six-month software engineering internship at Amazon. It was a wonderful experience to apply my studies in a practical setting and receive invaluable mentorship from my teammates. This even led to me being hired as a full-time software engineer by Amazon, where I work on new and exciting problems every day.

Thomas Creavin, Graduate

CAO Code: DN201

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **95**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We strongly recommend that all students in Computer Science should have a minimum Grade H4 in Leaving Certificate Mathematics, or equivalent.

Why is this course for me?

Do you ever wonder how Google, Twitter, Stripe or computer games work? Would you like to develop the next generation of cutting-edge computing technologies? If you are a logical thinker who likes problem solving and you enjoy subjects like mathematics, a degree in Computer Science could well be for you.

What will I study?

Computer Science is one of the degree subjects available through the common entry Computer Science DN201 course.

The UCD Computer Science degree covers the fundamentals of Computer Science while also exposing students to the contemporary languages and technologies used in the industry. Key topics include programming, foundational mathematics, advanced software engineering, cloud development, theory of computer science, networks and security. The principal programming languages used are C, Java and Python. Specialised topics include computer graphics, game development, robotics, mobile development and others.

First Year

Algorithmic Problem Solving • Introduction to Comp Architecture • Formal Foundations • Computer Programming • Functional Programming • Software Engineering Project • Foundations of Mathematics for Computer Science • Statistics with Python

Second Year

Digital Systems • Databases and Information Systems • Discrete Mathematics for Computer Science • Introduction to Java • Computer Networking • Software Engineering Project • Introduction to Operating Systems • Data Structures • Algorithms • Linear Algebra

Third Year

Foundations of Computing • Introduction to AI • Information Security • Multi-paradigm Programming • Programming for Big Data • Web Development • Graph Algorithms • Five Month Internship or Software Engineering Project • Optional Modules • Elective Modules

Fourth Year

Computer Science Project • Spatial Information Systems • Distributed Systems • Advances in Wireless Networking • Cloud Computing • Mobile App Development • Computer & Network Security • Human Computer Interaction • Contemporary Software Development • Programming for IOT • Information Theory • Multi-Agent Systems • Performance of Computer System

Timetables & Assessment

Each student will have their own timetable based on their individual module selection. This is a full-time course and classes may include lectures, practicals and tutorials. Students will also be expected to study independently (autonomous student learning). Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

It is possible to study abroad for a trimester, usually in the third year of the course. Universities that students have visited to date include the University of Auckland, New Zealand, the University of California, Irvine, USA, and Fudan University, Shanghai, China.

Career & Graduate Study Opportunities

A UCD Computer Science degree equips you with the fundamental skills to work in a variety of roles including software developer, software architect, engineering manager, database designer, web developer, network engineer, systems administrator or IT consultant. UCD Computer Science graduates work in a wide range of domains including internet, telecommunications, healthcare, finance, online retail, gaming and social networking. Some graduates start their own companies, even immediately after graduating. With a BSc in Computer Science, you are also eligible to pursue graduate study in computer science and in related areas, such as business, mathematics and engineering. Graduates also pursue research in computer science through PhD programmes in UCD or other institutions.

Other Courses of Interest:

Commerce	84
Applied & Computational Mathematics	125
Computer Science with Data Science	141
Electronic or Electrical Engineering	187

LEARN MORE

www.myucd.ie/computer-science
Associate Professor Mel Ó Cinnéide
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Instagram/Facebook/Twitter: @MyUCD

Growing up, I loved taking things apart, understanding how they worked and the challenge of putting them back together. Similarly, I enjoyed maths in school and thought computer science might give me an outlet to apply these problem-solving skills in college. The foundational modules offered in the first two years are invaluable to students who opt for the data science pathway. Today, a degree in data science provides endless career opportunities and studying at UCD makes it all the more enjoyable. UCD's elective modules provided me with a platform to extend my love for sport to an academic level by completing modules in exercise and performance. As a GAA scholar, UCD gave me the best opportunity to perform and succeed with access to world-class facilities and services.

Chloe Foxe, Graduate

COMPUTER SCIENCE WITH DATA SCIENCE

BSc (Hons) (NFQ Level 8)

CAO Code: DN201

CAO Points Range 2022: **556-625**
Length of Course: **4 years**
Typical Class Size: **65**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O2/H6 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Special Entry Recommendations
We strongly recommend that all students in Computer Science with Data Science should have a minimum Grade H4 in Leaving Certificate Mathematics, or equivalent.

Why is this course for me?

If you have an interest in technology and trends, this degree subject could be for you. At its core, data science is about extracting insights from data that can transform the way a company operates. For example, understanding data can match millions of businesses with new customers around the world in the areas of advertising and e-commerce. Mining large-scale data sets based on our health can inform pharmaceutical companies when choosing new medicines to develop and capturing data streams from wearable devices can improve our understanding of our habits and routines. Agri-food, energy, transport, government and education are all examples of industries on the verge of being transformed by the power of data-driven methods.

What will I study?

Computer Science with Data Science is one of the degree subjects available through the common entry Computer Science DN201 course.

This degree follows the same first two years as the BSc in Computer Science, which will give you an excellent foundation in Computer Science and Mathematics.

The in-depth focus on Data Science begins in Third Year, when you will study Statistics, Data Management and Data Analytics. The aim is to provide the technical depth and the practical experience that you will need to stand out in an increasingly demanding market place. Modules will include hands-on experience with contemporary data science tools such as Hadoop, NoSQL, Python, SciPy, SciKit.Learn, Matplotlib, Numpy and Pandas.

This is a sample pathway for a degree in Computer Science with Data Science. Sample topics include Machine Learning, Probability Theory, Introduction to AI, Data Science in Python, Data Mining, Information Visualisation, Programming for Big Data, and Deep Learning.

First Year

Algorithmic Problem Solving • Introduction to Comp Architecture • Formal Foundations • Computer Programming • Functional Programming • Software Engineering Project • Foundations of Mathematics for Computer Science • Statistics with Python

Second Year

Digital Systems • Databases and Information Systems • Discrete Mathematics for Computer Science • Introduction to Java • Computer Networking • Software Engineering Project • Introduction to Operating Systems • Data Structures • Algorithms • Linear Algebra

Third Year

Data Science in Python • Probability Theory • Introduction to Artificial Intelligence • Network Analysis • Data Science in Practice • Information Visualisation • Programming for Big Data • Information Security • Five Month Internship or Software Engineering Project

Fourth Year

Data Science Project • Machine Learning • Deep Learning • Data Mining • Cloud Computing • Connectionist Computing • Parallel and Cluster Computing • Text Analytics • Human Language Technology • Spatial Information Systems • Information Security

International Study Opportunities

It is possible to study abroad for a trimester, usually in the third year of the course. Universities that students have visited to date include the University of Auckland, New Zealand, the University of California, Irvine, USA, and Fudan University, Shanghai, China.

Career & Graduate Study Opportunities

Graduates with training in Computer Science with Data Science work in fields such as:

- Banking and Financial Services
- Consultancy (e.g. Accenture, Deloitte, PwC)
- Internet companies such as Google, PayPal and Meta
- Established ICT companies such as IBM, Microsoft and Intel
- ICT Start-ups

Graduates can also pursue a range of MSc or PhD programmes such as the MSc Computer Science (Negotiated Learning).

www.myucd.ie/csds
Associate Professor Derek Greene
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Instagram/Facebook/Twitter: @MyUCD

Other Courses of Interest:

HEALTH SCIENCES

STUDYING UCD MEDICINE

STAGE 1 — Engage with the principles

Fundamentals of Medicine

- Physical Sciences
- Genetics
- Foundations of Patient Centered Care
- Cellular & Human Biology

STAGE 2 — Broaden your knowledge

Understanding Healthy Organ Systems, Epidemiology & Statistics

- Anatomy
- Histology
- Biochemistry
- Physiology

Early Patient Contact, Social & Behavioural Science

- Health Informatics/Basic Clinical Skills

Graduate Entry to Medicine (GEM) Two years

STAGES 3 & 4 — Broaden & apply your knowledge

Understanding Human Disease

- Anatomy & Physiology
- Clinical Pharmacology
- Understanding Disability
- Pathology
- Microbiology

Transition to Clinical Education

- Clinical Skills Diagnosis & Therapeutics
- Professional Medical Practice
- ENT & Ophthalmology /Therapeutics

STAGES 5 & 6 — Clinical training & preparation for professional practice

Hospital & Community Based Advanced Clinical Practice

- Medicine
- Surgery
- Paediatrics
- Obstetrics & Gynaecology
- Psychiatry
- General Practice
- Legal Medicine
- Public Health Medicine
- Clinical Skills Diagnosis & Therapeutics
- Disability Studies Professionalism Ethics

MB, BCh, BAO (Honours)

Doctor

Internship/Residency

Continue to develop your professional career with UCD

Shape your career with UCD Medicine

HOSPITAL CONSULTANT:
Medicine, Surgery, Paediatrics, Obstetrics, Psychiatry, Radiology, Anaesthesia

GENERAL PRACTITIONER

PUBLIC HEALTH DOCTOR

ACADEMIC CLINICIAN

Specialise through UCD graduate study

Masters MD (Research) & PhD

Translational Research MD, PhD, MSc, MCh:

- Vascular Disease & Diabetes
- Infection & Inflammation
- Biological Imaging

UCD Medicine was my first choice as I knew that the academic staff, support and facilities on campus were excellent. An important factor for me was UCD's partnerships with the Mater Hospital and St Vincent's University Hospital - two of the leading acute hospitals in Ireland, where I knew I would get fantastic clinical experience and exposure during clinical placement. UCD's reputation worldwide and opportunities for international electives were key factors - I have a scholarship to do my clinical elective this summer in America, which I am really looking forward to.

Shauna Galligan, Student

MEDICINE

MB, BCh, BAO (Hons)
(NFQ Level 8)

Why is this course for me?

Our Medicine curriculum is patient-centred and continually adapts to the needs of society and developments in medical knowledge. You will learn from world-class educators and patients in state-of-the-art facilities, immerse yourself in our acclaimed undergraduate student research programme and benefit from a diverse, international student population.

The main hospitals associated with our programme are St Vincent's University Hospital and the Mater Misericordiae University Hospital. In addition, there are more than 20 other training hospitals and more than 120 primary care practices that will facilitate your learning. You will also benefit from a diverse range of exciting international placement opportunities.

Your First Year Experience

In your first year, you will be introduced to the science of medicine, which underpins our biomedical and clinical curriculum. You will also be introduced to ethical, societal and technological issues relevant to the practice of medicine.

Teaching methods include lectures, small group sessions, practicals and tutorials. There are four themes running through the entirety of both our undergraduate and graduate programmes: Evidence based medicine and research; Clinical competencies and preparedness; Professional medical practice; and Healthcare systems, quality and patient safety.

What will I study?

First Year

Focuses on core sciences and their application to Medicine. Highlights include: Chemistry • Biology • Physics • Genetics • Human Ethics • Healthcare Imaging • Science Medicine & Society

Second Year

Focuses on the structure and function of healthy organ systems.

Highlights include: Anatomy Dissection • Interviewing patients in the community

Third & Fourth Year

Complete the study of organ systems in health and disease. Begin clinical attachments.

Highlights include: Pathology • Microbiology • Pharmacology • Neurosciences • Respiratory Diseases • Clinical Skills & Attachments in Hospitals • Clinical Diagnosis & Therapeutics • General Practice & Professionalism • ENT & Ophthalmology

Fifth & Sixth Year

Immersive clinical attachments, instruction in the various medical specialties, clinical elective and professional completion.

Highlights include:

Medicine • Surgery • Obstetrics & Gynaecology • Paediatrics • Psychiatry • General Practice & Community Medicine • Legal Medicine • Public Health Medicine • Professional Completion

The Medicine course combines lectures, seminars, patient educator sessions, simulations, small group tutorials and clinical bedside learning.

International Study Opportunities

Our international network offers students exciting opportunities to gain experience overseas. Scholarships are available to support elective periods in clinical and academic centres all over the world.

Opportunities for Research

The Student Summer Research Awards (SSRA) programme is an eight-week research opportunity that brings to life our commitment to foster a passion for enquiry, discovery and investigative research for more than 100 students each year.

Career & Graduate Study Opportunities

Graduates of the School have achieved worldwide recognition in clinical practice, research and healthcare leadership. Following graduation, you are required to work as a supervised intern for a year by the Irish Medical Council. This can be followed by training towards a career in a wide variety of specialties and settings including hospitals, primary care facilities, or laboratory-based diagnosis and research.

CAO Code: DN400

CAO Points Range 2022: **543-625**
HPAT Score Range 2022: **178-225**
Combined Range 2022: **743-788**
Length of Course: **6 Years****
Places: **114**

**Applicants who have accepted a place in DN400 and who have previous third level credits may apply for Recognition of Prior Learning. Applicants may be granted exemption from some or all of stage 1.

General Entry Requirements

See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject.
- Minimum 480 CAO points or equivalent, which must be achieved in the same examination sitting as subject matriculation requirements.
- Plus HPAT admission test. For scoring details see: www.ucd.ie/medicineaddreq

Students who have previously been unsuccessful in any Medicine programme (i.e. have not met academic or other requirements within the programme) or have any issues that would affect their registration with the Irish Medical Council will only be considered for admission on a case-by-case appeal basis in exceptional circumstances, to be considered by the Medicine Programme Board.

Other School Leaving Examinations

See www.ucd.ie/admissions

Mature Entry Route

See www.ucd.ie/maturestudents

DARE Entry Route

See www.myucd.ie/dare

HEAR Entry Route

See www.myucd.ie/hear

University Access

See www.myucd.ie/universityaccess

Health Screening & Garda Vetting

See page 198

www.myucd.ie/medicine
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+353 1 716 6686
ucd.ie/medicine/contactus/
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LEARN MORE

Other Courses of Interest:

MEDICINE (GRADUATE ENTRY)

MB, BCh, BAO (Hons)
(NFQ Level 8)

This was the perfect opportunity for me to transition from a career in consulting to a career in medicine. The clinical placements and comprehensive curriculum have provided me with invaluable hands-on experience in the best teaching hospitals in the country. I have also had the opportunity to complete clinical electives at top sites in the US. A variety of extracurricular opportunities, including research projects and summer schools, broadened my medical knowledge and developed my skills as a physician. The supportive faculty and collaborative student community have been integral to my positive experience as a student. I am excited for my future career in medicine.

Conor Kennedy, Student

CAO Code: DN401

GAMSAT Score Minimum 2022: **60***
Length of Course: **4 years**
Places: **77**

General Entry Requirements
Minimum grade of second-class honours, grade 1 (2.1) in first Honours Bachelor's degree (NFQ Level 8). The degree can be in any discipline.

All applicants will be required to submit a current GAMSAT score. Places are awarded via the CAO on the basis of GAMSAT scores. Although only graduates are eligible to apply for this course, the graduate Medicine degree is equivalent in standard to the undergraduate Medicine degree.

Students who have previously been unsuccessful in any Medicine programme (i.e. have not met academic or other requirements within the programme) or have any issues that would affect their registration with the Irish Medical Council will only be considered for admission on a case-by-case appeal basis in exceptional circumstances, to be considered by the Medicine Programme Board.

Fees
Please refer to www.ucd.ie/fees

Further information on application process:
See the Entry to Medicine in Student Resources section on www.cao.ie

Mature Entry Route
None

Health Screening & Garda Vetting
See page 198

Why is this course for me?

UCD Graduate Entry Medicine (GEM) provides an innovative, science-driven and patient-centred curriculum, delivered by world-class educators in state-of-the-art facilities.

The main hospitals associated with our programme are St Vincent's University Hospital and the Mater Misericordiae University Hospital. In addition, there are more than 20 other training hospitals and more than 120 primary care practices that facilitate your learning.

This intensive, focused course is designed for students with an undergraduate degree who wish to pursue a career in medicine.

What will I study?

First & Second Year

There are four themes running through the entirety of both our undergraduate and graduate programmes: Evidence based medicine and research • Clinical Competencies and Preparedness for Practice • Professional Medical Practice • Healthcare Systems • Quality and Patient Safety.

In the first trimester, you will take a series of modules that introduce the application of medical science to the study of biological systems and disease. You will also learn the clinical skills needed for the rest of the programme. The remainder of the first two years integrates the medical science disciplines, while gradually expanding your professional capabilities in a clinical environment.

Third & Fourth Year

In the final two years, hospital and community placements with structured clinical education complete your degree. During your clinical training, you will participate in a series of specialist rotations, including medicine, surgery, psychiatry, obstetrics and paediatrics. Finally, you will undertake our acclaimed Professional Completion module to integrate your knowledge and prepare you for life as an intern.

Learning methods include lectures, small group sessions, practicals and enquiry-based learning in the classroom and at the bedside. For a full course outline, visit **www.ucd.ie/myucd/med**.

International Study Opportunities

Our international network offers students exciting opportunities to gain experience overseas. Scholarships are available to support elective periods in clinical and academic centres all over the world.

Opportunities for Research

Each year, approximately 100 Medicine students undertake an eight-week supervised laboratory, clinical or medical education project in Ireland or at one of our partner institutions in the Student Summer Research programme. The programme brings to life our commitment to foster in our students a passion for enquiry, discovery and investigative research.

Career & Graduate Study Opportunities

Graduates of the School have achieved worldwide recognition in clinical practice, research and healthcare leadership. Upon graduation, you must complete one year as an intern to gain full registration with the Irish Medical Council. You may then pursue training towards a career in a wide variety of specialties, in diverse settings, including hospitals and primary care facilities, or laboratory-based diagnosis and research.

Other Courses of Interest:

Diagnostic Radiography (Graduate Entry) 149
Veterinary Medicine (Graduate Entry) 178

LEARN MORE

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ucd.ie/medicine/contactus/
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I chose to study at UCD School of Medicine due to the unique nature of the Biomedical Health and Life Sciences (BHLS) course. The BHLS course offers a multi-disciplinary learning experience encompassing aspects of both Biomedical science and Medicine. I wanted to learn about the complexities of human health and disease from top-class researchers and doctors within UCD's state-of-the-art facilities. The BHLS course provides the skill set to bridge the gap between the clinical and research worlds providing better patient outcomes.

Claudia Lonergan, Graduate

BIOMEDICAL HEALTH & LIFE SCIENCES

BSc (Hons) (NFQ Level 8)

CAO Code: DN440

CAO Points Range 2022: **606-625**
Length of Course: **4 years**
Places: **40**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Health Screening
See page 198

Why is this course for me?

This course will appeal to those with a keen interest in science and in how research and technology can impact on human health. It is training scientists at the interface of science and medicine. You will learn how scientifically driven investigations can advance our knowledge of disease prevention, detection and treatment and translating these into clinical utility. The course will immerse you in modern medical and biological sciences and focus on the application of scientific developments. BHLS offers students a unique opportunity to complete a research project with a Principal Investigator in a biomedical research area that interests them and an opportunity to be involved in peer-reviewed publications. The small course size enables students from this course to form close friendships and strong connections for life. The flexible, modular structure of this degree allows you to specialise in the areas of investigative biomedical science that interest you, particularly in the later stages of the degree

What will I study?

First Year

You will take modules in:

Clinical Human Anatomy • Translational Research • Basic Tissues & Early Development • Genetics Cell Biology

You will also start to learn about translational research and the influence of science and medicine on society.

Second & Third Year

You will continue with modules in Cell Biology, Biochemistry, Pharmacology and Physiology. You will also start to integrate modules focusing on specific diseases and disease processes, in order to learn more about the development of new, more effective means of diagnosing, treating and preventing illness

Supporting modules include:

Biostatistics • Neuroscience • Laboratory Skills • Cardiac/Vascular Biology • Pharmacology/Biochemistry • Renal Biology • Bioinformatics Genetics & Proteomics • Mechanisms of Disease • Endocrine, Renal & Reproductive Pharmacology • Central Nervous System Diseases

Fourth Year

You will build skills in biomedical research through interactions and research rotations with international researchers in a range of disease areas. These are undertaken within the School of Medicine and its affiliated teaching hospitals.

The degree will develop your fundamental knowledge in the translation of scientific discovery into clinical utilisation.

You will take modules in:

Cloning, Gene Therapy & Stem Cells • Advanced Neurochemistry • Drug Discovery & Development • Clinical Biomarkers • Genetics, Disease & Behaviour

You will have the opportunity to be involved in peer-reviewed abstracts and publications, and to present at national and international meetings.

You will experience an innovative mix of learning methods including lectures, small group tutorials, research projects and laboratory-based learning.

Assessment methods include end-of-trimester exams, continuous assessment, report writing and oral presentations.

Career & Graduate Study Opportunities

The majority of graduates follow careers in biomedical research, undertaking MSc and PhD higher degrees. They also have a high success rate for entry to Graduate Entry Medicine programmes and pursue opportunities in the pharmaceutical and biotechnology industries, as well as other areas allied to health.

www.myucd.ie/bhls
UCD School of Medicine
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bhls@ucd.ie
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LEARN MORE

Other Courses of Interest:

RADIOGRAPHY

BSc (Hons) (NFQ Level 8)

Diagnostic radiography is a multifaceted career pathway that incorporates healthcare, technology, and science. Campus facilities include 3D virtual reality rooms, anatomy labs, and a fully functioning x-ray room. From 1st year, hands-on experience in hospitals meant I understood how we play a critical role in patients diagnostic and treatment pathways. I had opportunities to work with multidisciplinary teams, gain greater confidence, and expand my skill set. Radiography offers a diversified working life with no two days the same. This course blends theory, practice and patient orientated care, with ongoing technological advancements, incorporating problem-solving and developing a versatile skill set.

Jenitta Maria Jimmy, Student

CAO Code: DN410

CAO Points Range 2022: **555-625**
Length of Course: **4 years**
Places: **98**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Health Screening & Garda Vetting
See page 198

Accredited By:

CORU
Ag Rialáil Gairmithe Sláinte agus Cúraim Shóisialaigh
Regulating Health + Social Care Professionals

Why is this course for me?

Radiographers are responsible for producing high-quality images to assist in the diagnosis and treatment of disease. While radiography is a caring profession, it is also one that requires considerable technological and scientific expertise in both the production of images and the responsible delivery of ionising radiation. If you are interested in science and you want to use your knowledge to care for people, Radiography at UCD may be a perfect fit for you.

Our aim is to prepare graduate radiographers to meet the everyday challenges arising from ongoing advances in diagnostic imaging and healthcare.

What will I study?

UCD is one of Europe's leading centres of excellence for radiography and diagnostic imaging. You will follow an innovative curriculum that is constantly evolving to meet the needs of modern healthcare.
The course is delivered in a state-of-the-art, interdisciplinary environment by expert staff from within the school and throughout our nationwide clinical training network.

First Year

Anatomy • Practice of Radiography • Technology of Radiography • Clinical Placement • Elective Modules

Second Year

Human Anatomy • Physiology • Practice of Radiography • Technology: RIS/PACS • Image Interpretation • Clinical Placement • Advanced Practice of Radiography • Radiation Protection • Elective Modules

Third Year

Computed Tomography • Ultrasound • Introduction to Research • Mechanisms of Disease • Paediatrics • Clinical Placement • Cross Sectional Anatomy • Interventional Radiology • Elective Module

Fourth Year

Professional Completion • Legal Medicine • Magnetic Resonance Imaging • Nuclear Medicine • Research or Current Issues in Healthcare: Breast Imaging • Systematic Pathology • Erasmus opportunities • Clinical placement

Learning methods include lectures, small group tutorials, interactive demonstrations, virtual reality simulation and hands-on clinical learning at UCD and our nationwide hospital network.

Assessment methods include practical skills-based exams, image-based assessments, continuous assessment, report writing and oral presentations.

Students will engage in both individual and group assessments to foster team skills required for professional working.

Professional Work Experience

The handling of radiographic equipment will first be practiced in UCD's own imaging facilities, before you progress to performing examinations on patients. Teaching hospitals also participate in your training and you will work alongside radiography colleagues to learn and refine your professional skills. You will undertake in excess of 1,200 hours of hospital-based training over the course of the degree course in some of our 23 clinical training centres across Ireland.

International Study Opportunities

You may apply to undertake a three-month Erasmus exchange with one of our partner institutions in Europe (including in Austria. Belgium, Finland, Greece, the Netherlands, Norway, Malta, Portugal, Slovenia and Sweden). Further elective opportunities, including to the USA, are available at various stages during the course.

Career & Graduate Study Opportunities

Diagnostic imaging is a growth area in Ireland and internationally. All graduates in the past five years have obtained employment as radiographers. As well as the traditional hospital-based career, some radiographers are employed as applications or sales specialists.

An increasing number of graduates are now undertaking PhD studies. Diagnostic imaging offers successful graduates exciting opportunities to pursue research and/or to develop specialist clinical skills.

Other Courses of Interest:

Medicine 145
Physiotherapy 155

LEARN MORE

www.myucd.ie/radiography
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UCD is a leading centre of excellence for Radiography. This made my decision to study here very easy. The course is challenging but certainly manageable. The lecturers are approachable, supportive and are always willing to help with any areas that you may find challenging. Clinical placement has provided opportunities to apply the theory learned in class into practice, while developing the skills and clinical competencies required for full professional accreditation. Overall, the course is rewarding and I am excited to continue developing my skills to become a highly competent practitioner who can make a real contribution to healthcare services.

Emily Geraghty, Graduate

DIAGNOSTIC RADIOGRAPHY (GRADUATE ENTRY)

BSc (Hons) (NFQ Level 8)

CAO Code: DN411

Length of Course: **2.5 years**
Places: **19**

General Entry Requirements
See www.myucd.ie/rge

Health Screening & Garda Vetting
See page 198

Fees
Please refer to: www.ucd.ie/fees

Accredited By:

CORU
Ag Rialáil Gairmithe Sláinte agus Cúraim Shóisialaigh
Regulating Health + Social Care Professionals

Why is this course for me?

This accelerated Radiography training course has been developed to allow graduates from a wide variety of academic backgrounds to study with us. The content of this programme has been developed with respect to national requirements for radiography training as published by CORU, the Health and Social Care Professions Regulator, and by the Irish Institute of Radiography and Radiation Therapy (IIRT). As such, the programme supports robust learning of the underpinning core sciences and facilitates knowledge and skills development across the spectrum of radiographic and imaging techniques.

Students will be taught by our dedicated team of over 25 lecturers and clinical training is enhanced by the inclusion of our new state-of-the-art virtual reality training equipment and X-ray suite facilities on the UCD campus.

What will I study?

Throughout this course you will undertake modules in Technology of Radiography, Practice of Radiography and Clinical Practice of Radiography. You will progressively build upon core concepts and learn to apply knowledge to inform clinical decision-making.

First Year

Human Anatomy • Physiology • Practice of Radiography • Technology of Radiography • Radiology IT Systems • Evidence-based Practice • Clinical Placement

Second Year

Radiation Protection • Paediatric Radiography • Computed Tomography • Ultrasound • Magnetic Resonance Imaging • Nuclear Medicine • Mechanisms of Disease • Image Interpretation • Mechanisms of Disease • Interventional Radiology • Advanced Practice of Radiography • Clinical Placement

Third Year (one trimester)

Systematic Pathology • Professional Completion • Legal Medicine • Clinical Placement

Learning methods include lectures, small group tutorials, interactive demonstrations, hands-on clinical learning at UCD and across our clinical network, together with enquiry-based learning in the classroom and in clinical imaging departments.

Assessment methods include practical skills-based exams, image-based assessments, continuous assessment, report writing, oral presentations, and written examinations. Students will engage in both individual and group-based assessment activities to foster team skills required for professional working.

Professional Work Experience

Radiography practice will first be demonstrated in UCD's own imaging facilities, before you progress to performing examinations on patients. Teaching hospitals also actively contribute to your training and professional development and you will work alongside radiography colleagues to learn and refine your professional skills and clinical decision-making. Early clinical exposure during the second trimester will help ensure that you are professionally- and patient-focused early in your studies. You will undertake 1,200 hours of hospital-based training over the course of the programme, some of which takes place during the summer periods.

International Study Opportunities

There will be the possibility for students to undertake international elective opportunities at various stages during the programme.

Career & Graduate Study Opportunities

Diagnostic imaging is a growth area in Ireland and internationally. Over the past five years, all graduates of this programme have obtained employment as radiographers. As well as the traditional hospital-based career, some radiographers are employed as imaging equipment applications or sales specialists.

An increasing number of graduates are now undertaking PhD studies. Diagnostic imaging offers successful graduates exciting opportunities to pursue research and/or to develop specialist clinical skills in their chosen area(s) of imaging.

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LEARN MORE

Other Courses of Interest:

Medicine 145
Physiotherapy 155

STUDYING UCD NURSING OR MIDWIFERY

YEAR 1 — Engage with the principles

Biological Sciences CORE SUBJECT	Social Sciences CORE SUBJECT	Behavioural Sciences CORE SUBJECT
Nursing or Midwifery Science	Practice Placement — Hospital & Community	

YEARS 2 & 3 — Develop your knowledge & skills for clinical practice

Biological Sciences CORE SUBJECT	Social Sciences CORE SUBJECT	Behavioural Sciences CORE SUBJECT
Optional International Study Abroad (9 weeks)		
Nursing or Midwifery Science		
Practice Placement — Specialist, Hospital & Community Placements		

YEAR 4 — Prepare for professional practice

Nursing or Midwifery Science
Practice Placement — Hospital Placement Including 36-Week Internship

BSc Nursing/Midwifery (Honours)

Higher Diploma

- Children's Nursing
- Midwifery
- Mental Health

Specialise through UCD graduate study

Taught Graduate Programmes

- Professional Certificates
- Graduate Certificates
- Graduate Diplomas
- MSc (Nursing)
- MSc (Midwifery)

Taught Graduate Programmes

- MSc (Research)
- Doctor of Philosophy (PhD)

Registered General Nurse (RGN)

Registered Midwife (RM)

Registered Psychiatric Nurse (RPN)

Registered Childrens Nurse (RCN)

Shape your career with UCD Nursing or Midwifery

Career Opportunities

- Clinical Nurse/Midwife Specialist
- Clinical Nurse/Midwife Manager
- Nurse/Midwife Educator
- Advanced Nurse/Midwife Practitioner
- Researcher
- Lecturer

Continue to develop your professional career with UCD

I really enjoy the mix of practical and theoretical studies that comes with choosing nursing. I found the labs from first to fourth year created a positive active learning experience to practice and hone our clinical skills before trying to apply them to the real hospital scenario. The early placements also give you an insight into the hospital workings and its routines which I found as a great advantage so early in my studies. I think nursing is a brilliant option for anyone interested in the medical field and UCD has great support and amenities to help develop those skills and interests.

Emlyn Williams, Student

NURSING (GENERAL)

BSc (Hons) (NFQ Level 8)

CAO Code: DN450

CAO Points Range 2022: **424-555**
Length of Course: **4 years**
Places: **164**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- Applicants who have previously failed to meet programme requirements in any Nursing or Midwifery programme or have any issues that would affect their registration with the Nursing and Midwifery Board of Ireland will not normally be eligible

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Health Screening & Garda Vetting
See page 198

Why is this course for me?

Do you have good communication skills and have an analytical, problem-solving mind? Are you caring, empathetic and a team player? If so, the BSc. in General Nursing in UCD is the ideal career choice for you. Our innovative degree course is taught by experienced lecturers in a friendly and supportive environment with state-of-the art facilities. It prepares you to become a Registered General Nurse who can work collaboratively to successfully manage the complex healthcare needs of the adult population.

What will I study?*

You will study the theory and practice of nursing in a fully integrated way, establishing a strong foundation for your future career. Your lectures, workshops, clinical skills laboratories, and tutorials are delivered on our Belfield campus. Practice placements will enhance your learning and consolidate your knowledge and develop your nursing skills. Modules include:

First Year

Academic Writing and Reading in Nursing and Midwifery • Foundations of Nursing • Scientific Principles for HealthCare • Psychology and Communication • Practice placement in a hospital setting for approximately 11 weeks

Second & Third Year

Medical-Surgical Nursing Care • Pharmacology • Aging & Health • Ethical & Legal Context for Practice • Patient Safety and Microbiology • Population Health, Diversity & Research • Core and Specialist Practice Placement such as Intensive Care and Maternity Care

Fourth Year

Preparing for Internship • Health, Psychology & Sociology • Leadership & Management • Evidence-Based Practice in Healthcare • Nursing Complex Needs • Practice Placement and Clinical Internship which runs over 36 weeks

Assessment is through a combination of end-of-trimester exams and continuous assessment, including assessment of performance on practice placements.

Professional Clinical Experience

Professional Clinical Experience Practice Placements, which form a significant part of the course are completed primarily in the St. Vincent's Healthcare Group or the Mater Misericordiae University Hospital, and in numerous other clinical sites throughout the Ireland East Hospital Group (IEHG). The practice placement locations are centres of excellence, where you will work with multidisciplinary teams to provide high quality, patient-centred care. Students can be placed in any IEHG site on one or multiple occasions during their programme to enable them to achieve the necessary clinical learning outcomes.

International Study Opportunities

In second year, you have the opportunity to study in Europe for a trimester. See **www.ucd.ie/nmhs/courses/international/erasmusexchange**.

Career & Graduate Study Opportunities

Completing this degree qualifies you as a Registered General Nurse. You can work in acute and chronic care in a variety of settings. There are also career prospects for nurses to work in education, research or management, as well as excellent opportunities to build on your experience through work abroad.

In addition, you can pursue further studies at higher diploma, graduate diploma, Masters and doctorate level.

*Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.

www.myucd.ie/nursing-general
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LEARN MORE

Other Courses of Interest:

Medicine	145
Nursing (Children's & General)	152
Nursing (Mental Health)	153
Midwifery	154

NURSING (CHILDREN'S & GENERAL)

BSc (Hons) (NFQ Level 8)

I was delighted to be accepted into the course as a mature student. UCD has a great community feeling within the large campus. I found the course very well blended with children's and adult components. It gave me a great insight into role of a nurse both academically and through in-hospital clinical placements. UCD staff are progressive in their learning and encourage their students to put forward research presentations and to attend research symposiums to present their work. I was grateful to speak at two of these and this gave me a well-rounded exposure to various pathways upon graduation. I am excited for what the future offers as the past 4.5 years have been brilliant.

John Hutchings, Mature Student

CAO Code: DN451

CAO Points Range 2022: **528-613**
Length of Course: **4.5 years**
Places: **42**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- Applicants who have previously failed to meet programme requirements in any Nursing or Midwifery programme or have any issues that would affect their registration with the Nursing and Midwifery Board of Ireland will not normally be eligible

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Health Screening & Garda Vetting
See page 198

Why is this course for me?

Are you drawn towards caring for children and adults, and making a difference to their lives while they're ill? Are you interested in promoting health and wellbeing? Are you caring, compassionate, resilient, reliable, a good communicator and enjoy working within a team? Do you have an analytical, problem-solving mind? If so, Children's and General Nursing is the ideal career choice for you. This course provides you with transferable skills that will support your personal growth and professional development.

What will I study?*

You will undertake modules of theory delivered through lectures, workshops and tutorials in our state-of-the art facilities on Belfield campus. Our innovative degree course is taught by experienced lecturers in a friendly and supportive environment. It prepares you to become a professional nurse who can competently manage the complex healthcare needs of the adult and child population both nationally and internationally.

Modules include:

First Year

Scholarship of Enquiry • Scientific Principles • Foundations of Nursing • Psychology • Interpersonal Skills • Practice experience in a hospital setting for approximately 11 weeks

Second & Third Year

Caring for Children & Adults with Medical/ Surgical Problems • Pharmacology • Applied Social Science • Patient Safety & Microbiology • Core and Specialist Practice Placements include Maternity Care and Care for People with an Intellectual Disability

Fourth Year

Health & Well-being – A Sociological Context for Nursing • Leadership, Management & Quality Improvement • Preparation for Professional Role • Practice Placement/ Internship

Assessment is through a combination of end-of-trimester exams and continuous assessment, including assessment of performance on practice placements.

Professional Work Experience

The majority of practice learning takes place in our affiliated partner hospitals, all of which are national specialist centres of clinical excellence: Children's Health Ireland (CHI)*, the Mater Misericordiae University Hospital and St Vincent's Healthcare Group. Students may be placed in any IEHG site on one or multiple occasions during their course to enable them to achieve the necessary clinical learning outcomes.

*During practice placements, students may be placed in any of the Children's Health Ireland (CHI) Group Hospitals which include: CHI at Crumlin, CHI at Temple St, CHI at Tallaght, CHI at Connolly and once it is opened, the new Children's Hospital.

International Study Opportunities

You may have the opportunity to study in a choice of European locations for a trimester in Stage 2. See **www.ucd.ie/nmhs/courses/international/erasmusexchange/**

Career & Graduate Study Opportunities

Completing this degree qualifies you as both a Registered General Nurse and a Registered Children's Nurse. Your future professional role can extend beyond clinical practice to encompass education, research and management. There are also excellent work and travel opportunities in Ireland and throughout Europe, North America, Australia and New Zealand. Your continuing professional education may also include studies at higher diploma, graduate diploma, Masters and PhD level.

*Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.

Other Courses of Interest:

Medicine	145
Nursing (General)	151
Nursing (Mental Health)	153
Midwifery	154

LEARN MORE

www.myucd.ie/ncg
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I am currently in my final year of Mental health Nursing and I am grateful to have found such a challenging yet rewarding career path. This course integrates both theoretical and practical aspects of mental health nursing through classroom learning and hands-on practice placements. Over the course of my four years I have had many opportunities to gain experiences in all the different aspects of mental health care and have been supported in my learning throughout. Overall, I believe this course has opened my eyes and has provided me with great perspectives on mental health care. I would highly recommend this course to any hard-working individual who is passionate about mental health, the opportunity to provide positive changes in people's lives is a truly rewarding experience!

Faye Garner, Student

NURSING (MENTAL HEALTH)

BSc (Hons) (NFQ Level 8)

CAO Code: DN453

CAO Points Range 2022: **419-546**
Length of Course: **4 years**
Places: **26**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- Applicants who have previously failed to meet programme requirements in any Nursing or Midwifery programme or have any issues that would affect their registration with the Nursing and Midwifery Board of Ireland will not normally be eligible

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Health Screening & Garda Vetting
See page 198

Why is this course for me?

If you want to care for the psychological, social, physical, emotional and spiritual well-being of others, becoming a mental health nurse is the first step towards a highly rewarding career.

This exciting degree prepares you to meet the mental health needs of adults and their families in the 21st century.

You will study in university and across a wide range of mental health services. Most importantly, you will learn from those who are experts by experience: people living with or who have experienced mental health difficulties. You will develop the skills to engage with those suffering mental distress or illness, as well as their families, in a positive and collaborative way, empowering them to cope and recover.

What will I study?*

You will study a diverse range of subjects related to understanding yourself and others emotionally, psychologically, physically, spiritually and socially. You will learn how to communicate in a therapeutic way and to support and assist people to self-manage their recovery. Modules include:

First Year

Academic Reading & Writing • Foundations in Mental Health Nursing A & B • Scientific Principles 1 & 2 • Introduction to Psychology & Communication • Practice Placement - this will provide 11 weeks experience in two mental health services.

Second & Third Year

Mental Health Across The Lifespan • Specialist Care Groups • Pharmacology • Patient Safety & Microbiology • Health Promotion • Aging & Health • Therapeutic Interventions 1 • Acute Mental Illness • Practice Placement (Specialist & Core Mental Health)

Further practice placements will also occur each year.

Fourth Year

Therapeutic Interventions 2 • Collaborative Nursing Practice for Mental Health • Leadership & Management • Evidence Based Practice • Health Psychology and Sociology • Internship Practice Placements

Practice Placement/Internship - You will have a 4 week placement in the Autumn trimester to prepare for internship. Internship takes place over 36 weeks and comprises of 4 core mental health placements.

Assessment for the course is through a combination of end of trimester exams and continuous assessment. Practice placements are assessed using the National Competence Assessment Document, in line with the Nursing and Midwifery Board of Ireland's Standards and Requirements.

Professional Clinical Experience

Practice placements, which form a significant part of the course are completed across a number of sites throughout the partner hospital, e.g. St. John of God Hospital or CHEast, in other Dublin and Wicklow based Health Service sites and in the IEHG. Students may be placed in any IEHG site on one or multiple occasions during their course to enable them to achieve the necessary clinical learning outcomes.

International Study Opportunities

In second year, you have the opportunity to study in Europe for a trimester. See **www.ucd.ie/nmhs/courses/international/erasmusexchange/**

Career & Graduate Study Opportunities

Successful completion of this degree course qualifies you as a Registered Psychiatric Nurse. Upon registration, you can work in acute and community settings further developing your knowledge and expertise. Future professional career opportunities extend to management, clinical specialization, research and education. In addition, you can pursue further education at postgraduate, Masters and PhD level.

*Please Note: Curriculum may be subject to change in line with NMBI Midwifery Registration Programmes Standards and Requirements.

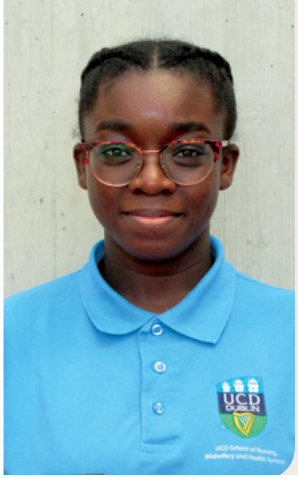
www.myucd.ie/nmh
UCD Nursing, Midwifery and Health Systems School Office.
+353 1 716 6407/6569
www.ucd.ie/nmhs/contactus/
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

MIDWIFERY

BSc (Hons) (NFQ Level 8)



Whilst studying this course, I have learned what it truly means to be a midwife. I have been given the opportunity to be a support to so many families during their pregnancy, labour and postnatal periods in clinical placements all around Ireland, which is honestly a gift! We are lucky to have clinical skills facilities here in UCD to hone our skills, as well as passionate lecturers that make sure we become the best versions of ourselves. I am really enjoying this course so far and I would 100% recommend the UCD BSc Midwifery course to anyone.

Joy Adekanmbi Baka, Student

CAO Code: DN452

CAO Points Range 2022: **518-579**
Length of Course: **4 years**
Places: **21**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- Applicants who have previously failed to meet programme requirements in any Nursing or Midwifery programme or have any issues that would affect their registration with the Nursing and Midwifery Board of Ireland will not normally be eligible

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Health Screening & Garda Vetting
See page 198

Why is this course for me?

From the moment a woman becomes pregnant, it's the start of a journey leading to one of life's greatest miracles: the birth of a baby. The term "midwife" means "with woman". Midwifery is a wonderful profession and if you are interested in working with women, their newborn babies and their families during pregnancy and childbirth, then midwifery is the career choice for you. The focus and philosophy of midwifery in UCD is the promotion of women-centred care.

What will I study?*

The initial focus is on the foundational knowledge and skills required for midwifery practice. Each year, these will be developed and strengthened through theory and practice. In your final year, you will also focus on professional issues. Modules include:

First Year

Essence of Midwifery Practice • Scholarship of Enquiry • Anatomy, Sciences & Physiology • Psychology Related to the Profession of Midwifery • Communication & Interpersonal Skills • Practice experience in a hospital setting for 11 weeks

Second & Third Year

Midwifery Practice during Normal Pregnancy & Childbirth • Complexities in Pregnancy & Childbirth • Complexities of the Newborn • Pharmacology • Patient Safety • Ethical & Legal Aspects of Midwifery Practice • Practice Placement

Fourth Year

Research, Leadership & Management • Obstetric Emergencies • Enhancing Knowledge & Clinical Skills for Midwifery Practice • Practice Placement/Internship

Assessment is through a combination of end-of-trimester exams and continuous assessment, including assessment of performance on practice placements.

Professional Work Experience

Practice Placements, which form a significant part of the course, are completed across a number of sites throughout the Ireland East Hospital Group (IEHG). You will attend practice placements in the internationally renowned National Maternity Hospital (NMH) and a linked maternity unit in the IEHG e.g. in Wexford General, Regional Hospital Mullingar and St Luke's General Hospital, Kilkenny. Students will be placed in any IEHG site on one or multiple occasions during their course to enable them to achieve the necessary clinical learning outcomes.

Career & Graduate Study Opportunities

Successful completion of your degree entitles you to register as a Registered Midwife (RM)‡ with The Nursing and Midwifery Board of Ireland (NMBI). On registration, numerous career opportunities are available to you in both hospital and community settings in Ireland and abroad, including Europe, Australia and New Zealand. You can also pursue further specialist qualifications through graduate diplomas, and Masters and PhD degrees.

‡Registration in Ireland does not automatically provide a licence to practise abroad.

*Please Note: Curriculum may be subject to change in line with NMBI Midwifery Registration Programmes Standards and Requirements.

Other Courses of Interest:

LEARN MORE

www.myucd.ie/midwifery
UCD Nursing, Midwifery and Health Systems School Office.
+353 1 716 6407/6569
www.ucd.ie/nmhs/contactus/
Instagram/Facebook/Twitter: @MyUCD

I chose the UCD Physiotherapy course because of my passion for sport and helping people. This course has nurtured these passions, allowing me to learn from expert lecturers with years of experience in different fields. The course is comprehensive and I have particularly enjoyed the practical aspect, where we get to apply what we have learned in lectures. The clinical placements have also given me great exposure to healthcare settings and have allowed me to use my skills in real life scenarios. Although I came into UCD thinking about a career in sport, this course has sparked an interest in other areas of physiotherapy and left my options wide open for my future career. I highly recommend the UCD Physiotherapy course to anyone thinking about a career in healthcare or sport.
Fintan Ryan, Student

PHYSIOTHERAPY

BSc (Hons) (NFQ Level 8)

CAO Code: DN420

CAO Points Range 2022: **600-625**
Length of Course: **4 years**
Places: **56**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Graduate Entry Route
See www.myucd.ie/applying-to-ucd/physiogradentry

Health Screening & Garda Vetting
See page 198

Why is this course for me?

Physiotherapists are healthcare professionals responsible for developing, maintaining and restoring movement and functional ability in adults and children using evidence-based practice. Studying Physiotherapy in UCD will provide you with the skills and qualifications required to practice as a physiotherapist upon graduation. With state-of-the-art facilities and globally recognised researchers as lecturers, you will learn in a culture of established academic excellence. If you enjoy working with people and would like to have a career in which you will relieve pain and treat or prevent physical conditions associated with injury, disease or other impairments, this course may be for you.

What will I study?

Physiotherapy students have, on average, a 35-hour week. In first and second year, you will spend your time attending lectures and practical classes.

In third and fourth year, the focus is on clinical education and advanced physiotherapy skills.

Your modules will progress from the basic and applied sciences in first year, to clinical skills in second and third year, and preparation for professional practice in fourth year. Modules include:

First Year

Anatomy • Physiology • Physics • Biomechanics • Introduction to Professional Physiotherapy Practice • Exercise Science • Elective Modules

Second Year

Basic Musculoskeletal, Cardiorespiratory & Neurological Physiotherapy • Psychology • Professional Practice • Exercise Science • Physiotherapy Clinical Education • Elective Modules

Third Year

Intermediate Musculoskeletal, Cardiorespiratory & Neurological Physiotherapy • Clinical Exercise • Physiotherapy Clinical Education • Sociology

Fourth Year

Professional Physiotherapy Practice • Physiotherapy in the Clinical Specialties • Sports Physiotherapy • Physiotherapy Clinical Education • Pharmacology • Legal Medicine • Physiotherapy Research • Elective Modules

A wide variety of assessment methods is used, including continuous assessment, reflective writing, practical examinations, oral examinations, presentations and end-of-trimester written papers.

Professional Work Experience

You will complete over 1,000 hours of supervised clinical placements in Ireland, at our partner teaching hospitals, primary care clinics and specialist centres.
There are elective placements in fourth year (see International Study Opportunities below).

International Study Opportunities

These currently include Erasmus programme opportunities in third year with Université Catholique de Louvain, Belgium, as well as elective placement opportunities in fourth year in Europe, Africa, Asia and India.

Career & Graduate Study Opportunities

Graduates in Physiotherapy have found employment in different roles across the world, in:

- Hospitals and private practice
- Primary care
- Rehabilitation centres and nursing homes
- Non-governmental organisations (e.g. GOAL, Concern)
- Education
- Business, sport and leisure industries

Graduates can also apply for a range of disciplinary and general graduate taught (graduate certificate, diploma and MSc) and research (MSc and PhD) programmes in Ireland and abroad.

Key Fact

The full-time UCD BSc Physiotherapy degree course is approved by CORU, the State Health and Social Care Regulator.

On successful completion of the programme, graduates are eligible for registration with CORU.

www.myucd.ie/physiotherapy
UCD School of Public Health, Physiotherapy and Sports Science
physio.therapy@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Other Courses of Interest:

Medicine	145
Biomedical Health & Life Sciences	147
Nursing (General)	152
Health & Performance Science	156
Sport & Exercise Management	157

HEALTH & PERFORMANCE SCIENCE

BSc (Hons) (NFQ Level 8)

I chose to study Heath & Performance Science as I had a keen interest in working in athletic development and sports science. During the course, I learned about human physiology, athletic development, nutrition, and athlete psychology. The core aspects of the course such as individual and group work, critical thinking, and applied case study investigation, along with the support from mentors and lecturers, gave me the skills to positively transfer my knowledge into real life sporting environments. I secured a full-time intern position in Athletic Performance which I will be starting at the end of my BSc. I would highly recommend this course to anyone interested in athlete development or sport performance.

Orla Hayes, Student

CAO Code: DN425

CAO Points Range 2022: **543-601**
Length of Course: **3 years**
Places: **46**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects.

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Why is this course for me?

This course is suitable for you if you have a strong interest in sport and exercise science and wish to pursue a career in high performance sport, a clinical profession (e.g. physiotherapy, dietetics, medicine) and/or scientific research in sport and health sciences. Led by top industry professionals in state-of-the-art facilities, you will study the scientific principles underlying the promotion and enhancement of sport, physical health and exercise across the lifespan.

What will I study?

You will study a range of both practical and theoretical modules designed to equip you with the knowledge, skills and attitude to work in the fields of exercise science, health sciences and/or sports performance. Practical modules include biomechanics, exercise physiology, nutrition, and strength and conditioning. Theoretical modules include anatomy, biomechanics, nutrition, physiology and psychology of sport and health.

Students attend lectures and small group practical classes. Practical classes take place in both the UCD High Performance Gym and an exercise physiology laboratory, which is British Association of Sport and Exercise Sciences (BASES) accredited.

Modules studied on the Health & Performance Science degree include:

First Year

Anatomy • Health & Fitness • Biochemistry • Physics • Exercise Physiology • Theory of Coaching • Strength & Conditioning

Second Year

Laboratory Skills • Sports Psychology • Biomechanics • Research Methods • Exercise Prescription • Sports Nutrition

Third Year

Behaviour Change • Sports Injury Management • Skill Acquisition • Statistics • Practical Case Study • Molecular Exercise Science • Research Thesis

Assessment is through a combination of end-of-trimester written examinations and continuous assessment. In your final year, you will also undertake a group-based research thesis.

International Study Opportunities

Health & Performance Science students can apply to study abroad for a trimester in the USA, Australia or New Zealand, through one of the Sport & Exercise exchange agreements.

Career & Graduate Study Opportunities

When you graduate, you will be skilled in the prescription and management of therapeutic exercise interventions in healthcare and sporting settings. You will also be an expert in the analysis and evaluation of human sports and exercise performance. Graduates of the course work in a variety of settings, including:

- Sport and exercise consultancy
- Health promotion
- Professional athlete or team support
- Exercise physiology
- Strength and conditioning
- Education and research

Graduates are also eligible to apply for MSc and PhD programmes in the UCD School of Public Health, Physiotherapy & Sports Science.

Other Courses of Interest:

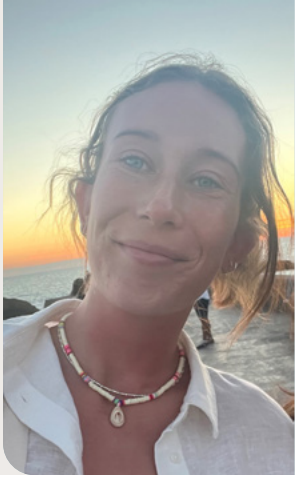
Biomedical Health & Life Sciences 147
Physiotherapy 155
Sport & Exercise Management 157

LEARN MORE

www.myucd.ie/haps
UCD School of Public Health, Physiotherapy and Sports Science
performance.science@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I have always had a personal interest in sport and desire to learn more about the business of sport. The extensive range of modules ensures students receive a complete understanding of the sports industry. I particularly enjoyed the 10-week placement in a sports organisation which provided me with the perfect opportunity to gain my first experience working in the sports industry. I am a member of the Irish Women's Cricket team and had numerous tours and competitions to juggle alongside completing this degree. The staff and lecturers were always extremely helpful and accommodating in ensuring I kept up to date with course lectures and content. I would definitely recommend this course.

Orla Prendergast, Student



SPORT & EXERCISE MANAGEMENT

BSc (Hons) (NFQ Level 8)

CAO Code: DN430

CAO Points Range 2022: **473-589**
Length of Course: **3 years**
Places: **44**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Health Screening & Garda Vetting
See page 198

Why is this course for me?

The multidisciplinary nature of the BSc in Sport & Exercise Management will equip you with skills in areas such as management, marketing, event planning, human resources, economics and finance, sports development and coaching. These underpin the structure and governance of sport, health and exercise programmes today. If these opportunities interest you, the combination of UCD's internationally recognised academic excellence and sporting reputation makes this degree ideal.

What will I study?

You will study several management subjects and techniques over the course of three years, designed to provide you with the skills to work within a wide range of sports management areas. You will learn basic principles in first year which will be refined and developed in second and third year.

Students spend an average of 40 hours per week attending lectures, studying independently and preparing for assessment.

Modules studied in the Sport & Exercise Management Degree include:

First Year: Learn Basic Principles

Sports Management • Theory of Coaching • Legislation • Marketing • Sports Mega Events • Sociology of Sport

Second Year: Apply Knowledge

Event Management • Economics • Psychology • Strategic Planning

Work Placement

All students undertake a 10-week structured work placement, either in Ireland or abroad, during the summer following second year. This provides invaluable practical and networking experience, which will improve your employment prospects upon graduation.

Third Year: Develop Experience

Enterprise & Development • Sports Media, Communications & Sponsorship • Sport & International Development

Students also undertake an individual research project, which imparts critical skills in project design and management, in response to current issues within the broader sports industry.

A combination of end-of-trimester exams, research papers, group projects, presentations, practical experiences and in-class tests are used throughout this course.

International Study Opportunities

Sport & Exercise Management students can apply to study abroad for a trimester in the USA, Canada, Australia or New Zealand, through one of the Sport & Exercise exchange agreements.

Career & Graduate Study Opportunities

Our graduates have a track record of employment, both nationally and internationally, in:

- Sports administration
- Sports marketing
- Event management
- Exercise management
- Private sports enterprises
- Sports development
- Coaching development

Graduates are also eligible to apply for MSc and PhD programmes in the UCD School of Public Health, Physiotherapy and Sports Science.

www.myucd.ie/sem
UCD School of Public Health, Physiotherapy and Sports Science
sport.management@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Social Policy & Sociology	77
Commerce	84
Physiotherapy	155
Health & Performance Science	156

AGRICULTURE, FOOD & NUTRITION

Our focus at the UCD School of Agriculture and Food Science is to develop the next generation of agriculture, forestry, horticulture, food and human nutrition leaders. Our graduates have an excellent record in obtaining challenging and fulfilling employment in a variety of sectors.Our programmes cover a wide variety of different subjects offering a broad choice of lifestyle and career paths. Graduates from the School have gone on to hold a variety of leadership positions as diverse as Member of the European Parliament (MEP), Chief Executive Officer of Bord Bia, Director of Teagasc, Chief Inspector in the Department of Agriculture, Food and the Marine and CEO of the Irish Agri-Food Regulator.

Why UCD Agriculture, Food & Nutrition?

The UCD School of Agriculture and Food Science is ranked number one in Ireland and is placed 24th globally and 6th in Europe, based on the latest U.S. News & World Report subject rankings for the study of agricultural sciences. The unique courses in UCD span the entire food chain, providing a diverse range of career opportunities in Ireland and internationally.

Students will be exposed to the latest scientific discoveries and knowledge that underpins each of our four-year honours degree courses. The modular and innovative syllabus includes Professional Work Experience (PWE) and international study abroad opportunities. The courses develop highly sought-after graduates with innovation, entrepreneurship, critical thinking and problem-solving skills.

Studying Agricultural Science (DN250)

The UCD Agricultural Science programme offers 11 unique areas of specialisation. All have a similar first year, designed to give you a strong foundation in the core sciences, mathematics and economics needed for the rest of your studies. Areas of specialisation include:

- Agri-Environmental Sciences
- Agricultural Systems Technology
- Animal & Crop Production
- Animal Science
- Animal Science – Equine
- Crop Science
- Dairy Business
- Food & Agribusiness Management
- Food Business with Chinese Studies
- Forestry
- Horticulture

Overall, there are 250 places in Agricultural Science DN250. The average number of students taking each specialisation is shown on the relevant page.

Find out more:
UCD Agriculture, Food & Nutrition Virtual Tour

@MyUCD

No Preference

If you are interested in studying Agricultural Science but are not certain of the area which you would like to specialise in, you can select the 'No Preference (NPF)' option on your CAO form. Then, during your first year at UCD, you can choose your area of specialisation. Once you receive an offer on the Agricultural Science programme (DN250) you will be guaranteed a place in any of the 11 specialisations from second year.

Alternatively, if you know which of the 11 programmes you would like to study in, you can select this on your CAO application.

During first year, students will also have an opportunity to take one or more introductory modules from any of our courses, providing you with an insight into the subsequent stages of each available degree. This is particularly beneficial for students who are interested in Agricultural Science but are not yet clear on their area of specialisation.

Studying Food Science (DN261)

Food Science develops your scientific knowledge and practial skills of how to produce high quality, safe and nutritious foods for the global market. The UCD Food Science course is internationally accredited by the Institute of Food Technologists.

Studying Human Nutrition (DN262)

Internationally accredited by the Association for Nutrition, this degree covers the nutritional sciences from biochemistry to molecular and public health nutrition, and also includes topics such as nutrition communication and food regulatory affairs.

Professional Work Experience (PWE) & International Study Opportunities

PWE is an integral part of our degrees and takes place in third year. Part, or all, of PWE can be taken abroad. PWE provides an opportunity for you to network, experience many different roles and, in some instances, even secure a job prior to graduation.

Career & Graduate Study Opportunities

Our graduates have an excellent record in obtaining challenging and fulfilling employment in a variety of sectors in food, agriculture, forestry, horticulture, health, business and services. You will develop professional skills for enterprise management, technical service and consultancy, management, research, education, marketing, communications and primary production of quality food, non-food (amenity plants) and fibre products.

You can also pursue a wide range of graduate studies by research or examination (Masters and PhD).

STUDYING UCD AGRICULTURAL SCIENCE

YEAR 1 — Engage with the principles

Animal Biology and Evolution	Introduction to Chemistry	Mathematics for Agriculture	Physics for Agricultural Science
Cell and Plant Biology	Introduction to Biomolecules	Information Skills	Introduction to Agricultural Economics and Business

YEARS 2, 3 & 4 — Follow your pathway*

- Agri-Environmental Sciences
- Agricultural Systems Technology
- Animal & Crop Production
- Animal Science
- Animal Science – Equine
- Crop Science
- Dairy Business
- Food & Agribusiness Management
- Food Business with Chinese Studies
- Forestry
- Horticulture

Professional Work Experience (PWE)

Optional Study Abroad

Subject Specific Modules

BAgrSc (Honours)

Specialise through UCD graduate study

Taught & Research Masters of Science (MSc)

- Agricultural Extension & Innovation
- Animal Science
- Environmental Resource Management
- Food Business Strategy
- Food, Nutrition & Health
- Food Safety
- Horticulture
- Humanitarian Action
- Sustainable Agriculture & Rural Development
- Sustainable Food Processing
- Wildlife Conservation & Management

Doctor of Philosophy (PhD)

Research & Academia

Shape your career with UCD Agriculture, Food & Nutrition

- Nutritionist
- Teacher
- Accountant
- Farm Manager
- Horticulturist
- Geneticist
- Marketing Manager
- Journalist
- Business Manager
- Technical Sales Manager
- Communications Manager
- Banker, Stockbroker
- Food Safety Inspector
- Quality Assurance Officer
- Agricultural Consultant
- Agricultural Inspector
- Data Analyst
- Agri-Environmental Consultant
- Technical Engineer
- Policy Analyst
- Production Manager
- Food Technologist
- Microbiologist
- Sustainability Consultant
- Scientist
- Researcher
- Principal Investigator
- Lecturer
- Professor
- Government Official
- Development Officer
- Project Manager
- County Heritage Officer
- Forester

Conversion/Complimentary Courses

- Professional Master of Education (PME)
- Graduate Veterinary Medicine
- MSc Business Studies
- Master of Business Administration
- Graduate Medicine
- HDip Computer Science
- Master of Accounting

Continue to develop your professional career with UCD

*Pathway models are available for each course at www.ucd.ie/agfood

AGRI-ENVIRONMENTAL SCIENCES

BAgrSc (Hons) (NFQ Level 8)

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **23**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Mature Entry Route
See www.ucd.ie/maturestudents

Watching the agricultural sector evolve into a new era driven by sustainability and environmental viability led me to choose this course. This degree has allowed me to further expand and develop my interest in this field. It is taught in a manner that combines lectures, tutorials, fieldwork and laboratories that give students a broad range of skills that are invaluable for the future. Professional Work Experience was a great opportunity to experience the real working world in a wide range of environments from farms to environmental agencies. Throughout the course there were numerous trips to Lyons farm and Rosemount Environmental Research Station, which provided an excellent opportunity to gain exposure to on-going research.

Caroline Dardis, Student

Why is this course for me?

If you are passionate about environmental sustainability and interested in the intersection of agriculture and environmental management, the Agri-Environmental Sciences programme may be the perfect fit for you! This specialist applied science degree will equip you with the knowledge and skills necessary to make a meaningful impact in the fields of agriculture and environmental management. Through a combination of classroom learning, practical field experience, and professional work placements, you will gain a deep understanding of rural environmental issues, sustainable agriculture practices, and the policies and schemes that protect our natural resources.

What will I study?

First Year

Animal Biology & Evolution • Introductory Chemistry • Mathematics for Agriculture • Physics for Agricultural Science • Land Use & the Environment • Introduction to Biomolecules • Cell & Plant Biology • Information Skills • Optional Modules including Agricultural Economics & Business

Second Year

Focuses on the principles of crop and animal production and applied agri-environmental sciences. Modules include: Diversity in the Rural Landscape • Agricultural Botany • Soil Science • Applied Zoology • Microbiology • Introductions to Crop & Animal Science. On completion of second year, you develop field skills through a week-long residential field course in the Burren, Co. Clare.

Third & Fourth Year

Focuses on environmental management in agriculture (e.g. soils, nutrients, pests and diseases). You will develop practical field and lab-based skills e.g. GIS, and study policies, schemes and practices to protect rural environments.

In fourth year, you complete advanced modules in agri-environmental management, environmental data and modelling, rural conservation and sustainable agriculture, and you conduct a supervised research project and produce a thesis. This provides an opportunity to study a topic of your own choice more deeply, and gain practical experience of research and scientific writing.

Students spend an average of 40 hours per week attending lectures, tutorials and laboratory-based practical classes, and in undertaking independent study. A combination of continuous assessment and end-of-trimester written examinations is used. A number of modules also involve written assignments and/or project-based work.

Professional Work Experience (PWE) & International Study Opportunities

A 16-week period of structured PWE takes place in third year. Assisted by a dedicated lecturer, students arrange placements on farms, environmental agencies and companies. This is a fantastic chance to get new experiences, make industry contacts and put theory from classes to practical use. You can also elect to study abroad for one trimester at universities such as:

- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia

Career & Graduate Study Opportunities

Many graduates follow career paths as environmental advisors, planners or consultants. Others work in State agencies that require both agricultural and environmental management skills, including:

- Department of Agriculture
- Food & the Marine
- Teagasc
- Environmental Protection Agency
- National Parks & Wildlife Service
- Local Authorities.

A high proportion of AES graduates go on to further studies at postgraduate level.

Other Courses of Interest:

Sustainability with Environmental Sciences	104
Animal & Crop Production	164
Forestry	171
Horticulture	172
City Planning & Environmental Policy	196

LEARN MORE

www.myucd.ie/aes
Professor Helen Sheridan
UCD School of Agriculture and Food Science
helen.sheridan@ucd.ie
Instagram/Facebook/Twitter:@MyUCD

Having grown up on a dairy farm, I have always held a keen interest in all things agriculture. In particular cutting-edge agricultural technologies and their role in sustainable agricultural production systems. For this reason, I chose to study Agricultural Systems Technology (AST) at UCD. During my time at UCD, I completed a six-month professional internship in the Netherlands with the leading dairy automation company, Lely. Practical modules within the AST course such as sensors and sensing systems, agricultural mechanisation and computer programming allowed me to excel in this practical internship. Working with highly motivated and driven teaching staff ensures that you achieve your maximum potential.

Mark O'Dowd, Student

AGRICULTURAL SYSTEMS TECHNOLOGY

BAgrSc (Hons) (NFQ Level 8)

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **9**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Agricultural Systems Technology is aimed at students who wish to learn how to build, develop, and manage technology for the agriculture sector. Students will gain a deep understanding of how to use technology in order to improve and enhance sustainability, efficiency and reliability in farming and food production. You will take classes in engineering, science, mathematics and data science. Upon completing the course, you will be uniquely equipped to build, develop and manage technologies such as computer systems, networks, data management and sensors, machinery systems and precision agriculture.

What will I study?

Students will study modules in basic science, agricultural sciences, engineering technologies and data science.

Modules include:

First Year

Animal Biology & Evolution • Introductory Chemistry • Mathematics for Agriculture • Physics for Agricultural Science • Agricultural Economics & Business • Introduction to Biomolecules • Cell & Plant Biology • Information Skills • Optional Modules

Second Year

Agricultural Engineering Principles • Animal, Crop & Soil Science • Applied Biostatistics • Agricultural Microbiology • Food Physics • Food Macronutrients • Computer Programming

Third Year

Agricultural Mechanisation (engines, hydraulics, components and machinery systems) • Sensors & Sensing Systems • GIS & Remote Sensing • Business Management • Data Structures & Algorithms • Numerical Methods for Agricultural Technology • Professional Work Experience (PWE)

Fourth Year

Precision Agriculture (crops) • Precision Livestock Management • Optical Sensing Technology • Databases & Information Systems • Experimental Project • Life Cycle Assessment • Quantitative Risk Assessment • Waste Management

Students will spend an average of 40 hours a week attending lectures, tutorials and laboratory-based practicals, and undertaking independent study.

A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also require project work.

Professional Work Experience (PWE) & International Study Opportunities

A 16-week period of structured PWE takes place in third year. PWE can be taken in Ireland or abroad. There are opportunities to study abroad for one trimester in third year. Possibilities include:

- University of California, USA
- Michigan State University, USA
- Kansas State University, USA
- Purdue University, USA
- University of Queensland, Australia

Career & Graduate Study Opportunities

Graduates will find rewarding and challenging employment in agri-food industries, including:

- Production Agriculture
- Environmental Protection
- Consulting
- Equipment Manufacturing
- Agri-Tech

Typical roles include technical and managerial positions in:

- Production
- Service Provision
- Environmental Protection
- Information Technology
- Manufacturing
- Process & Product Design

There are also excellent graduate study opportunities to specialise in Environmental Technology, Food Engineering, Sustainable Energy and Green Technology.

www.myucd.ie/agst
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LEARN MORE

Other Courses of Interest:

ANIMAL & CROP PRODUCTION

BAgrSc (Hons) (NFQ Level 8)

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **60**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

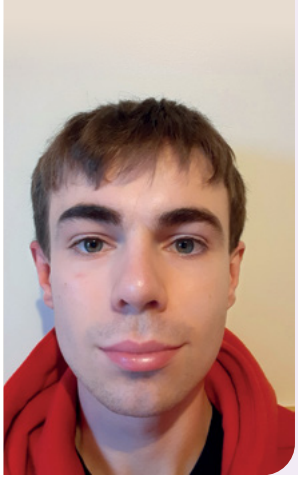
Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess



Having grown up on a tillage farm in County Wexford, I have always had a strong passion for agriculture. This made my decision to apply to Agricultural Science in UCD very easy. UCD have consistently been the number one agricultural science course in Ireland, and within the top 20 globally. With access to some of the most respected researchers in the industry as well as UCD Lyons Farm, I had no doubts about putting UCD as my number one choice. As a recipient of a UCD Ad Astra Academy Academic Scholarship, I have had the opportunity to partake in many workshops and seminars to improve personal skills, access an academic mentor, and make friends with students from every course in the university. This was a highlight of my time as an undergraduate student.

Conor Kehoe, Student

Why is this course for me?

UCD's Animal and Crop Production programme offers a comprehensive education in the science and business of animal and crop production. You will learn about the development and improvement in farm animal and crop production, gain broad knowledge on growth, physiology, nutrient utilisation, agribusiness, agri-environment and develop the skills to create economical and sustainable agricultural production systems. Plus, you will gain communication and IT skills to help you stay up-to-date on evolving technical, economic, and regulatory frameworks. With practical experience gained through visits to UCD's Lyons Farm and international placements, you will graduate with a well-rounded education and be prepared for a variety of careers in agribusiness, animal and crop industries, consultancy, and government agencies.

What will I study?

First year concentrates on developing the basic sciences, before the focus moves to more applied sciences. You can also choose elective modules, while the facilities at UCD Lyons Farm are widely used as teaching aids in the final two years of the course.

Modules include:

First Year

Animal Biology & Evolution • Introductory Chemistry • Mathematics for Agriculture • Physics for Agricultural Science • Agricultural Economics & Business • Introduction to Biomolecules • Cell & Plant Biology • Information Skills • Optional Modules

Second Year

Soil Science • Microbiology • Agricultural Botany • Animal Nutrition • Business Management

Third Year

Animal Breeding & Reproduction • Plant Diseases: Biology & Control • Animal Nutrition II • Professional Work Experience (PWE)

Fourth Year

Dairy Production • Beef Production • Sheep Production • Grass & Cereal Production • Farm Business Management • Professional Communications

Students spend an average of 40 hours a week attending lectures, tutorials and laboratory-based practicals, and undertake independent study. In third and fourth year, students make regular visits to UCD's Lyons Farm.

A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also require project work.

Professional Work Experience (PWE) & International Study Opportunities

Between January and August in third year, you undertake a period of PWE in Ireland or abroad. You can also study abroad in trimester one of third year, at universities such as:

- Lincoln University, New Zealand
- Iowa State University, USA

Career & Graduate Study Opportunities

Graduates are employed in a wide variety of areas, such as:

- Agribusiness
- Animal and crop industries
- Consultancy
- Semi-state or government agencies
- Financial services
- Print, radio and television media

This is also a very suitable degree if you intend to pursue full-time farming or combine part-time farming with a professional career. Research opportunities to Masters and PhD level are available.

Other Courses of Interest:

Agri-Environmental Sciences 162
Animal Science 165
Crop Science 167
Dairy Business 168

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ANIMAL SCIENCE

BAgrSc (Hons) (NFQ Level 8)

A great choice for anyone who wants to study production and understand the science involved. I was originally hesitant to attend UCD as it meant I would be the only one from my school attending. However, the subjects offered, and the placement opportunity in third year, made it too attractive to pass up. Being a member of AgSoc was an amazing opportunity to contribute to charity while meeting people from other years and the agricultural sector. A highlight was PWE. My five months spent within different sectors were invaluable. Hands on experience made me more confident, and focused my passion for future studies, helped by lecturers who inspired me to pursue a PhD.

Laura Thompson, Student

Why is this course for me?

UCD's Animal Science programme is a four-year degree that delves into the applied sciences necessary for understanding how animals function and the principles of livestock production. You will explore the growth, development, and behaviour of domestic animals, and the fundamentals of sustainable animal production systems. Modules include animal biology, genetics, biotechnology, nutrition, and more. In the later years of the programme, you will visit the UCD Lyons Farm for hands-on practical experience and complete a five-month Professional Work Experience placement. With opportunities to study abroad and a range of career options in animal health, breeding, enterprise management, and more, this degree is the perfect choice for anyone passionate about animals and their role in agriculture.

What will I study?

You begin with introductory modules designed to give you a broad foundation in biological and physiological sciences as they relate to domestic animals. As you progress, you will study animal physiology, nutrition, genetics and breeding and how these sciences are integrated to optimise animal health and productivity. You will have the opportunity to select elective modules according to your interests. Professional Work Experience in Stage 3 will provide you with the opportunity to gain hands-on experience of all the various animal enterprises to prepare you for final year.

First Year

Animal Biology & Evolution • Introductory Chemistry • Mathematics for Agriculture • Physics for Agricultural Science • Agricultural Economics & Business • Introduction to Biomolecules • Cell & Plant Biology • Information Skills • Optional Modules

Second Year

Genetics & Biotechnology • Animal Nutrition • Biostatistics • Business Management • Agricultural Microbiology • Elective Modules

Third Year

Animal Reproduction • Animal Breeding • Animal Physiology • Animal Genomics • Professional Work Experience (PWE)

Fourth Year

Dairy Production • Beef Production • Sheep Production • Non-Ruminant Animal Production (Swine, Poultry) • Animal Health, Behaviour & Welfare • Grass & Forage Production

Students spend an average of 40 hours a week attending lectures and tutorials and participating in laboratory-based practicals, and undertake independent study. In the final two years, students make regular visits to UCD Lyons Farm to get hands-on practical experience. A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also involve project work.

Professional Work Experience (PWE) & International Study Opportunities

A five-month PWE placement takes place in third year and may be taken as a combination of on-farm, agribusiness and research centre placements. Some of this may be taken abroad (e.g. USA and New Zealand). In addition, an opportunity exists to study abroad for a trimester in third year. Possibilities include:

- University of Illinois, USA
- Kansas State University, USA
- Michigan State University, USA
- Purdue University, USA
- University of Queensland, Australia

Career & Graduate Study Opportunities

A wide range of career opportunities are available to graduates of Animal Science. These include entry into graduate study leading to Masters and Ph.D. degrees and a career in research, and/or in the Animal Health and Pharmaceutical Industry, Animal Breeding and Genetics, Animal feed industry, Procurement, processing and marketing of animal products, Education, Consultancy, Farming and enterprise management, and Journalism.

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **54**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

www.myucd.ie/animal-science
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LEARN MORE

Other Courses of Interest:

ANIMAL SCIENCE EQUINE

BAgrSc (Hons) (NFQ Level 8)

Having grown up in a family involved in the Irish thoroughbred racing industry, choosing the Animal Science - Equine course at UCD was a natural progression for me. During my time at UCD, I have learnt about the theoretical and practical aspects of the equine industry through lectures and field trips. I particularly enjoyed the equine modules and applying what I learned in class to real life examples. The highlight of my time at UCD was my professional work experience in third year. I completed my PWE with Hunter Valley Farm in Versailles, Kentucky, USA. Through the opportunity to live and work abroad, I gained invaluable experience within the US breeding and sales industry.

Larry Mulvany, Student

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **15**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Animal Science – Equine allows those with a passion for horses, the equine industry or equine science to pursue these interests at third level and still maintain a broad range of future career options within agriculture. A highlight of the degree is the opportunity to participate in a 5-month international work placement within a leading Thoroughbred or Sport Horse organisation. The degree provides the scientific knowledge and transferable skills necessary for professional leadership roles within many aspects of the Agriculture and Equine industries. Your programme will cover:

- The growth and development of farm animals, how they function, their behaviour, welfare and nutrition
- Current and future technologies to make agriculture more sustainable but still meet the needs of a growing global population
- The equine industry in Ireland, its global context and entrepreneurial opportunities
- Focussed modules on equine health, reproduction, genetics, breeding, nutrition and exercise physiology delivered by academics who are leading world experts in their fields
- Exciting technological advances and future research directions within equine science

What will I study?

Practical learning sessions using live animals are delivered at UCD Lyons Farm, where excellent teaching and research facilities exist. Anatomy classes will take place both at Lyons Farm and at UCD's Veterinary Hospital.

Your lecturers will share the outcomes of their research programmes as they happen, so that your education is informed by the cutting edge of animal and equine science research.

As every student has a different learning style, you will be assessed by a combination of continuous assessment types. These might include class quizzes, MCQ tests, presentations, essays, group research projects and end-of-trimester examinations.

First & Second Year

You will study the basic sciences in first year, in addition to topics such as cell and plant biology and animal evolution. In the second year you will learn more about animal nutrition, microbiology, agricultural economics and business management, in addition to studying equine industries in Ireland and globally.

Third & Fourth Year

In addition to advanced modules in animal nutrition, physiology and genomics, you will take modules on scientific writing, farm business management, professional communications and experimental design. You will participate in focussed modules related to equine health and husbandry, equine genetics, equine reproduction and breeding management, equine nutrition and equine exercise physiology.

Professional Work Experience (PWE) & International Study Opportunities

PWE placement is integral to your degree and is an invaluable learning and networking opportunity. Options include placements on stud farms in the Kentucky Bluegrass region, Japan, Australia, top show-jumping yards in Ireland and the US, and with Horse Sport Ireland, the RDS, and equine feed and biotech companies.

There is an option to Study Abroad in third year where you could live abroad in Illinois, Texas, Connecticut, Kansas, Michigan and more.

Career & Graduate Study Opportunities

In addition to the career opportunities available to Animal Science graduates (see page 161), Animal Science Equine graduates are equipped to pursue careers in:

- Equine enterprise management
- Equine leisure, recreation and tourism activities
- Equestrian marketing and sales enterprises
- Sports journalism
- Academic teaching

You can pursue an equine science research career, continue to a veterinary degree or pursue Masters and PhD opportunities in Europe and the US.

Other Courses of Interest:

Animal Science	165
Crop Science	167
Dairy Business	168
Veterinary Medicine	178

LEARN MORE

www.myucd.ie/ase
Dr. Barbara Murphy
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UCD has partnered with the leading agribusiness company, Origin Enterprises plc, to develop the next generation of digital tools for use by the farmer and agronomist. CONSUS is a €17.6m programme over 5 years, which is jointly funded by Science Foundation Ireland and Origin Enterprises. CONSUS is a collaborative research programme focused on the application of precision agriculture to crop production leading to more efficient food production with lower environmental impacts. The outcomes from this research programme will deliver a step-change in crop agronomy tools and practices, leading to enhanced global competitiveness and inform teaching on the new Crop Science degree programme.

Professor Kevin McDonnell, Programme Director

CROP SCIENCE

BAgrSc (Hons) (NFQ Level 8)

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

As a student in our Crop Science Programme, you will learn about the science, production, and management of crops from genes to fields. With a focus on agronomy, you will explore crop production and soil management to improve yield and quality. Our expert faculty members are active researchers in the rapidly developing field of agriculture and agribusiness. In addition to a strong foundation in basic sciences, you will have the opportunity to study emerging crop pathogens, organic agriculture, climate and soils, and plants and diets.

What will I study?

In first and second year, the focus is on the development of the key basic sciences that underpin a crops agronomy course such as soils science, agricultural botany, agricultural chemistry and economics. The focus then moves to more crop science applied courses and builds on your initial science to give you a more advanced understanding of crop science including modules such as pesticide use, integrated pest management, plant nutrition and climate and soils.

First Year

Animal Biology & Evolution • Introductory Chemistry • Mathematics for Agriculture • Physics for Agricultural Science • Agricultural Economics & Business • Introduction to Biomolecules • Cell & Plant Biology • Information Skills • Optional Modules

Second Year

Soil Science • Microbiology • Agricultural Botany • Arable Crop Production • Business Management

Third Year

Plant Diseases • Pesticide Use • Integrated Pest Management • Control of Weeds • Soil Science • Nutrition • Professional Work Experience (PWE)

Fourth Year

Farm Business • Cereal Production • Organic Agriculture • Forest Production • Emerging Crop Pathogens • Climate & Soils • Plants & Diets

Students spend an average of 40 hours a week attending lectures and tutorials, participating in laboratory-based practicals and undertaking independent study.

A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also involve project work.

Professional Work Experience (PWE) & International Study Opportunities

A 16-week period of structured PWE takes place in third year and may be a combination of on farm, agri-business and research centre placements. PWE can be taken in Ireland or abroad. The course is designed to allow you to take the Autumn trimester aboard in third year in an international university such as:

- Kansas State University, USA
- Michigan State University, USA
- Purdue University, USA
- Olds College, Canada

And a number of selected opportunities in Europe.

Career & Graduate Study Opportunities

The potential opportunities for graduates are in a wide variety of areas such as:

- Agribusiness
- Brewing and malting sectors,
- Crop advisory work for state organisations
- Private consultancy
- Financial services

This is also a very suitable degree if you intend to pursue full-time farming or combine part-time farming with a professional career. Research opportunities to Masters and PhD level are available.

www.myucd.ie/crop-science
Professor Kevin McDonnell
UCD School of Agriculture and Food Science
kevin.mcdonnell@ucd.ie
Instagram/Facebook/Twitter:@MyUCD

LEARN MORE

Other Courses of Interest:

Agricultural Systems Technology	163
Animal & Crop Production	164
Animal Science	165
Veterinary Medicine	178

DAIRY BUSINESS

BAgrSc (Hons) (NFQ Level 8)

This course combines the study of the scientific and technical elements of farming while incorporating the business and financial aspects. The highlight of my time was 3rd year, when I spent 6 months on professional work experience, and was recognised by UCD to receive the Grant Thornton PWE Excellence Award. My second semester of 3rd year was spent in the Teagasc Moorepark Research Centre, where we visited some of the leading researchers, farmers and companies in the industry. I believe I can have a positive impact on a thriving dairy industry and my plan is to complete my PhD in Teagasc Moorepark. Choosing this degree is one of best decisions I ever made and I will remember my time in UCD fondly.

Patrick O'Dwyer, Student

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **21**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

The Irish dairy industry has undergone a significant transformation since the abolition of EU milk quotas in 2015. The pressing challenge for the industry is to become more sustainable not only environmentally but also economically and societally. As a graduate of the Dairy Business Programme, you will be well-prepared to take on this challenge and lead the way in addressing these issues. This degree will equip you with the scientific, technical, and business skills you need to drive innovation in this exciting and dynamic industry.

What will I study?

The first two years provide a strong foundation in business, science, mathematics, and technology-related modules, followed by relevant applied sciences, business, and communication modules.

First Year

Animal Biology and Evolution • Introductory Chemistry • Mathematics for Agriculture • Physics for Agricultural Science • Agricultural Economics and Business • Introduction to Management • Land Use and the Environment • Cell and Plant Biology • Introduction to Animal Science • Introduction to Food and Agribusiness Management • Optional Modules

Second Year

Soil Science • Animal Reproduction Applied Biostatistics • Marketing: Forms, Customer & Society • Accounting for non-Business students • Business Law • Animal Nutrition • Principles of Dairy Production • Global Operations and Supply Chain Management • Health, Welfare and Safety in Agriculture • Optional Modules

Third & Fourth Year

In your third year, you will undertake the technical management of a dairy farm at Teagasc, Kildalton Agricultural College and gain Professional Work Experience (PWE) in the industry. For trimester two of third year, you study at Teagasc, Moorepark in areas including:

Herd Health and Milk Quality • Grassland Management and Applied Dairy Nutrition • Dairy Systems • Dairy Business project • Applied Dairy Breeding and Fertility

Fourth year focuses on business and science modules, consolidating earlier learning.

Farm Business Management • Agri-Environmental Issues and Policy • Animal Breeding • Animal Nutrition • Leadership and Change Management • Food and Agricultural Policy • Food and Agrbusiness Strategy • Agri-Environmental Nutrient Management • Experimental Design and Data Analysis • Professional Communications • Optional modules

Professional Work Experience (PWE) & International Study Opportunities

PWE takes place between July and December (first trimester, third year) and offers you the opportunity to visit New Zealand at the busiest time of the dairy farming calendar.

Career & Graduate Study Opportunities

Graduates of the Dairy Business Programme are well-positioned for a range of roles, including:

- Dairy Farm Management
- Research
- Animal Feed Industry
- Banking
- Teaching
- Consultancy

Research opportunities to Masters and PhD level are also available.

Other Courses of Interest:

Animal & Crop Production	164
Animal Science	165
Animal Science – Equine	166
Crop Science	167
Food & Agribusiness Management	169

www.myucd.ie/dairy-business
Professor Karina Pierce
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When choosing a college course, agricultural science was suggested as I am from a farming background but I wasn't sure exactly what I wanted to do. Opting for a course that incorporated two valuable elements, science and business, gave me the necessary time and experience to discover what I would truly enjoy as a future career. However, I never could have anticipated the impact studying agricultural science at UCD would have on me and just how passionate I would grow to be about the industry and its people. The Food and Agribusiness Management course offers exposure to a variety of industries and all aspects of business. There is truly something for everyone. I have had the opportunity to learn from exceptionally knowledgeable lecturers, as well as students, who come from a diverse range of backgrounds.

Kate Toner, Student

FOOD & AGRIBUSINESS MANAGEMENT

BAgrSc (Hons) (NFQ Level 8)

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **43**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

During the Food & Agribusiness Management degree, you will learn how the principles of business and economics apply to farming, food production and marketing. You will study core science subjects in first year, then specialise in agribusiness in subsequent years. You gain an understanding of how the Irish and international food systems deliver food products and services that people want, and how farmers and food manufacturers can produce profitably and sustainably. The four-year course provides a unique opportunity to understand both business and science, focusing on the agri-food sector – Ireland's largest indigenous industry. You will learn skills that can be used across a wide range of roles both within and outside the agri-food sector.

What will I study?

Students spend an average of 40 hours a week attending lectures and tutorials, participating in laboratory-based practical classes and undertaking independent study.

First Year

In first year you will study core science modules in biology, chemistry and physics, all applied to the agri-food sector, alongside introductory modules in land use and the environment, agricultural economics and agribusiness.

Second Year

Second year builds on this foundation with classes in business management, applied economics, and crop, food and environmental sciences. Second year will also widen your knowledge through new subjects in business law and biostatistics. You can opt for a two-module elective pathway in food, diet and health or animal science (or mix between the two).

Third Year

At the start of third year you will learn specialist technical skills in statistical analysis and financial planning, together with additional knowledge of food science. The rest of the year is devoted to a 30 week Professional Work Experience (PWE) placement. Here you will obtain industry knowledge and workplace skills first hand, and begin building your personal network of professional contacts.

Fourth Year

Final year focuses on deepening your agribusiness expertise with specialist modules in a variety of areas such as enterprise development, strategy, communications, farm business management, food marketing, agri-taxation, agri-environmental policy and e-business. You will also undertake a small research project on a topic of your choice.

Professional Work Experience (PWE) & International Study Opportunities

A 28-week period of structured PWE takes place in third year where you will spend the second trimester working in the food and agribusiness industry in Ireland or abroad. This helps you apply the knowledge you have gained, and can lead directly to employment following graduation.

There are also opportunities to take a trimester abroad in third year. Possibilities include universities in New Zealand, Australia and the USA.

Career & Graduate Study Opportunities

Our graduates have an excellent record of finding employment in various sectors, including:

- Financial Services
- Consultancy Services
- Food Processing
- Food Distribution and Marketing
- Agri-food Media
- Farm Management

Popular graduate study programmes include: PhD by research; MSc in Marketing; MAgrSc in Agricultural Extension and Innovation and MSc in Food Business Strategy.

Key Fact

Graduates of this degree have reached senior positions as chief executives, business owners, plant managers, marketing managers and media editors.

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LEARN MORE

Other Courses of Interest:

FOOD BUSINESS WITH CHINESE STUDIES

BAgrSc (Hons) (NFQ Level 8)

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **5**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Please Note:
Students interested in progressing to the Food Business with Chinese Studies degree option must undertake three Chinese language modules by the end of year one.

I am a final-year student. I chose this course as I have a keen interest in the Irish food industry and Chinese language and culture. China is a major opportunity market for Irish food and drink products. The skills acquired on this course are highly desired by employers. The Confucius Institute at UCD is a state-of-the-art facility for learning Chinese and the food business aspect of the course is delivered by the renowned UCD School of Agriculture and Food Science. I am currently concluding my exchange year, which is the highlight of the course. Two trimesters abroad offers you the perfect opportunity to not only improve your language skills, but to live in the culture and gain a strong understanding of it.

Luke Greene, Student

Why is this course for me?

Our Food Business with Chinese Studies programme prepares graduates with the skills urgently required by the Irish food industry to succeed in the changing market landscape. With Brexit and the uncertainty surrounding the UK market, it is critical for the industry to expand exports to emerging markets, particularly China. This requires improved foreign language capability, which we provide through a combination of fundamental food science and food business management modules, and language, cultural, and target market-oriented courses. In third year, students study at Renmin University of China, taking Chinese language courses and other relevant modules, while experiencing the diverse culture and vibrant economic growth of China. By fourth year, students will have the knowledge and skills necessary for professional decision-making in agri-food business sectors in the global market, with particular emphasis on China.

What will I study?

The course brings together the established expertise in the UCD School of Agriculture & Food Science and UCD Institute for Chinese Studies. The core modules offered in the UCD School of Agriculture & Food Science (fundamental food science and food business management modules) combine systematically with modules offered by UCD Institute for Chinese Studies (language, cultural and target market-orientated courses). The course caters for all students who enter with differing levels of Chinese language ability.

First Year

Animal Biology & Evolution • Introductory Chemistry • Mathematics for Agriculture • Physics for Agricultural Science • Agricultural Economics & Business • Introduction to Biomolecules • Cell & Plant Biology • Chinese Language Experience • Elementary Written Chinese • Elementary Spoken Chinese • Optional Modules

Second Year

Business Management • Business Law • Applied Economic Analysis • Financial Planning & Control • Soil Science • Intermediate Spoken Chinese 1 & 2 • Intermediate Written Chinese 1 & 2 • Optional Modules

Third Year

Students will complete year three of their studies at Renmin University of China (RUC) in Beijing, where you will take intermediate or advanced Chinese language courses and a range of interesting and relevant modules. There will be a number of language scholarship opportunities available on a competitive basis that will cover tuition fees and accommodation for either one or two trimesters in China.

In addition to the benefit of a structured academic programme, students will also experience first-hand the diverse culture of China and the vibrant economic growth that the second largest economy in the world has to offer. Living and studying in a different cultural environment will provide students with an eye-opening and life changing experience that will also help you make friends and develop networks across the globe.

Fourth Year

Food & Agricultural Strategy • International Food Marketing • Agricultural Policy • Enterprise Development • Advanced Chinese 1 & 2 • Chinese Economy • Doing Business in China • Optional Modules

Career & Graduate Study Opportunities

As the agri-food sector becomes more knowledge intensive, education and skills development are even more critical for career success. This course incorporates Chinese language and cultural components into the business skills and fundamental science required for managerial and professional careers in the agri-food sectors. These elements, combined with an emphasis on learning to think analytically, result in a course that equips students with the knowledge and skills necessary for professional decision-making in agri-food business sectors in the global market, with particular relevance to China.

Other Courses of Interest:

Dairy Business 168
Food & Agribusiness Management 169
Horticulture 172
Food Science 173

LEARN MORE

www.myucd.ie/fbwcs
Dr Brian Leonard
UCD School of Agriculture and Food Science
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Instagram/Facebook/Twitter:@MyUCD

The UCD Forestry degree is a brilliant, hands-on course with multiple pathways to exciting careers. I found it to be both practical and academic. In my experience, this degree offers students work experience opportunities in a variety of settings around the world, and a comprehensive understanding of the economic, ecological and social aspects of forests. UCD provides Forestry students with unique opportunities such as research projects, internships and networking with professionals that prepared us for a variety of careers. As a result of my time at UCD, I wholeheartedly recommend the Forestry programme and would say that it is a great pathway to an impactful career.

Julia Vataleva, Student

FORESTRY

BAgrSc (Hons) (NFQ Level 8)

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **12**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

If you are concerned about the natural environment and issues of sustainability then Forestry could be the course for you. Forestry students learn how to create habitats, provide spaces for recreation, and produce timber - a resource that can simultaneously store carbon and substitute for concrete and steel.

The Forestry sector has expanded considerably in Ireland in recent decades and there is an ongoing demand for qualified forestry professionals. With the skills you gain in this degree, you will be able to create meaningful change for the Irish environment and contribute positively to solving some of the biggest challenges facing the world.

UCD Forestry students gain skills in forest planning, remote sensing, the use of geographical information systems and forest modelling while developing the capacity for life-long learning that enables them to stay abreast of developments in policy, technology and the sciences that underpin forestry practice. They learn how to manage forest systems to:

- Produce timber and renewable energy
- Sequester carbon
- Improve biodiversity and wildlife habitats
- Develop resilience for climate change
- Protect soil and water resources

What will I study?

The combination of science and business modules, complemented by a work experience placement, ensures that UCD Forestry graduates are in high demand across the sector.

First Year

The first year of the programme equips students with the basics in science and business knowledge; this provides the necessary grounding from which to progress to more specialised and technical aspects of forestry practice.

Second Year

This year focuses on developing land management, business and communication and principles of forestry knowledge.

Third Year

Third year comprises modules on forestry-specific topics like forest management, forest protection, silviculture, forest harvesting and forest inventory as well as key skills such as using remote sensing data and GIS. Students undertake a period of 16 weeks of work placement enabling them to return for the final year of study energised and informed about their chosen career.

Fourth Year

Fourth year is largely project-based and allows students to combine all of their skills and knowledge, while further developing their ability to communicate effectively.

Professional Work Experience (PWE) & International Study Opportunities

Opportunities to travel abroad present in third year - forestry students have studied for a trimester in universities across the United States including:

- Michigan State University, USA
- Purdue University, USA
- University of Vermont, USA

During Work Experience, students have travelled to Iceland, Germany, and the United States.

Career & Graduate Study Opportunities

Forestry graduates find employment in all areas of the sector, including:

- State and Semi-state Agencies
- Forest Management and Consultancy
- Wood Processing and Renewable Energy
- Environmental Agencies
- Education and Research
- Forestry Contractors

Many graduates set up their own forestry businesses. Other opportunities include information technology, land-use planning and financial services. Research to Masters and PhD levels is available.

www.myucd.ie/forestry
Marie Doyle
UCD School of Agriculture and Food Science
mdoyle@ucd.ie
Instagram/Facebook/Twitter:@MyUCD

LEARN MORE

Other Courses of Interest:

Agri-Environmental Sciences 162
Horticulture 172
Food Science 173

HORTICULTURE

BAgrSc (Hons) (NFQ Level 8)

I chose Horticulture at UCD as I have always had an interest in plants and nature. The learning experience at UCD has been hands-on, which is one of many reasons why I have had such a great time here. The practical experience I gained through my Professional Work Experience (PWE) has been invaluable. I worked at a nursery and garden centre, where I continue to work and thoroughly enjoy. PWE is a fantastic opportunity for students to get first-hand experience and see the possibilities when it comes to choosing their future careers. The facilities that are available to students through the UCD School of Agriculture & Food Science includes UCD Lyons Farm, Rosemount Environmental Research Station and modern laboratories alongside very supportive staff who have offered nothing but encouragement throughout my four years here.

Fiona Curtin, Student

CAO Code: DN250

CAO Points Range 2022: **387-625**
Length of Course: **4 years**
Typical Class Size: **9**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

The Horticulture Programme is your opportunity to make a positive impact on sustainability and climate change. Through sustainable plant cultivation, an increase in plant-based diets, and knowledge of biodiversity and conservation, many of today's environmental challenges can be overcome. With a focus on environmentally friendly practices and innovative technologies, this degree equips you with the knowledge and skills to become a competent and confident leader in the horticulture community. By studying core science subjects and specialist horticulture and environment modules, you will gain an understanding of sustainable management of food and ornamental plant production, knowledge of protecting and enhancing biodiversity and habitats, designing and managing landscapes, and the benefits of horticultural therapy. With opportunities for international study and strong links to the horticulture industry, this programme offers a range of exciting and diverse career paths. Join the Horticulture Programme and become part of the solution to today's environmental challenges.

What will I study?

You will study core science subjects in first year, and then develop your horticulture knowledge with specialist modules.

First Year

Core science subjects in the first year, including chemistry, physics, biology, mathematics, and you will develop horticulture knowledge with specialist modules.

Second Year

Build on your horticulture knowledge and skills with lectures, laboratory and field practicals, industry site visits, and you will study soils, ecology, microbiology, biochemistry and business.

Third Year

Further your knowledge in horticulture and science subjects, and undertake Professional Work Experience (PWE) for 5 months in Ireland or abroad. You can also opt to study abroad for one trimester.

Fourth Year

In final year you undertake a capstone research project, carrying out independent, supported research. Study diverse horticulture topics, and develop communication, writing, biostatistical, business and enterprise skills.

Assessment includes continuous assessment, project reports, presentations, written examinations and dissertation.

Professional Work Experience (PWE) & International Study Opportunities

All or part of your five-month PWE can be taken in Ireland or abroad, including in New Zealand, Australia, USA and Japan. You can choose to study abroad in universities such as:

- Cornell University, USA
- Lincoln University, New Zealand
- University of Queensland, Australia

Career & Graduate Study Opportunities

Career opportunities include:

- Management
- Advisory
- Research
- Policy
- Sales
- Production

Opportunities also exist in State, EU and international organisations. Your transferable skills will ensure you are highly employable in many businesses and industries. Taught Masters, research Masters and PhD degrees are also available.

Other Courses of Interest:

Agri-Environmental Sciences	162
Forestry	171
Food Science	173
Landscape Architecture	195

www.myucd.ie/horticulture
Dr Caroline Elliott-Kingston
UCD School of Agriculture and Food Science
caroline.elliottkingston@ucd.ie
Instagram/Facebook/Twitter:@MyUCD

Deciding to study Food Science at UCD was one of the best decisions I have ever made. I transferred into this course from another university after realising I wanted to pursue a career in the Irish food industry. The Food Science course in UCD teaches you to look at food from a range of different scientific perspectives, with modules covering chemistry, physics, microbiology and nutrition. You will also gain a more practical insight into the food industry with modules such as Food Processing Technology and Product Development. I would encourage anyone with a keen interest in where their food comes from, what it is made of and how it ends up on their plate to consider this course.

Anna Kerr, Student

FOOD SCIENCE

BSc (Hons) (NFQ Level 8)

CAO Code: DN261

CAO Points Range 2022: **500-613**
Length of Course: **4 years**
Places: **47**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

The Food Science Programme at UCD develops your scientific knowledge and practical skills in producing sustainable, high-quality, safe, and nutritious food for the global market. As a food scientist, you will be involved in all aspects of the food chain, from production to the consumer. You will learn core sciences such as biology, chemistry, and mathematics, and apply them to food physics, analysis, microbiology, and sensory science. You will also gain expertise in food chemistry, processing, and new product development, preparing you for careers in production management, nutrition, food quality and safety, sales and marketing, and research. With the programme's international accreditation and opportunities for industry internships and study abroad, you will have a competitive edge in the job market and be well-equipped to pursue graduate study.

What will I study?

First Year

In the first year, every student in the programme works to develop a strong foundation in the core sciences of physics, biology, chemistry and mathematics. A Food Diet & Health module is offered as an introduction to subjects covered in the later stages of the programme.

Second, Third & Fourth Year

You cover the applied sciences, including: Food Physics • Food Analysis • Microbiology • Sensory Science

You are introduced to Human Nutrition, before progressing to the major food science modules, including: New Product Development, Food Chemistry and Food Processing.

The final year focuses on subjects including the technology and chemistry of meat, dairy, fermented foods, food ingredients and food safety. You will also have an opportunity to undertake a research project.

The course involves attending lectures, tutorials and completing laboratory practicals. There are also many opportunities to work on team-based assignments.

Assessment involves end-of-term written exams and a variety of continuous assessments designed to develop skills for success, including report writing, oral, poster and video presentations, and food formulation exercises.

Professional Work Experience (PWE) & International Study Opportunities

Five months PWE in the food industry in third year is an integral part of the course. This may be taken in Ireland or abroad. Students are also encouraged to take a trimester abroad and participate on the Study Abroad Programme. Possibilties include Michigan State University, USA, Purdue University, USA, Kansas State University, USA, University of California, Davis, USA, Cornell University, USA and University of Queensland, Australia

Career & Graduate Study Opportunities

Graduates have excellent employment prospects with national and international companies in a range of diverse roles across the food industry. Our graduates have gone into roles including:

- Production management
- Nutrition
- Food quality and safety
- Sales and marketing
- New product development and research

There are also excellent graduate study opportunities available.

Accredited By:

Key Fact

The UCD Food Science course is internationally accredited by the Institute of Food Technologists (IFT). This award is granted to educational institutions that have food science courses which offer curricula and options that the IFT Higher Education Review Board has determined meet the IFT Undergraduate Education Standards for Degrees in Food Science.

www.myucd.ie/food-science
Dr Niamh Harbourne
UCD School of Agriculture and Food Science
niamh.harbourne@ucd.ie
Instagram/Facebook/Twitter:@MyUCD

LEARN MORE

Other Courses of Interest:

HUMAN NUTRITION

BSc (Hons) (NFQ Level 8)

With a passion for food, health and sport I wanted to learn more about the importance of nutrition not just in everyday life but in performance. UCD is a friendly and welcoming environment, with many opportunities to make friends through clubs and societies. I completed my professional work experience at the National Maternity Hospital where I was involved in a number of research studies, allowing me to develop my nutrition, research and communication skills. My PWE and studies have equipped me with a comprehensive skillset that I can carry through to the professional working world. I would highly recommend this course.

Emma Hokey, Graduate

CAO Code: DN262

CAO Points Range 2022: **554-602**
Length of Course: **4 years**
Places: **34**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Health Screening & Garda Vetting
See page 198

Why is this course for me?

Nutrition is the interaction between food and our health and is becoming increasingly important in our society. The Human Nutrition programme in UCD provides a comprehensive education in nutritional sciences, from biochemistry to molecular and public health nutrition, nutrition communication and food regulatory affairs. You will gain knowledge of biological systems and their application to human nutrition, allowing you to apply your skills in a variety of areas in the food and health industry. Join us at UCD, where building a healthy world is a core strategy and our internationally recognised strength in food, nutrition, and health research sets us apart.

What will I study?

The early years focus on core sciences and general food and health modules, which build your knowledge of biological systems and their application to human nutrition. After significant Professional Work Experience (PWE) in year three, final year focuses on specific areas of human nutrition.

First & Second Year

Core material (chemistry, biology, nutritional biochemistry) • Nutrients & the Role of Nutrition through the Life Stages • Physiology for Nutrition • Nutrition Research modules

Third & Fourth Year

10-month PWE • Molecular, Public Health & Clinical Nutrition • Nutrition & Communication • Food Regulation • Research Project

Students spend an average of 40 hours a week attending lectures and tutorials, participating in laboratory workshops, and undertake independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In third and fourth year, you will complete comprehensive research projects.

The Human Nutrition course at UCD is accredited by the Association for Nutrition.

Professional Work Experience (PWE) & International Study Opportunities

The 10-month PWE programme allows you to graduate with the skills necessary to enter the working world.

Opportunities for international placements exist as part of the PWE component and, upon graduation, through world-class research groups in international universities.

Career & Graduate Study Opportunities

Graduates have found employment in:

- The food industry
- Nutrition research
- Health promotion

You can do further study and/or applied practice training to become a public health nutritionist. Another graduate study opportunity is to apply to the popular MSc in Clinical Nutrition and Dietetics programme at UCD.

Building a healthy world is one of UCD's core strategies and many of our graduates have been recruited into PhD and MSc related research posts due to our internationally recognised strength in food, nutrition and health research.

Accredited By:

AfN ACCREDITED PROGRAMME
ACCREDITATION NO: AC211

Key Fact

The UCD School of Agriculture and Food Science is the first destination of choice for students in Ireland interested in developing their careers in Agriculture, Food Science and Human Nutrition.

Other Courses of Interest:

LEARN MORE

www.myucd.ie/human-nutrition
Professor Sharleen O'Reilly
UCD School of Agriculture and Food Science
sharleen.oreilly@ucd.ie
Instagram/Facebook/Twitter:@MyUCD

VETERINARY MEDICINE

UCD Veterinary Medicine is the only centre for veterinary medical education in Ireland. It enjoys a long and proud tradition, and the school has achieved an international reputation. It provides excellent facilities for the care of animals and offers outstanding training opportunities for veterinary medical and veterinary nursing students.

Why UCD Veterinary Medicine?

UCD Veterinary Medicine is one of the leading veterinary schools in Europe. As well as having Irish (VCI – Veterinary Council of Ireland), UK (RCVS - Royal College of Veterinary Surgeons), European (EAEVE European Association of Establishments of Veterinary Education) and Australian/New Zealand (AVBC Australasian Veterinary Boards Council) full accreditation, it has also been granted full accreditation by the American Veterinary Medical Association (AVMA), whose educational standards of excellence are recognised worldwide as the gold standard in veterinary education.

Our state-of-the-art facility in the Veterinary Sciences Centre, on UCD's main Belfield campus, is also home to the UCD Veterinary Hospital. The hospital offers high-quality veterinary services for farm, equine and companion animals, and this case load provides vital opportunities for our students to complete their clinical training requirements.

Our facilities, our staff and the environment of a major research-intensive university allow us to expand the frontiers of knowledge in veterinary research, thus advancing animal health, animal welfare and human health. This research informs our educational programmes to give our students a world-class education, whether they are studying to be veterinary nurses, veterinarians, veterinary specialists or pursuing advanced research degrees.

Your First Year Experience

From the very start, you will receive a strong grounding in normal animal structure and function, animal handling, welfare, nutrition, breeding and management, ensuring you are well prepared for your later study. You will also be introduced to aspects of your development as a professional person in preparation for the professional work setting after you graduate. As well as lectures, small group tutorials and practical classes are a great way to get to know your fellow students and make new friends.

In first year, you will benefit from a mix of campus-based and off-site educational experiences. At the Veterinary Sciences Centre in Belfield, you will study the foundations of biomedical science, while at UCD Lyons Farm you will have practical sessions to help you handle a variety of animal species safely, and learn about their normal management, feeding and breeding. You will also have the opportunity to study elective modules from the wide menu provided right across the university, as well as being introduced to university life and a wide range of clubs and societies.

Find out more:
UCD Veterinary
Medicine Virtual Tour

@MyUCD

STUDYING UCD VETERINARY MEDICINE

YEARS 1 & 2 — Basic underpinning sciences (pre-clinical)

Normal Structure & Function | Animal Production, Behaviour & Welfare

EMS: Animal Handling Competencies | Electives | Professionalism | Epidemiology

Graduate Entry (One-year)

YEARS 3 & 4 — Paraclinical and clinical sciences

Pathobiology & Infectious Disease | Surgery | Medicine

Herd Health | Professionalism | Veterinary Public Health

Clinical EMS | Applied Therapies

YEAR 5 — Prepare for professional practice with clinical rotations (themes)

Small Animal Clinical Studies | Farm Animal Clinical Studies | Diagnostic Imaging | Anaesthesiology

Emergency Medicine | Clinical Reproduction | Herd Health | Surgery

Diagnostic Pathology | Clinical Pathology | Equine Clinical Studies

Clinical EMS | Elective Study

Extramural Studies (opportunities to study abroad)

MVB (Honours)

Specialise through UCD graduate study

Taught Graduate Programmes

Examples:

- Dairy Herd Health
- Small Animal Medicine
- Equine Sports Medicine

Masters (Taught & Research) & PhD

Negotiated Programmes Available

Veterinarian

- Practice Owner
- Practice Partner
- Practice Assistant
- Animal Charities

Shape your career with UCD Veterinary Medicine

Career Opportunities

- Biomedical Research
- Government Agencies
- Industry Consultancy
- International Organisations (WHO, FAO)
- Academic Teaching
- Research

Continue to develop your professional career with UCD

VETERINARY MEDICINE

MVB (Hons) (NFQ Level 8)

As an International student at UCD I have never felt out of place. All of the students, professors, and support staff have been especially welcoming and friendly to me. The student advisor is a huge support for students and is available to listen, offer support and guidance, or even just to have a friendly conversation over a cup of tea. One thing I love about UCD is how many different opportunities are available to us while doing our CEMS placements. There are opportunities to do work experience at home or abroad and even possibilities to tailor CEMS to your specific fields of interest! I have tremendously enjoyed my time studying at UCD, meeting people from all over the world, and getting to travel Europe during some breaks!

Kimberlee Woodling, Student

CAO Code: DN300

CAO Points Range 2022: **601-625**
Length of Course: **5 years**
Places: **82**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements

- H5 Chemistry
- O6/H7 in English, Irish, Mathematics, a third language and one other recognised subject

Practical Experience Requirement
Undergraduate students applying through the CAO system will be required to demonstrate that they have acquired at least 60 hours practical experience relevant to animal handling between 1st February 2021 to 6th July 2024 Details to be submitted by 6th July 2024. For full details and to complete your records of experience please visit: www.ucd.ie/registry/admissions/vet.html

Students who have previously been unsuccessful in any Veterinary Medicine programme (i.e. have not met academic or other requirements within the programme) will only be considered for admission to Veterinary Medicine in UCD on a case-by-case appeal basis, to be considered by the relevant Programme Board.

Please note: Biology at Leaving Certificate is not required but it is strongly recommended

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

This course will educate you to the best international standards in veterinary medicine and is accredited nationally by the Veterinary Council of Ireland (VCI), by the European Association of Establishments for Veterinary Education (EAEVE) and is one of only six veterinary schools in Europe currently accredited by the American Veterinary Medical Association (AVMA). The veterinary profession is concerned with the promotion of the health and welfare of animals of special importance to society. This involves the care of healthy and sick animals, the prevention, recognition, control and treatment of their diseases and of diseases transmitted from animals to man, and the welfare and productivity of livestock.

The study of Veterinary Medicine necessitates using animal-derived material in some classes. Any animal tissue used in classes is ethically sourced in full compliance with the university's ethical review body. Anyone who objects unreservedly to the use of animal material in teaching should not enter the veterinary medicine course.

What will I study?

This course will prepare you for entry into any branch of the profession. Modules includes:

First & Second Year

Normal Animal Structure & Function • Animal Husbandry & Welfare • Animal Handling & Animal Experience • Professionalism

Third & Fourth Year

Pathobiological Sciences • Medicine • Surgery • Therapeutics • Herd Health & Population Medicine • Veterinary Public Health • Professionalism

Fifth Year

Clinical rotations in the UCD Veterinary Hospital (see year five in model opposite) • Elective studies • Clinical experience • Professionalism

During the first four years, students spend an average of 40 hours per week attending lectures, tutorials and practical classes, with some practical classes taking place at UCD Lyons Farm. During the final year, clinical rotations take place mainly in the UCD Veterinary Hospital and can involve early mornings and some late-night work. Students are also expected to undertake independent study.

A combination of end-of-trimester written, practical and competency examinations, along with in-trimester continuous assessment, is used throughout the course.

Students are also required to complete 36 weeks of work placements (pre-clinical extramural studies and clinical extramural studies) as part of the course requirements.

International Study Opportunities

Many students choose to obtain part of their extramural experience abroad, in veterinary hospitals or other veterinary schools. The high standing and international recognition of Veterinary Medicine at UCD ensures that they are readily accepted for such placements.

Career & Graduate Study Opportunities

You can work in mixed, small animal, farm animal or equine practice. You may also obtain further specialist clinical qualifications. Beyond clinical practice, veterinarians play an important role in the protection of public health, in research into diseases of animals and man, and in other areas such as conservation and wildlife protection. While most graduates work in clinical practice, increasing numbers pursue research in public service or private sector research. This reflects the important role of the veterinarian in animal health control and consumer protection. At present, there is almost complete employment for veterinary graduates.

Other Courses of Interest:

Medicine	145
Biomedical Health & Life Science	147
Animal Science	165
Animal Science - Equine	166

LEARN MORE

www.myucd.ie/veterinary-medicine
UCD Veterinary Medicine School Office
+353 1 716 6100
vetprogrammes@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Being a part of the UCD veterinary medicine community has been a dream come true for me. The opportunity to travel, meet people from all over the world, and be immersed in the local language and culture are just a few of the highlights for me. Close proximity to the UCD Vet Hospital and access to research projects in the school are reasons why I chose UCD. I identify with UCD's 'One Health' approach to medicine and the pre-clinical and clinical skills I have gained, have helped build my confidence, in my future veterinary medicine career. From day one the staff have all been incredibly welcoming and supportive. I look forward to continuing my education at UCD and I am very grateful for this opportunity!

Claudia Da Silva, Student

VETERINARY MEDICINE (GRADUATE ENTRY)

MVB (Hons) (NFQ Level 8)

CAO Code: DN301

Length of Course: **4 years**
Places: **5**

Entry Requirements
See www.myucd.ie/vmge

Application Procedure
For full details about the application procedure, please visit www.myucd.ie/vetmedgradentry

Students who have previously been unsuccessful in any Veterinary Medicine programme (i.e. have not met academic or other requirements within the programme) will only be considered for admission to Veterinary Medicine in UCD on a case-by-case appeal basis, to be considered by the relevant Programme Board.

Why is this course for me?

With so much competition for entry to Veterinary Medicine from school leavers, many candidates with the necessary aptitude and attitude required to develop productive, professional careers in veterinary medicine are unable to secure a place. By increasing the number of places available to graduates with appropriate prior learning, and by providing a tailor-made course over four years for graduate entrants, we have increased student diversity and provided enhanced opportunities for entry.

To apply for this four-year course, you must have completed a degree in biological, biomedical or animal sciences before entry into the course. This graduate entry course is designed to educate future veterinarians to the best international standards in veterinary medicine and to prepare them for careers in professional work, research and public service.

Clinical rotations take place primarily in the UCD Veterinary Hospital in Belfield, which receives a range of pet species, farm animals and horses.

The study of Veterinary Medicine necessitates using animal-derived material in some classes. Any animal tissue used in classes is ethically sourced in full compliance with the university's ethical review body. Individuals who object unreservedly to the use of animal material in teaching should not enter the veterinary medicine course.

What will I study?

The course is organised over four years. In first year, students will build on their knowledge of the basic biological sciences. You will take modules that demonstrate how this knowledge is applied in the practice of veterinary medicine, and gain a firm grounding in animal welfare, behaviour and handling. A key objective will be to ensure that you have the required knowledge, skills and competencies to progress to second year. Between second and fourth year, you will take combined modules with students taking the DN300 degree in Veterinary Medicine.

Eligibility Criteria

The four-year graduate entry course is open to applicants who:

1. Hold an honours degree (NFQ Level 8) in a biological, biomedical or animal science discipline at the level of a 2.2 Honours or above, a Masters degree or a PhD. (Graduates of any discipline are welcome to apply for entry to the five-year MVB programme. Up to five places will be made available in DN300)
2. Are EU applicants (i.e. not deemed "Non-EU" applicants for purposes of fees)

Graduate entry candidates will be assessed on a combination of:

i) GAMSAT score

ii) Educational performance

iii) A personal statement outlining their motivation to study Veterinary Medicine

iv) Applicants are expected to have gained relevant work experience of handling animals. This should, where possible, include not only seeing veterinary practice, but also spending time on livestock farms and other animal establishments.

v) Applicants may be called for interview

Career & Graduate Study Opportunities

You can work in mixed, small animal, farm animal or equine practice. You may also obtain further specialist clinical qualifications. Beyond clinical practice, veterinarians play an important role in the protection of public health, in research into diseases of animals and man, and in other areas, such as conservation and wildlife protection. While most graduates work in clinical practice, increasing numbers pursue research in public service or private sector research. This reflects the important role of the veterinarian in animal health control and consumer protection. At present, there is almost complete employment for veterinary graduates.

www.myucd.ie/vmge
UCD Veterinary Medicine School Office
+353 1 716 6100
vetprogrammes@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:
Medicine (Graduate Entry) 146

VETERINARY NURSING

BSc (Hons) (NFQ Level 8)

CAO Code: DN310

CAO Points Range 2022: **500-578**
Length of Course: **4 years**
Places: **44**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

As my final year in Veterinary Nursing comes to a close, I have been reflecting on my journey here over the last 4 years. Coming into UCD as a mature student, I was initially apprehensive as to what to expect. The Veterinary school staff and student support have been incredible, with no problem or query too big or small for them to help you with. I will miss the feeling of community and all the friendly faces of those who just want you to excel here. Leaving with the immense knowledge and practical skills I have gained since year one, I am confident my time here in UCD will aid me to excel at my career as a registered veterinary nurse and beyond.

Lauren Curran, Student

Why is this course for me?

In response to the recognition and registration of veterinary nursing as a profession in Ireland, UCD developed and implemented a full-time, four-year honours BSc Veterinary Nursing degree course in 2009. The degree provides the graduate with not only a sound academic foundation but also the practical skills and competencies with which to build a solid career as a professional veterinary nurse.

The course is accredited by the Veterinary Council of Ireland (VCI) and by the European Accreditation body ACOVENE.

What will I study?

First & Second Year

Students receive a high-quality education through lectures, tutorials and practical classes, as well as off-site work experience. The curriculum reflects the demands on the Irish veterinary nurse in practice by incorporating teaching on small animal (including exotics), farm animal and equine nursing.

During the first two years, students spend an average of 30 hours per week attending lectures, tutorials and practicals on all aspects of veterinary nursing, including classes:

Comparative Veterinary Anatomy & Physiology I & II • General Veterinary Nursing & Animal Handling • Veterinary Anaesthesia & Therapeutics • Surgical Nursing • Professionalism & Introductory Chemistry

Third & Fourth Year

During third year, you undertake additional modules and will complete work placements within veterinary practices that are committed to veterinary nurse training.

During the final year, Veterinary Nursing rotations largely take place in the UCD Veterinary Hospital and can involve early mornings and some late-night work. Students are also expected to undertake independent study.

Assessment is via a combination of end-of-trimester written and practical examinations, along with continuous assessment during trimesters.

All students must pass a veterinary nursing skills exam to graduate and register as a veterinary nurse in Ireland. This Exam is held in the latter part of the course.

Career & Graduate Study Opportunities

In addition to the highly skilled role of veterinary nursing in the practice environment, strong demand exists for qualified veterinary nurses in a number of related fields:

- Animal nutrition
- Pet insurance
- Pharmaceutical industry
- Practice management
- Animal welfare
- Charitable work
- Education

You will also have the opportunity to pursue graduate studies, thereby actively contributing to academic and research fields both within your profession and in related sciences.

Other Courses of Interest:

LEARN MORE

www.myucd.ie/veterinary-nursing
UCD Veterinary Medicine School Office
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vetprogrammes@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

ENGINEERING

Why UCD Engineering?

If you have an enquiring mind, a desire to innovate and develop solutions to problems that have real social, societal and economic impact, you will find an engineering education both stimulating and rewarding. Will you invent life-saving medical devices, create new modes of communication, develop alternative sources of renewable energy or tackle worldwide environmental issues?

UCD provides a first-class education across our engineering disciplines, which are variously accredited by Engineers Ireland, the Institution of Chemical Engineers (IChemE) and the Institute of Materials, Minerals and Mining (IoM3). We provide a rigorous education in the fundamental engineering subjects and help you to develop problem-solving and design skills, based on maths and physics.

At UCD, we place considerable emphasis on the mastery of analytical skills and the use of quantitative methods. Study is based on solid mathematical, scientific and engineering principles. Essentially, these are the fundamentals of engineering and they will enable you to navigate successfully through the challenges you will face in your future career. We work with industry to ensure that our programmes produce graduates who are highly skilled and trained to address the problems that organisations and society face. We also pride ourselves on being research intensive and our curricula engage students in a culture of academic excellence and inquiry. This, coupled with the fact that our lecturers are experts in their fields, makes UCD the first choice for anyone interested in engineering.

Your First Year Experience

As a UCD Engineering student you will enrol in a common first year, which allows you to gain an understanding of the many different engineering disciples available, before being offered an unrestricted choice of specialisation, subject to health and safety based capacity constraints. Overall, there are 285 places in DN150. The average number of students taking each specialisation is shown on the relevant page.

UCD has the widest range of degree choices in the country and, after completing this common first year, you can choose your second-year pathway from one of the following:

- Biomedical Engineering
- Chemical & Bioprocess Engineering
- Civil Engineering
- Electrical & Electronic Engineering
- Mechanical Engineering
- Structural Engineering with Architecture

Your chosen area of specialisation in second year will also offer routes to further branches of engineering at a Masters level. The range of study and career opportunities that can be accessed through our bachelor's and Masters degree options is illustrated on the 'Studying UCD Engineering' diagram. You can choose a Bachelor of Engineering Science, BSc (3 years), a Bachelor of Engineering, BE (4 years) or a Master of Engineering, ME (5 years).

Since 2013, the educational standard for the professional title of Chartered Engineer (Engineers Ireland) has been an accredited Masters degree programme in engineering or equivalent. In the School of Chemical & Bioprocess Engineering, the 4-year BE degrees meet the educational standard for the professional title of Chartered Engineer, through the Institution of Chemical Engineers (IChemE).

Career & Graduate Study Opportunities

A world of opportunity awaits you as a UCD Engineering graduate and, as our courses are professionally accredited, they are fully recognised internationally. You will be able to establish a career in many sectors, including:

Business • Construction • Design • Education • Energy/Clean Technology • Environment • Finance • Food • Healthcare • Information & Communications Technology • Infrastructure • Management • Manufacturing • Pharmaceuticals • Research & Academia

You will be equipped with a mindset and skills that will make you an asset to any employer. The Engineering education offered by UCD is recognised by the world's top companies. In addition to our wide range of BE degrees, UCD has numerous graduate programmes including taught Masters degree – see opposite. There are also research programmes available to students at both Masters and PhD level.

Find out more:
UCD Engineering
Virtual Tour

@MyUCD

STUDYING UCD ENGINEERING

YEAR 1 — Explore your options

Physics	Chemistry	Mathematics		
Energy Engineering	Mechanics	Electrical/ Electronic Engineering	Creativity in Design	Engineering Computing

These core modules are supplemented by a range of option modules that will enable you to develop within your chosen specialisation and areas of interest.

YEARS 2 & 3 — Choose your pathway

Biomedical	Chemical & Bioprocess	Civil	Electrical/Electronic	Mechanical	Structural Engineering with Architecture

Optional Study Abroad Opportunity (Year 3)

YEARS 4 & 5 — Focus on your area(s) of specialisation

Graduate with a Bachelor of Engineering

BE (4 years) Bachelor of Engineering

- Biomedical
- Chemical & Bioprocess**
- Chemical with Biochemical Minor**
- Civil
- Electrical
- Electronic
- Mechanical

ME (5 years) Master of Engineering

- Biosystems & Food*
- Biomedical
- Chemical & Bioprocess
- Civil, Structural & Environmental
- Electrical Power
- Electronic & Computer
- Energy Systems
- Engineering with Business
- Manufacturing
- Materials Science & Engineering
- Mechanical
- Structural Engineering with Architecture
- Professional Work Experience

Graduate with a Bachelor of Engineering Science + Master of Engineering

Specialise further through UCD graduate study

Taught & Research Masters

- Biopharmaceutical Engineering
- Digital Technology for Sustainable Agriculture
- Chemical Engineering
- Electronic & Computer Engineering
- Engineering Management
- Environmental Technology
- Food Engineering
- Electrical Power Networks
- Materials Science & Engineering
- Structural Engineering
- Sustainable Energy & Green Technologies
- Water, Waste & Environmental Engineering

Doctor of Philosophy (PhD) Engineering

Research & Academia

Shape your career with UCD Engineering

Job Sectors

- Business & Media
- Construction
- Design
- Education
- Energy
- Environment
- Finance
- Food
- Healthcare
- Information & Communications Technology (ICT)
- Management
- Manufacturing
- Pharmaceuticals
- Research & Academia

Continue to develop your professional career with UCD

*The ME Biosystems and Food Engineering is accessible from all Engineering Pathways.
** Both BE degrees meet the educational standard for the professional title of Chartered Engineer, through the Institution of Chemical Engineers (IChemE).

BIOMEDICAL ENGINEERING

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

Biomedical engineering is a very innovative field, with 13 of the top 15 biomedical companies present in Ireland. In UCD you are taught engineering principles to explore the world of clinical medicine, developing technologies and biology through a highly project based syllabus and interactive classes. The placement aspect of the course provides invaluable experience to develop real world professional competencies. My degree in Biomedical engineering has enabled me to pursue a prosperous R&D career in the medical device industry performing meaningful work and I would highly recommend this course to anyone.

Michael Rodgers, Graduate

CAO Code: DN150

CAO Points Range 2022: **566-625**
Length of Course: **3 Years (BSc)(Hons) + 2 Years (ME) or 4 Years (BE)**
Typical Class Size: **39**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Biomedical Engineering involves the application of traditional engineering principles to healthcare and medicine. We can think of the brain and nervous system as a large communication system, which co-ordinates and transmits signals around the body, and the organs and limbs as sophisticated engineering systems that control functions such as movement, respiration and blood flow.

UCD Biomedical Engineers are educated with a strong foundation in electrical, electronic and mechanical engineering, which is complemented by an understanding of physiology and anatomy. This foundation is applied to problems in medicine and healthcare in specialised modules such as Biomechanics, Medical Device Design, Neural Engineering, Rehabilitation Engineering and Cell Culture & Tissue Engineering. If you are interested in developing new medical techniques, systems and devices, and you want to be involved in the breakthroughs that are improving the healthcare system for doctors and patients every day, then this is the course for you.

What will I study?

First Year

Engineering students follow a common first year. Modules include: Calculus • Chemistry • Creativity in Design • Electrical/ Electronic Engineering • Energy Engineering • Engineering Computing • Linear Algebra Mathematics • Mechanics • Physics

Second to Fifth Year

Core modules for Biomedical Engineering students may include:

Bioinstrumentation • Biomechanics • Biomaterials • Neural Engineering • Cell Culture & Tissue Engineering • Biomedical Signal Processing • Medical Device Design • Rehabilitation Engineering • Medical Sciences for Engineers • Introduction to Physiology • Electrical & Electronic Circuits • Computer Engineering • Electromagnetics • Mechanics of Fluids • Mechanics of Solids • Applied Dynamics • Multivariable Calculus • Statistics & Probability • Modelling and Simulation

These core modules are supplemented by a range of option modules that will enable you to develop within your chosen specialisation and areas of interest.

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops, group projects and undertaking independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In your final year, you will also submit a report on your research project.

Progression Requirement

At the end of year 3, students can choose either to pursue a 4-year BE or 5-year Integrated ME degree pathway, subject to meeting GPA requirements.

Professional Work Experience

Professional Work Experience (PWE) is incorporated into the 4th year of the integrated ME Biomedical Engineering programme. Six to eight-month internships (the majority of which are paid) have included the following employers: BD Medical, Boston Scientific, DePuy Synthes, Medtronic, Novartis, Stryker and ResMed.

International Study Options

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University. There are options to study in countries such as Australia, New Zealand, Canada, USA.

Career & Graduate Study Opportunities

Graduates can find employment in:

The Medical Technologies Industries • Pharmaceutical Industries • Medical Device Design • Rehabilitation Engineering • Device Manufacturing • Regulation • Engineering Consultancy

Graduates can also pursue a taught or research Master of Biomedical Engineering. You can study for a PhD and work with some of the world's leading experts on ground-breaking research.

Accredited By:

ENGINEERS IRELAND
ACCREDITED PROGRAMME

Other Courses of Interest:

Medicine	145
Electrical/Electronic Engineering	187
Mechanical Engineering	188

LEARN MORE

www.myucd.ie/biomedical-engineering
UCD Engineering and Architecture
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katie.oneill@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I have always had a passion and interest in science and maths but wasn't sure what course to choose in order to develop my interest further. I finally decided to study engineering in UCD, where the common first year allowed me to be innovative and utilise my problem-solving skills in many different engineering disciplines. I never thought I would choose to specialise in Chemical & Bioprocess Engineering, but I haven't regretted it since. The staff within the school have taught me how to design, implement and optimise chemical and biochemical processes to be used in all areas of society. Throughout my time in UCD, I have grown academically, professionally, and personally due to project work, extra-curricular activities, and with the help of the excellent supports available.

Adesola Ojomo, Student

CHEMICAL & BIOPROCESS ENGINEERING

BE (Hons) (NFQ Level 8) leading to ME (NFQ Level 9)

CAO Code: DN150

CAO Points Range 2022: **566-625**
Length of Course: **4 Year (BE) + 1 Year (ME)**
Typical Class Size: **41**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Accredited By:

Internationally ACCREDITED Degree
IChemE

Why is this course for me?

Chemical & Bioprocess Engineering (CBE) deals with the ingenious transformation of matter and energy into products and services. More specifically, it addresses the design and operation of facilities needed to achieve this transformation in a technically, economically and environmentally acceptable manner.

Examples of products include petrochemicals, (bio)pharmaceuticals , vaccines and nano-materials. Examples of services include energy supply (from carbon-based to renewable resources), clean air and CO2-sequestration.

As a Chemical & Bioprocess Engineer, you will use the sciences as the basis for understanding these transformations; you will apply mathematical and engineering principles to realise them on the appropriate scale. If you seek invention and want to work at the interface between the sciences, mathematics and engineering, with a broad and well-paid portfolio of career opportunities, strongly consider CBE.

What will I study?

First Year

Engineering students follow a common first year. Modules include: Calculus • Chemistry • Creativity in Design • Electrical/ Electronic Engineering • Energy Engineering • Engineering Computing • Linear Algebra Mathematics • Mechanics • Physics

Second to Fifth Year

Core modules for Chemical & Bioprocess Engineering students may include: Organic Chemistry • Inorganic & Physical Chemistry • Engineering Measurement • Computing in Chemical & Bioprocess Engineering • Reaction Engineering • Chemical & Bioprocess Engineering • Thermodynamics & Kinetics • Commercial Pharmaceutical & Bioprocessing Technology • Chemical & Bioprocess Engineering Design • Environmental Engineering • Advanced Separation Processes • Advanced Experimental Designs • Cell & Tissue Engineering • Downstream Processing • Unit Operations • Heat Transfer and Fluid Mechanics • Bioprocess Scale-up and Technology Transfer • Process Control • Facility Design and Operation • Professional Engineering

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops, group projects and undertaking independent study.

A combination of end-of-trimester written examinations and continuous assessment is used, culminating in the submission of advanced research and design projects

Professional Work Experience

Professional Work Experience (PWE) is incorporated into the 4th year of the integrated ME Chemical & Bioprocess Engineering programme. Six- to twelve-month internships (the majority of which are paid) have included the following employers: AbbVie, Alexion, APC, BMS, GSK, FDT, Regeneron, Jacobs, Lilly, MSD, Pfizer and PM Group.

International Study Options

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University. There are options to study in countries such as UK, China, Australia, Canada, USA, Singapore, New Zealand.

Career & Graduate Study Opportunities

UCD has the oldest, largest and most research-active School of Chemical & Bioprocess Engineering in Ireland and is benchmarked competitively against the top schools in Europe and abroad. Our graduates are among the best-paid engineering professionals and sought after for employment in sectors from chemical to (bio)pharmaceutical and from energy to consultancy and design. We offer taught and research Masters and PhD opportunities, and our graduates also enter Masters and PhD programmes in leading international universities.

Both the BE and ME degrees are accredited at the Masters level by the Institution of Chemical Engineers, while our ME has achieved Masters level accreditation by Engineers Ireland.

www.myucd.ie/cabe
UCD Engineering and Architecture
College Office
+353 1 716 1916
katie.oneill@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Chemistry 121
Chemistry with Biophysical Chemistry 122
Biomedical Engineering 184

CIVIL ENGINEERING

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

I chose to study civil engineering because of its fascinating ability to change the world and I wanted to play a part in driving that change. I am currently working for a structural engineering firm in New York City designing and engineering high-rise buildings and sports venues. This course in UCD prepared me with the necessary problem-solving skills and knowledge to navigate these fast-paced and challenging environments. It taught me about the theory and practicalities of engineering on site and in the design office. It also enabled me to explore new technologies for innovative and sustainable design which helped shape my research project for long span stadium roof design.

Clíodhna Ni Dhugain, Graduate

CAO Code: DN150

CAO Points Range 2022: **566-625**
Length of Course: **3 Years (BSc)(Hons) + 2 Years (ME) or 4 Years (BE)**
Typical Class Size: **26**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Civil Engineering deals with the design, construction and maintenance of the physical and naturally built environment.

It includes the design of bridges, buildings, roads and dams, and works relating to management of our water resources. The work of civil engineers is evident all around us and their contribution to society is impactful. This work incorporates environmental protection; large-scale construction projects; ensuring the provision of safe drinking water; designing and implementing strategies for treating wastewater and pollutants; development of transport infrastructure; flood prevention; and the design of foundations for different ground conditions.

Skills for meeting these requirements are developed in UCD Civil Engineering, in core areas of structural design, water and environmental engineering, transport engineering and geotechnical (soil and foundation) engineering.

What will I study?

First Year

Engineering students follow a common first year. Modules include: Calculus • Chemistry • Creativity in Design • Electrical/ Electronic Engineering • Energy Engineering • Engineering Computing • Linear Algebra Mathematics • Mechanics • Physics

Second to Fifth Year

Core modules may include:

Theory, Design & Analysis of Structures • Hydraulic Engineering • Treatment Processes for Water & Wastewater • Geotechnics • Construction Materials & Practice • Transportation Engineering • Highway Engineering • Environmental Engineering • Hydraulics • Geology • Mechanics of Solids • Computer Applications • Design and Communications • Statistics & Probability • Professional Engineering studies

A student's week involves attending lectures, tutorials, participating in laboratory classes and undertaking project and design exercises, both individually and in teams. Coursework is continually assessed but modules also include end-of-trimester written examinations.

Progression Requirement

At the end of year 3, students can choose either to pursue a 4-year BE or 5-year Integrated ME degree pathway, subject to meeting GPA requirements.

Professional Work Experience

Professional Work Experience (PWE) is incorporated into the 4th year of the integrated ME Civil Engineering programme. Eight-month internships (the majority of which are paid) have included the following employers: AECOM, Arup, ESB, Malone O'Regan, MJH Structural Engineers, Walls Construction, Roughan & O'Donovan, RPS and Sisk.

International Study Opportunities

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University. There are options to study in countries such as France, Germany, Switzerland, UK, Australia, New Zealand, Canada, USA, Singapore.

Career & Graduate Study Opportunities

Graduates can find employment in:

- Environmental industries
- Transportation engineering
- Water resource and hydraulic engineering
- Management and project management
- Financial services
- Structural engineering
- Research

Graduates can apply for taught and research Masters degrees in UCD including Civil, Structural & Environmental Engineering, Water, Waste & Environmental Engineering and Engineering with Business. Graduates can also apply for positions in PhD research programmes.

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Other Courses of Interest:

Mechanical Engineering 188
Landscape Architecture 195
Structural Engineering with Architecture 189

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I decided to study Electronic Engineering at UCD for the balance of mathematics and programming, and the exciting opportunities that come with it. From the beginning, I have developed an aptitude for solving complex problems and effectively communicating solutions to others in a clear and concise manner. I have grown to appreciate that engineering is not just a career – it is a way of thinking. You don't begin to appreciate the true essence of the theory until you apply it. I have explored this through UCD Formula Student, where I worked with a team of student engineers in the design of the control system for our electric race car. As I pursue a MSc in Finance next year, I know that my grounding in engineering will be an invaluable asset for the rest of my career.

Conor Maguire, Graduate

ELECTRONIC ENGINEERING OR ELECTRICAL ENGINEERING

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

CAO Code: DN150

CAO Points Range 2022: **566-625**
Length of Course: **3 Years (BSc)(Hons) + 2 Years (ME) or 4 Years (BE)**
Typical Class Size: **66**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Electrical and Electronic Engineers have revolutionised the way we live today. As an electronic or electrical engineer, you can lead the way in designing technologies that will shape our world, using creative ways to generate and handle electricity and information. Electronic engineers have developed the technologies we use for communication, data analytics, eHealth, smart homes and vehicles, entertainment and many other things, including smartphones and the Internet. Electrical engineers are also developing new ways to solve the world's energy problems by harnessing renewable energy sources like wind and ocean energy.

What will I study?

First Year

Engineering students follow a common first year. Modules include: Calculus • Chemistry • Creativity in Design • Electrical/ Electronic Engineering • Energy Engineering • Engineering Computing • Linear Algebra Mathematics • Mechanics • Physics

Second to Fifth Year

Students on this degree follow the same pathway until their third year, when they specialise in either Electrical or Electronic Engineering. Core Modules may include: Electrical & Electronic Circuits • Electromagnetics • Digital Electronics • Electrical Energy Systems • Communication Systems • Signal Processing • Analogue Electronics • Power System Engineering • Power System Operation & Design • Computer Engineering • Solid State Devices • Circuit Theory • Signals and Systems • Modelling and Simulation • Wireless Systems • Digital Communications • Power Electronics and Drives • Applications of Power Electronics • Software Engineering • Professional Engineering

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops, group projects and undertaking independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In your final year, you will undertake a substantial project, involving a combination of research and design in your area of interest. This will be assessed using reports, presentations and an interview.

Progression Requirement

At the end of year 3, students can choose either to pursue a 4-year BE or 5-year Integrated ME degree pathway, subject to meeting GPA requirements.

Professional Work Experience

Professional Work Experience (PWE) is incorporated into the 4th year of the integrated ME programmes. Six- to eight-month internships (the majority of which are paid) have included the following employers: Accenture, Analog Devices, Eiratech Robotics, EirGrid, ESB, FoodMarble, Intel, SuperNode, Microsoft, Workday and AMD Xilinx.

International Study Opportunities

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University. There are options to study in countries such as Australia, New Zealand, Canada, USA, China, Singapore, France, Germany, Switzerland, UK.

Career & Graduate Study Opportunities

You will be involved in projects that make a difference to the world, e.g. harnessing new sources of energy or developing advanced digital technologies. Exciting opportunities exist in areas such as designing new means of communication, novel transportation systems or the next generation of multimedia devices, studying the human brain, working with electrical energy systems or developing new imaging techniques.

You can also pursue graduate study internationally or as part of a UCD Masters degree, e.g. ME in Biomedical Engineering, ME in Electronic & Computer Engineering, ME in Electrical Power Engineering, ME in Engineering with Business.

Accredited By:

ENGINEERS IRELAND
ACCREDITED PROGRAMME

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Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Mathematics	126
Computer Science	140
Computer Science with Data Science	141
Biomedical Engineering	184

MECHANICAL ENGINEERING

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

I chose to study engineering at UCD because of my deep interest in science and innovation. Ultimately, I wanted a career in which I could make a positive and meaningful impact on society. Academically, the course is challenging but extremely rewarding. The curriculum encourages creativity and independent thinking. Many modules include project-based assessments, which are often made into fun competitions. One of the highlights of my college experience was studying at UC Berkeley during my third year. Thanks to UCD's well-established reputation internationally, the opportunity to study abroad is offered to all engineering students. If you have an interest in maths, enjoy solving problems and are keen to have a hands-on experience at university, engineering will be a good fit for you.

Doireann Shaffrey, Graduate

CAO Code: DN150

CAO Points Range 2022: **566-625**
Length of Course: **3 Years (BSc)(Hons) + 2 Years (ME) or 4 Years (BE)**
Typical Class Size: **121**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

Mechanical engineers help improve our world. We face unprecedented challenges, from understanding climate change, to managing global mobility, to finding sustainable growth pathways for the burgeoning population in the developing world. Mechanical Engineering in UCD provides you with the education, skills and knowledge you will need to understand the challenges, and help to develop the new solutions we need. Working in areas ranging from energy to aerospace, biomedicine or manufacturing, mechanical engineers are changing our world for the better.
They create new solutions, integrate disparate technologies, increase energy efficiency, reduce our consumption of natural resources and minimise our impact on the local and global environment. If you want to help forge a path to a brighter future, Mechanical Engineering at UCD is the place for you.

What will I study?

First Year

Engineering students follow a common first year. Modules include: Calculus • Chemistry • Creativity in Design • Electrical/ Electronic Engineering • Energy Engineering • Engineering Computing • Linear Algebra Mathematics • Mechanics • Physics

Second to Fifth Year

Core modules for Mechanical Engineering students may include: Advanced Metals Processing • Mechanical Engineering Design • Mechanics of Fluids • Materials Science & Engineering • Heat Transfer • Electrical & Electronic Circuits • Manufacturing Engineering • Mechanics of Solids • Professional Engineering • Engineering Thermodynamics • Applied Dynamics • Measurement & Instrumentation • Statistics & Probability • Electrical Energy Systems • Modelling and Simulation • Computational Continuum Mechanics

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops, group projects and undertaking independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In your final year, you will also submit a report on your research project.

Progression Requirements

At the end of year 3, students can choose either to pursue a 4-year BE or 5-year Integrated ME degree pathway, subject to meeting GPA requirements.

Professional Work Experience

Professional Work Experience (PWE) is incorporated into the 4th year of the integrated ME Mechanical Engineering programme. Six-to-eight-month internships (the majority of which are paid) have included the following employers: AbbVie, Accenture, Advanced Surgical Concepts, Ethos Engineering, Fingleton White, Glen Dimplex, Henkel, Hilti, Irish Distillers, Jacobs Engineering, Jaguar Land Rover and Jabil Healthcare.

International Study Opportunities

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University. There are options to study in countries such as Australia, Canada, China, Germany, New Zealand, Singapore, UK, USA.

Career & Graduate Study Opportunities

Opportunities are extraordinarily diverse, making graduates highly resilient to changing economic circumstances. Recent graduates are currently employed in the energy, biomedical, aeronautical, aerospace, automotive, manufacturing and IT sectors.

Graduates can pursue taught or research Masters degrees in Mechanical Engineering, Materials Science and Engineering, Energy Systems Engineering, Engineering with Business or Biomedical Engineering in UCD. Those with a strong interest in research also have the opportunity to pursue a PhD.

Accredited By:

ENGINEERS IRELAND
ACCREDITED PROGRAMME

Other Courses of Interest:

LEARN MORE

www.myucd.ie/mechanical-engineering
UCD Engineering and Architecture
College Office
+353 1 716 1916
katie.oneill@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I chose Structural Engineering with Architecture because I always had an interest in the construction industry and how such vast buildings were transferred from paper to real life structures. In school, I had an interest in maths and physics and found that I could put my favourite subjects to use in an engineering course. I chose UCD because of its high employability rate, it also has a 93% first year student retention rate. I like how the course covered a variety of soft skills as well as practical skills. I was delighted to be in offered a job in Sisk. A multi-national construction company where I had the opportunity to watch my work be constructed in real time. I would highly recommend participating in this engineering course.

Magdalena Michalak, Graduate

STRUCTURAL ENGINEERING WITH ARCHITECTURE

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9)

CAO Code: DN150

CAO Points Range 2022: **566-625**
Length of Course: **3 Years (BSc)(Hons) + 2 Years (ME)**
Typical Class Size: **18**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

University Access
See www.myucd.ie/universityaccess

Why is this course for me?

If you are interested in the beauty of architectural design, and you want to be the one who realises these designs by creating viable solutions that ensure structures stand the test of time, then this is the course for you. The Structural Engineering with Architecture degree at UCD is a two-part degree, with an initial three-year bachelor's degree followed by a two-year Masters degree, focusing primarily on the design of structures. The course's aim is to develop an appreciation for architecture, coupled with the solid fundamentals of an engineering degree. This will enable graduates to challenge the traditional boundaries of structural design.

What will I study?

First Year

Engineering students follow a common first year. Modules include: Calculus • Chemistry • Creativity in Design • Electrical/ Electronic Engineering • Energy Engineering • Engineering Computing • Linear Algebra Mathematics • Mechanics • Physics

Second Year

Engineering & Architecture of Structure 2 • Design & Communications • Construction Materials & Practice • Mechanics of Solids • Geotechnics 1 • History & Theory of the Designed Environment • Computer Applications • Statistics, Probability & Multivariable Calculus 1

Third Year

Structural Analysis 1 & 2 • Structural Design 1 • Geotechnics 2 • Group Design Project • History & Theory of the Designed Environment 4 • Energy Systems in Buildings • Professional Engineering • Multivariable Calculus 2

Fourth Year

Structural Design 2 • Geotechnics 3 • Structural Dynamics • Advanced Materials • Realising Built Projects • Innovation Leadership followed by 8-month work placement

Fifth Year

Structural Analysis • Structural Design • Research Project • Case Studies • Bridge Engineering • Professional Engineering (Management) • Agency: Design/Build • Quantitative Methods

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops, group projects and undertaking independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In your final year, you will also submit a report on your research project.

Progression Requirement

The Structural Engineering with Architecture course is structured as a 3+2 programme, with a 3-year undergraduate BSc programme, followed by a 2-year taught graduate ME programme. Students who do not wish to progress onto the Master of Engineering (Structural Engineering with Architecture) pathway, or who do not qualify for progression, at the end of Year 3 can exit their studies at the end of Year 3 with a BSc (Engineering Science) degree.

Professional Work Experience

Professional Work Experience (PWE) is incorporated into the 4th year of the integrated ME Structural Engineering with Architecture programme. Eight-month internships (the majority of which are paid) have included the following employers: Arup, Meinhardt (London), OBA Consulting Engineers, O'Connor Sutton Cronin, Thornton Tomasetti (New York), Walls Construction and Waterman Moylan.

International Study Opportunities

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University. There are options to study in countries such as France, Germany, Switzerland, UK, Australia, Canada, New Zealand, USA.

Career & Graduate Study Opportunities

The ME programme in Structural Engineering with Architecture is fully accredited by Engineers Ireland, and thus recognised internationally. Graduates can find employment in Ireland and abroad in areas such as:

Engineering consultancy • Construction management • Project management and planning • Management consultancy and finance

You can also pursue a research path, commencing with a PhD in Structural Engineering, in Ireland or abroad.

www.myucd.ie/sewa
UCD Engineering and Architecture
College Office
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katie.oneill@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

LEARN MORE

Other Courses of Interest:

Civil Engineering 186
Architecture 194
City Planning & Environmental Policy 196

ARCHITECTURE, PLANNING & ENVIRONMENTAL POLICY

The UCD School of Architecture, Planning and Environmental Policy brings together the disciplines of architecture, environmental policy, landscape architecture and regional and urban planning to provide a unique interdisciplinary teaching and research environment.

The School offers a range of undergraduate and graduate teaching programmes professionally accredited/certified by the Royal Institute of British Architects, the Royal Institute of the Architects of Ireland, the US National Architectural Accrediting Board (NAAB), the Royal Town Planning Institute, the Irish Planning Institute and the Irish Landscape Institute. Students are enabled to think creatively, critically and holistically about sustainable places, whether in design practice or through transferring knowledge to action in the policy and planning process. Its research spans a wide range of themes and is Ireland's leading centre of excellence for research into design and policy for the built and natural environment.

The School provides excellent facilities and resources for its students and staff who enjoy a strong sense of community among the quadrangle of buildings and leafy surroundings of Richview. Students have access to generous work spaces, design studios, laboratories, a dedicated library, small group teaching spaces, GIS and CAD facilities, and research student suites as well as a cafe and a shop for supplies and equipment.

Find out more:
UCD Architecture
Virtual Tour

@MyUCD

STUDYING UCD ARCHITECTURE

YEAR 1 — Engage with the principles

Architectural Design – Studio-Based learning

- History & Theory of the Designed Environment
- Architecture & its Environment
- Architectural Technologies
- The Engineering and Architecture of Structures
- Into Practice

YEARS 2 & 3 — Refine your knowledge

Architectural Design – Studio-Based Learning

- History & Theory of the Designed Environment
- The Indoor Environment
- Architectural Technologies
- Theory & Design of Structures
- Imagining Architecture
- Framework for Practice

Exit with BSc Architectural Science (Hons)

***Optional Year Out – Experience the world of work**

YEAR 4 — Expand your horizons

- Design Technologies
- Research & Innovation in the Designed Environment
- Architectural Design
- Comprehensive Design Project

International study abroad options

Specialised option modules

Exit with BArchSc (Hons)

***Optional Year Out – Experience the world of work**

YEAR 5 — Achieve mastery of your practice

- Research Dissertation
- Reflective Portfolio
- Design Thesis
- Architectural Design
- Professional Studies

Exit with MArch (Hons)

MArch (Honours)

Specialise through UCD graduate study

Masters (MArchSc – Taught/Research) & PhD

- Conservation & Heritage (research)
- Urban Design (research)
- Landscape Architecture (taught)
- Irish & European Landscape & Urbanisation (research)
- History & Theory of Architecture (PhD)
- Urban Design & Planning (taught)
- Architecture, Urbanism & Climate Action
- Regional & Urban Planning (taught)

Diploma in Professional Practice

Professional Architect

Shape your career with UCD Architecture

Alternative Careers

- Conservationist
- Designer
- Graphic Designer
- Heritage Site Manager
- Lecturer
- Planning Adviser
- Project Manager
- Researcher

Continue to develop your professional career with UCD

The main pathway to becoming a professional architect includes three steps: a) Completion of the Bachelor Degree, b) Completion of the Master's in Architecture (March) and c) Completion of the Professional Diploma after a minimum of two years in practice.

*Students are given the choice to take an optional year out after 3rd or 4th year.

ARCHITECTURE

BSc (Architectural Science) (Hons) (NFQ Level 8) & MArch (NFQ Level 9) or BArchSc (Hons) (NFQ Level 8)

Studying Architecture at UCD allows me to explore my passions through the study of art, design, history, engineering and physical construction. Our time is mainly spent in studio working on design projects individually or in teams. Aside from this, I have spent my time in a wide variety of lectures; construction and 3D modelling workshops held weekly in our building lab; reading through the large collection of architectural books and collections in Richview library and working on various creative projects. I have greatly enjoyed working closely with practicing architects who give great insight on current design practices. A variety of other opportunities including yearly trips abroad to study the architecture of other cities such as Rome and Paris.

Jennifer Fox, Student

CAO Code: DN100

CAO Points Range 2022: **555-625**
Length of Course:
3 Years BSc (Architectural Science) (Hons)(NFQ Level 8)
+ 2 Years (MArch)(NFQ Level 9) or 4 Years BArchSc (Hons)(NFQ Level 8)
Places: **57**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a third language and two other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Accredited By:

RIBA

RIAI

University College Dublin
NAAB International Certification 2018–2024
National Architectural Accrediting Board, Inc.
NAAB

Why is this course for me?

UCD Architecture is at the forefront of architectural and urban design, both in Ireland and internationally. The Architecture course at UCD offers a means to engage creatively and constructively with society. The design process is central to Architecture, harnessing the mind's analytical and creative powers to produce innovative solutions to everyday and future challenges.

Our degree attracts a diverse cross-section of talents and approaches – from the technically minded to the artistically gifted; from the socially conscious to the natural communicators and leaders. All have the capacity to become successful and productive graduates in architecture. If you are excited by the idea of designing buildings, urban environments and landscapes, then this course is for you.

What will I study?

There are two main elements to the Architecture course – project work (architectural design, drawing and model making) and the lecture programmes (historical and theoretical material). Project work is taught in the architecture design studios through a combination of lectures, individual tuition, field trips, group tutorials, large reviews and exhibitions.

Lecture-based modules can be grouped under the 3 broad headings of Technical, Cultural and Professional studies. Sample modules may include: Architecture & its Environment, History and Theory of the Built Environment, Architectural Technologies, The Engineering and Architecture of Structures, The Indoor Environment, Imagining Architecture, Intro to Computational Design, Enhancing Digital Drawing Skills, Building Renovation and Energy Retrofit, Research & Innovation in the Designed Environment, Design Technologies, Professional Studies, Into Practice, Framework for Practice.

Project work is continually assessed but modules may include end-of-trimester written examinations. In your final year, you will also submit a report of your design research project.

Progression Requirement
For UCD BSc (Architectural Science) graduates a minimum degree award GPA of 2.8 is required for automatic progression to the MArch. Students who do not achieve a GPA of 2.8 will be offered an interview to assess their suitability to progress.

International Study Opportunities

A period of study at a university abroad on exchange is encouraged and UCD Architecture has a very extensive list of partners in Europe and worldwide for students to choose from. This would usually take place in 4th year for students who have continued onto the Master of Architecture Degree Programme. Recent opportunities to study abroad have included options in countries such as Austria, Belgium, Denmark, Finland, France, Germany, Italy, Liechtenstein, Netherlands, Norway, Poland, Spain, Sweden, Switzerland, Australia, New Zealand, Canada, USA, China.

There are also field trips, site visits and workshops organised as appropriate during the various stages of the programme including a class study trip to a European city of architectural interest in 2nd year.

Career & Graduate Study Opportunities

Most architectural graduates go into architectural practice and this degree will equip graduates to work in architecture anywhere across the world, whether in major global centres or in particular regional contexts. We want our students to be competent, responsible and confident architects and life - long learners.

However, this degree also provides graduates with a breadth of knowledge and a range of transferable skills and abilities applicable in many different contexts. Some graduates have gone on to pursue careers in associated professions and other forms of professional creative practice such as landscape architecture, planning, heritage site management, cultural and artistic practice, curatorial work, policy making, consultancy, product design or research.

Key Fact

Studios are largely taught by practising architects and many alumni are leading figures, whose work is recognised nationally and internationally.

Other Courses of Interest:

Structural Engineering with Architecture 189
Landscape Architecture 195
City Planning & Environmental Policy 196

LEARN MORE

www.myucd.ie/architecture
UCD Engineering and Architecture College Office
+353 1 716 1916
katie.oneill@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I chose to study Landscape Architecture at UCD due to my love of design, nature and the outdoors. I was always interested in society and the way that people live. This course offers a wide range of exciting modules such as land use, the environment, planning, ecology, and urban design. The design studio has prepared me for my future career by allowing me to build on my environmental knowledge, design skills while using technical and technological approaches. This course has offered me a wide range of exciting opportunities, e.g. a trimester abroad, various class trips around Ireland and Europe and an internship in a Landscape Architecture firm. I completed my exchange at The University of Hong Kong, which proved to be the most exciting and rewarding opportunity of my life.

Niamh Conlon, Graduate

LANDSCAPE ARCHITECTURE

BSc (Hons) (NFQ Level 8)

CAO Code: DN120

CAO Points Range 2022: **440-544**
Length of Course: **4 Years (BSs)(Hons)**
Places: **28**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Level 5/6 QQI-FET
See www.ucd.ie/FET

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Accredited By:

IRISH LANDSCAPE INSTITUTE
INSTITIÚID TÍRDHREACHA NA hÉIREANN

IFLA
INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS

Why is this course for me?

If you love design, nature and the outdoors, are interested in society and the ways that we live, and want to make a better, more sustainable future for our towns, villages and countrysides, then Landscape Architecture is for you. This exciting course teaches you how to design with nature to improve our environment and the quality of our lives. Landscape architects work on all sorts of projects, all over the world, designing habitats for humans and non-humans: homes for city birds, playgrounds for children, rooftop gardens, streetscapes, city parks and even cities themselves. They transform urban and rural land, and water-bodies, and advise on countryside matters. Landscape design engages environmentalism, urbanism and culture, teaching important transferable skills that you will use wherever you are, whatever you do in the future.

What will I study?

The design studio is central to Landscape Architecture. You will spend most of your time in the studio, pursuing individual and small group project work. You will learn by doing design projects that allow you to develop creative skills and apply knowledge taught through lectures, seminars, drawing classes, field trips, reviews, readings, individual and group tutorials. In your third year, you will also gain professional experience interning in a landscape related company/institution. Lectures fall into three main categories and may include:

Ecological and Environmental Sciences

Land Use & the Environment • Environmental Impact Assessment • Landscape Ecology • Cell and Plant Biology • Soil Resources • Understanding Landscape • Landscape Plants

Human Sciences, Technology and Culture

Landscape History & Theory • Archaeology • Rural & Landscape Planning • City & Spatial Planning • Materials & Construction • Placemaking • Environment Change & Policy • History & Theory of the Designed Environment • GIS for Environmental Assessment • Climate Policy and Politics

Professional and Managerial Skills

Professional Practice • Planning Law • Research & Writing

Internship/International Study Options

Internship Option

There is an optional 6-8 month internship module in Year 3 of the BSc Landscape Architecture. Internship employers have included AECOM, Austen Associates, Bernard Seymour Landscape Architects, Murray & Associates, South Dublin County Council, and Summerhill Landscapes (New York).

International Study Option

The UCD Landscape Architecture degree programme is part of the European Landscape Education Exchange. This Erasmus programme is a landscape architecture education network involving 11 universities in Europe and providing opportunities for staff and student exchange. Students regularly spend time abroad, either on short field trips, or participating in intensive design studios with students from other universities, or opting to spend a semester studying at one of our partner universities

Career & Graduate Study Opportunities

Graduates of UCD Landscape Architecture work all over the world because of their transferable skills. Our students become professional landscape architects, setting up in business, working in private practice, for governmental bodies or NGOs. Others go onto further academic study in landscape architecture or related subjects and some go onto work in areas such as: Environmental and Ecological Policy-Making, Conservation and Resource Management, Planning or Urban Design.

The majority of our students become professional landscape architects. After two years of approved work experience, graduates sit the Irish Landscape Institute professional exams, which lead to full professional membership of the ILI. (See www.irishlandscapeinstitute.com).

Key Fact

UCD is currently the only university in Ireland to offer an undergraduate degree in Landscape Architecture.

www.myucd.ie/landscape-architecture
UCD Engineering and Architecture
College Office
+353 1 716 1916
katie.oneill@ucd.ie
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LEARN MORE

Other Courses of Interest:

Forestry	171
Horticulture	172
Architecture	194
City Planning & Environmental Policy	196

CITY PLANNING & ENVIRONMENTAL POLICY

BSc (Hons) (NFQ Level 8)

I chose this course because I had a wide array of interests, particularly in geography and the environment, and there was no other course that combined my interests as well as this one. I have thoroughly enjoyed my experience here at UCD. The multitude of sports clubs and societies helped me to immerse into the college experience, develop my thoughts and character and pursue my passions. The planning and environmental policy society, UCD Ultimate Frisbee and the Triathlon clubs were particularly pivotal. Additionally, during my time at UCD I was extremely well supported as a student. The university provides counselling services, writing centres and the staff are also incredibly approachable and understanding.

Evan Rossiter, Student

CAO Code: DN130

CAO Points Range 2022: **455-613**
Length of Course: **4 Years (BSc)(Hons)**
Places: **29**

General Entry Requirements
See pages 197 - 207

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics and three other recognised subjects

Other School Leaving Examinations
See www.ucd.ie/admissions

Open Learning Entry Route
See www.ucd.ie/openlearning

Mature Entry Route
See www.ucd.ie/maturestudents

DARE Entry Route
See www.myucd.ie/dare

HEAR Entry Route
See www.myucd.ie/hear

Why is this course for me?

Our degree in City Planning & Environmental Policy is about solving complex issues that we experience in our everyday lives. How can we provide housing for everyone? How can we reduce our climate impact and conserve our natural environment? Where should we build our schools and shops? This unique degree brings together a focus on the city, the environment and design and links them with clear routes to professions and careers. So, if you are considering a career as a qualified planner or environmental policy analyst this degree is for you. These professions allow you to visualise new patterns and ideas for cities and to bring this vision to reality by activating social change and promoting sustainable development. This course gives you the skills to enable real world change.

What will I study?

This degree integrates an interdisciplinary approach that will deepen and broaden your understanding of environmental, social and economic issues, and sets these in a practical policy context. On entering first year, you will be introduced to a host of new ideas and concepts. Building your knowledge and skills throughout the first year of the course, you will progressively gain insight into the complexity of our taken-for-granted world and how we can constructively and sustainably respond to the challenges we face. A small class size and the interactive learning environment ensures an enjoyable experience that stimulates creativity and ownership of your career path.

First Year

Introduction to City Planning • Environmental Change & Policy • History of City Planning • Urban Design • Environmental Economics • Inequality & Social Justice in Irish Society • Planning & Development Studio

Second Year

Local Planning Studio • Community Development & Planning • Geographical Information Systems • Comparative Planning • Urban & Regional Economics • Case Studies in Environmental Policy • Social Spatial Dynamics • Rural Change, Development & Planning

Third Year

In Third Year students develop the skills to translate knowledge into practical solutions for future sustainable and smart cities. Modules may include:

Environmental Management • Climate Policy & Politics • Transport, Environment and Sustainability • Smart Cities

Fourth Year

In Fourth Year students will deepen their technical and practical knowledge of planning and environmental policy and will develop their critical thinking skills to prepare for their future career. Modules may include: Planning Methods and Leadership • Planning Design and Development • Planning Law • Environment and Planning • Plan Making Studio • Housing Planning and Property

The modules are delivered in a variety of formats including lectures, labs and studios. This learning environment provides opportunities for research, field work and guest lectures from leading researchers and practitioners. Dublin and the surrounding region are viewed as a living lab for students learning.

Internship/International Study Opportunities

Students have the opportunity in the second trimester of third year to pursue a work-based project (either through an internship or independent research project) or to study abroad. Students have previously studied in countries such as France, Netherlands, USA.

Career & Graduate Study Opportunities

On completion of this degree students will gain the necessary professional accreditation to pursue a career as a professional planner. If students wish to develop further skills and knowledge they may choose to pursue graduate study, through either an MSc or PhD.

With a growing need for planners in Ireland and further afield our graduates find employment in: Government and local authorities • Planning and environmental consultancies • Local and regional development organisations • Private companies (marketing/location/real estate/ infrastructure/renewable energy) • Non-governmental organisations (environmental/ heritage/international development).

Other Courses of Interest:

LEARN MORE

www.myucd.ie/cpaep
UCD Engineering and Architecture College Office
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Applying To UCD

WHAT DO I NEED TO DO BEFORE I APPLY?

Is there an age requirement?

Yes. You must be 17 years of age by 15 January following entry. For entry in 2024, your date of birth must be on or before 15 January 2008. If you do not meet the age requirement and want to appeal this, you can write to the Registrar. Your letter must be accompanied by a letter of support from your School Principal. Your request will be then be considered.

Are there minimum entry requirements?

Yes, there are minimum entry requirements that all applicants, applying based on school-leaving results, must meet. This is known as matriculation. These requirements are available at **www.ucd.ie/admissions**

Is Irish always required?

A minimum grade of O6/H7 in Irish in the Leaving Certificate is required for admission to all courses in UCD. However, you may be able to claim exemption if you were born outside the Republic of Ireland or in certain other circumstances (e.g. if you were educated outside Ireland for a significant period or have specific disabilities).

Please see **www.ucd.ie/admissions** for further details. Note, in some cases, if you are granted exemptions from Irish, you may nevertheless present Irish as a subject for matriculation to fulfil the requirement to present a language other than English.

For more frequently asked questions go to:
www.ucd.ie/myucd/admissionsfaq

Are there any other subjects that are always required?

As English is the teaching language of the University, all applicants must have a minimum grade of O6/H7 in English (or equivalent in other exams). Mathematics is required for many courses. In addition, some courses require a third language and/or a laboratory science subject. Full details are available in our Summary Entry Requirements document, available at **www.ucd.ie/lc**

Are there other special entry requirements for courses?

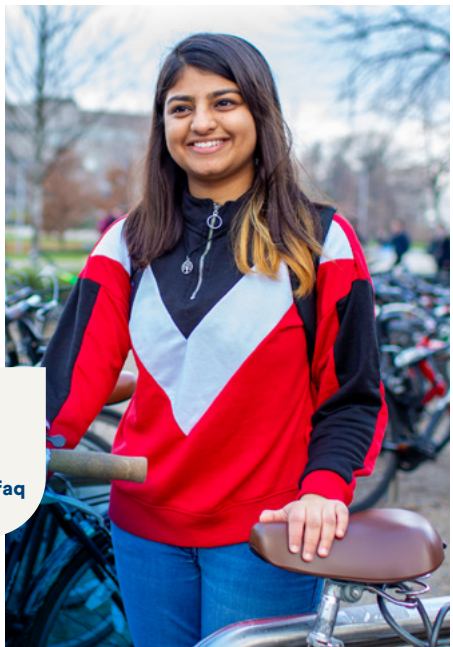
Applicants for Medicine (DN400) are assessed on a combination of their school-leaving qualifications and the Health Professions Admission Test – Ireland (HPAT – Ireland). In addition to the CAO application, applicants must register for the HPAT – Ireland at: **www.hpat-ireland.acer.edu.au**

Applicants for Veterinary Medicine (DN300) are required to complete practical experience relevant to animal handling. For more information see: **www.myucd.ie/vetmedentryreq**

In some cases, mature applicants will need to take assessments (e.g. Nursing and Medicine).

For graduate entry to Medicine or Veterinary Medicine, GAMSAT is required.

See the Mature and Graduate Entry sections on page 203 for details.



Are there any special requirements for courses with clinical or professional placements?

Health Screening

For the protection of patients and students, certain health checks are necessary for students who will be participating in the following programmes: Medicine (DN400, DN401), Radiography (DN410 and DN411), Physiotherapy (DN420), Biomedical, Health & Life Sciences (DN440), Human Nutrition (DN262) and Midwifery (DN452). Further information on the health screen processes and policies is available at: **www.ucd.ie/stuhealth/healthcarestudents/**

Student Garda Vetting

Applicants to certain courses will also be required to complete an application to the National Vetting Bureau and/or an overseas police certificate.

At present, the courses requiring Student Vetting include Human Nutrition (DN262), Medicine (DN400 and DN401), Radiography (DN410 and DN411), Physiotherapy (DN420), Nursing and Midwifery (DN450, DN451, DN452, DN453) and Sports & Exercise Management (DN430 may depend on placement type). Details are available at **www.ucd.ie/vetting**

Note: It is important to note that Healthcare Screening and Student Vetting are compulsory course requirements.

Fitness to Practise

Courses that lead to a professional qualification and a licence to practise that requires students to undertake practical training in a professional environment, may be subject to the University's Student Fitness to Practise Policy. Students applying to such courses can find out more information at: **www.myucd.ie/admissions/genregsandpol**

For more frequently asked questions go to: **www.ucd.ie/myucd/admissionsfaq**

HOW DO I APPLY?

How you apply to UCD depends on whether you are deemed an EU or non-EU student. This is based on a fee assessment.

How do I know if I am an EU or non-EU applicant?

Whether you are EU or non-EU is dependent on your fee status. If you have lived outside EU, you must check your UCD fee status at **www.ucd.ie/students/fees/eufeeassessment.**

EU/EEA Applicants

Those who are applying for admission to the first year of an undergraduate programme in UCD – whether on the basis of the Irish Leaving Certificate, as an applicant from another EU/EEA country, on grounds of mature years, via the HEAR or DARE routes, or on the basis of QQI-FET – apply via the Central Applications Office (CAO). Applications can be made online at **www.cao.ie**. The normal closing date is 1 February 2024, but there is a reduced application fee for applications made prior to 20 January 2024.

All applications are processed in accordance with the regulations, procedures and timetable described in the CAO Handbook, which is downloadable from their website **www.cao.ie**. The handbook is the critical guide to making a CAO application and goes through the relevant regulations and procedures in detail. All applicants should familiarise themselves with this handbook.

The closing date for receipt of late applications is 1 May 2024, at an additional cost. Applicants seeking admission through routes for which additional assessment is required may not be eligible to make a late application (e.g. Mature, HEAR and DARE). Please check the relevant web pages for details at: **www.ucd.ie/admissions**.

Non-EU Applicants

UCD welcomes applicants from non-EU countries. Non-EU students are eligible to apply for admission in all programmes except for Nursing courses.

Application is made via **www.ucd.ie/global/**apply except where an agent is used. Further information on application and entry requirements is available at **www.ucd.ie/global** (select 'Study at UCD' followed by your country selection) or on request from the UCD Global Admissions Team (**www.ucd.ie/global**).

Changing Courses

If you have previously attended third level and wish to start a new course in first year you should apply via CAO. You must declare your previous third level attendance on the CAO form.

If you are one of the following you should make your application direct to UCD:

* new first year in UCD who wants to change course at the start of the academic year;
* seeking to change course/university after the first trimester of first year;
* seeking advanced entry to second year or later.

See **www.ucd.ie/transfer** for details and for the full transfer regulations.

Applicants seeking admission to second year or later, apply directly to UCD at **www.ucd.ie/transfer**. The website also has full details of the transfer regulations.

Responsibility of Applicant

Whether applying via the CAO or directly to UCD, it is the responsibility of the applicant to ensure that the application is submitted accurately and on time, and to make themselves aware of the procedures. See: **www.myucd.ie/admissions/genregsandpol**

It is the responsibility of applicants to provide full and accurate information in their application and to notify the University of any changes or corrections to the original application. UCD may request verification from the issuing authority of any or all details on documentation presented. If documents are found to have been falsified, the awarding body will be notified. Applicants should be aware of the terms and conditions of an offer when accepting. Please see: **www.myucd.ie/admissions/termsofoffer**

In-light of additional information that was not available at the time of selection, an offer may be amended or, in exceptional circumstances, withdrawn. The University also reserves the right to correct errors where they have been made in the communication of decisions and offers.

The University reserves the right to exclude a candidate who is considered on justifiable grounds to be unsuitable for a place on a particular course according to individual circumstances.

Assessment of Application

Applications can only be assessed on the basis of information provided with the application. For CAO applicants, all documentation and examination results (including any exemptions granted by NUI) that are being presented for assessment for entry to UCD, must be with the CAO no later than 1 August 2024, with the exception of Irish Leaving Certificate and A-level results that are received on date of issue.

It may not be possible to gain entry in the current year if documents and/or results are presented later than the relevant dates. This includes re-checked Leaving Certificate results. UCD reserves the right to seek verification from awarding bodies of any documentation presented. Originals of documents may be required at registration.

Non-EU applicants and post-initial-year transfer applicants, please see **www.ucd.ie/apply** for instructions on submitting documents.

SCAN ME

Contact

For full admissions policy and other relevant policies, please see **www.ucd.ie/askus** or **www.ucd.ie/admissions**

On-line help available

INFORMATION FOR APPLICANTS APPLYING ON THE BASIS OF:

Irish Leaving Certificate

Minimum entry requirements

- To meet minimum entry requirements (matriculation) on the results of the Leaving Certificate, a student must present at least six recognised subjects selected according to course requirements (see Entry Requirements for each course) and must obtain at least Grade H5 in two subjects and Grade O6/H7 in the remaining four subjects.
- A student may normally combine the results of Leaving Certificate examinations obtained in different years to meet minimum entry requirements. This concession applies to to minimum entry requirements registration only; it does not apply to the calculation of points. However, it should be noted that students seeking to enter Medicine must meet the minimum entry requirements, including both Leaving Certificate points and Matriculation, in the same sitting of the Leaving Certificate.

Acceptable subjects

All subjects of the current Leaving Certificate examination are accepted with the following exceptions and qualifications:

1. Gaeilge – Bonnleibhéal (Irish – Foundation Level) will not be accepted for Matriculation Registration purposes.
2. Mathematics Ordinary Alternative/ Foundation Level will be accepted for Matriculation Registration purposes, but not as a substitute for the subject Mathematics in courses for that the subject Mathematics is currently an entry requirement.

Leaving Certificate points are not awarded for either of these subjects.

Applicants presenting Leaving Certificate results from previous years, which include subjects no longer offered should contact **www.ucd.ie/askus** for advice with regard to acceptability and any exclusions that may apply.

Note: The Leaving Certificate Applied Programme is not an acceptable qualification for matriculation purposes.

Combination of subjects not permitted

The subject "Physics and Chemistry" may not be presented with either "Physics" or "Chemistry".

- "Agricultural Economics" may not be presented with "Economics".
- "Classical Studies" may not be presented with "Latin" or "Greek"

Laboratory science subjects

The following subjects in the Irish Leaving Certificate are recognised laboratory science subjects:

• Agricultural Science • Biology • Chemistry • Physics and Chemistry (Joint) • Physics.

For Science (DN200) only, Applied Mathematics, Geography or Computer Science may also be used as a laboratory science subject.

Assessment of applications

Admission to most undergraduate courses is extremely competitive. Entry is based on the points system for students presenting Irish Leaving Certificate examinations. Points are awarded as follows.

Notes

- Minimum points requirements can change from year-to-year as they are dependent on demand for each course, as well as the number of places available.

%	GRADE	POINTS HIGHER PAPER	POINTS ORDINARY PAPER
90-100	1	100	56
80-89	2	88	46
70-79	3	77	37
60-69	4	66	28
50-59	5	56	20
40-49	6	46	12
30-39	7	37	N/A

	GRADE	POINTS
Leaving Certificate Vocational Programme	Distinct	66
	Merit	46
	Pass	28

- 25 additional points will be awarded for a grade H6 or better in Leaving Certificate Mathematics, where that subject is one of the six subjects being counted for points purposes.
- Applicants' performance in the Leaving Certificate examination is scored on their best results in no more than six individual subjects taken in the Leaving Certificate examination of any one year. This does not preclude an intending applicant from taking school-leaving examinations in two or more years. In this event, the choice of year for scoring purposes will be such as to ensure that each applicant is credited with the maximum possible score.
- It is still possible to achieve matriculation and subject requirements over more than one year. However, for admission to Medicine, applicants must achieve both the required subject grades and the points in the same sitting.
- The subjects and combinations of subjects not permitted for matriculation also apply when computing an applicant's points score.
- The points scores for Medicine are adjusted when combined with HPAT – Ireland. Please see **www.myucd.ie/medicineaddreq**
- For scoring of pre-2017 Leaving Certificate examinations, please see **www.myucd.ie/leavingcert/pointsscoring**

Note: If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to UCD. However, you may present Irish as a subject for matriculation to fulfil the requirement to present a language other than English. A-Level/GCSE Examinations Other School-Leaving Examinations.

A-Level/GCSE Examinations

Minimum entry requirements

Grade C/4 or better at GCSE or passes at A-Level are required in six recognised subjects. Two of those six subjects must be grade C or higher at A-Level. Subjects must include relevant UCD course entry requirements. See **www.ucd.ie/alevel for details.**

Acceptable subjects

Not all GCSE and A-Level subjects are recognised, and some subjects may not be accepted in combination with one another.

For further information and the list of the A-Level subjects acceptable for matriculation, consult the Entry Requirements section of the NUI website: **www.nui.ie.** The results of Leaving Certificate examinations and A-Level and GCSE examinations may not normally be combined for application purposes.

Course-specific entry requirements

On each course page in this prospectus, you will find the specific subject requirements. The following provides examples of the A-level/GCSE equivalents for these requirements:

- Where Leaving Certificate O6 is shown, the minimum requirement is Grade C/4 at GCSE
- Where Leaving Certificate O2 is shown, the minimum requirement is Grade 8/A at GCSE
- Where Leaving Certificate H4 is shown, the minimum requirement is Grade C at A-Level
- Where Leaving Certificate H3 is shown, the minimum requirement is Grade B at A-Level

Grades required

As the number of eligible applicants is greater than the number of places available, admission to undergraduate courses is based on the points system.

Applicants will need to achieve grades equivalent to the Leaving Certificate points required to enter a UCD degree programme.

A maximum of four A-Level (A2) or AS grades, not GCSE grades, will be considered for Leaving Certificate points comparison purposes. For most recent information see www.ucd.ie/alevel

Points Scoring

Scoring for A and AS-level examination grades will operate for entry. The scoring table can be viewed at: **www.ucd.ie/alevel**

Notes

- A maximum of four recognised subjects will be counted (Please see www.nui.ie/college/entry-requirements.asp for details).
- If four A-levels are presented, the fourth A-level (lowest result) will be scored at a lower weighting.
- An applicant's score will be calculated on the basis of either of the following: their best four A-level subjects from one academic year or their best three A-level subjects from one academic year plus one AS in a different subject from the same or the preceding academic year only.
- 25 additional points will be awarded for a grade E or higher in Mathematics at A-level. This will apply to only ONE mathematics subject of Mathematics, Further Mathematics and Pure Mathematics, where that subject is one of the four subjects being counted for points purposes.

Note: Mathematics and Pure Mathematics cannot be counted separately for points purposes.

Other School-Leaving Examinations

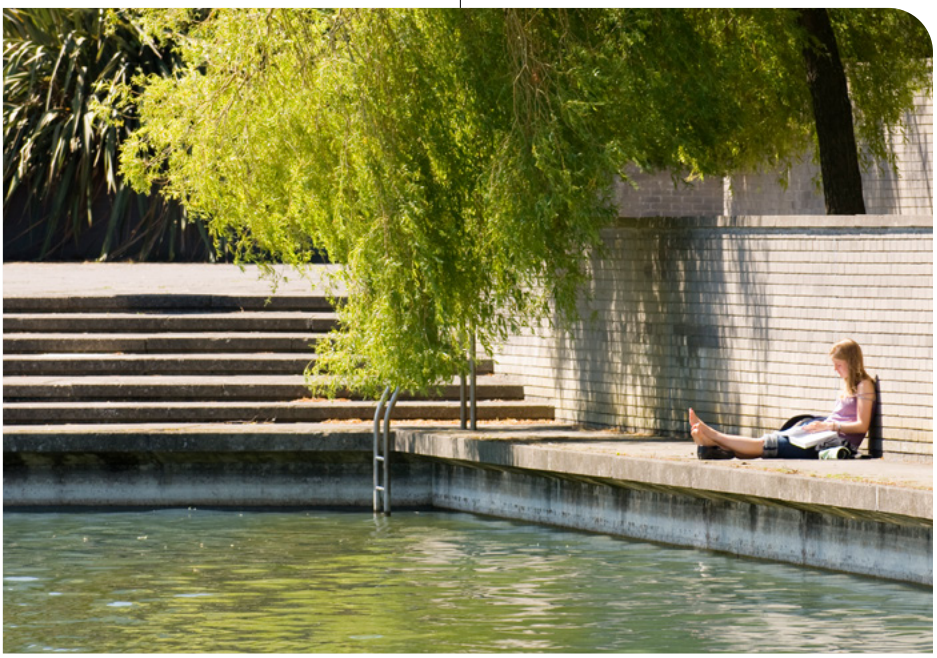
Every EU country is currently represented amongst UCD's student body. Applicants must meet normal matriculation and entry requirements. Further information is available at www.ucd.ie/eu

Non-EU applicants

UCD welcomes applicants from non-EU countries. Further information on application and entry requirements is available at www.ucd.ie/global

Note: If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to UCD.

www.ucd.ie/myucd/apply



ACCESS ADMISSION PATHWAYS

UCD is a University for all, Ireland's most inclusive university, where all students, regardless of their background or circumstance, feel welcome, belong and are valued. In doing so, UCD has a range of admissions pathways that ensure all students can study and succeed here.

Outreach, Information & Guidance

We provide information sessions and application support for prospective students. We also offer Outreach activities for linked community organisations and schools, featuring on and off campus information workshops, student experience opportunities and mentoring.

www.ucd.ie/all/getinvolved

Post-Entry Supports

We are here for you throughout your time in UCD, with a dedicated Access & Lifelong Learning student welcome, Cothrom na Féinne scholarships, academic skills and support. Students with disabilities are invited to attend a needs assessment meeting to discuss suitable exam and classroom accommodations and other supports.

www.ucd.ie/all/ucdstudents

Key Fact

34% of UCD's undergraduate students are drawn from diverse under-represented groups including students with a disability, low- income students, mature students, Irish Travellers, part-time students, lone parents, refugees, International Protection applicants and ethnic minorities.

Higher Education Access Route (HEAR)

The HEAR admissions scheme offers places on reduced points and extra college support to school leavers from socio-economically disadvantaged backgrounds. You must be under the age of 23 (1 January 2024) and a resident in the Republic of Ireland. Students who meet the eligibility criteria can compete for a quota of places allocated to applicants on a reduced points basis.

More information on HEAR is available from your school guidance counsellor or UCD Access & Lifelong Learning **www.ucd.ie/all/cometoucd/applying/heardare.**

Disability Access Route to Education (DARE)

The Disability Access Route to Education (DARE) is for school leavers who have the ability to benefit from and succeed in higher education but who may not

meet the points for their preferred course due to the impact of a disability. School leavers must be under the age of 23 on the 1 January 2024 and meet the eligibility criteria. Applicants will compete for a quota of places allocated to applicants on a reduced- points basis. All applicants must meet the Irish Leaving Certificate (or equivalent) matriculation/ minimum entry and subject requirements. More information on DARE is available from your school guidance counsellor or from the UCD Access & Lifelong Learning Centre. For more information: **www.ucd.ie/all/cometoucd/applying/heardare/**

QQI-FET Applicants

22 UCD undergraduate courses from a broad range of courses accept applicants on a competitive basis with appropriate QQI-FET (Level 5 or 6) qualifications and modules. The minimum requirement is five distinctions in appropriate QQI-FET (Level 5 or 6) qualifications including components specified for the relevant programme.

For more information: **www.ucd.ie/FET**

On-line help available

University Access

UCD offers two part-time courses, AHSSL and SEAM, that prepare adults for third level study. Eligible University Access students who are at least 22 years of age and meet the required academic standards, may progress to the following programmes: Arts & Humanities, Social Sciences, Law* (AHSSL), Science, Engineering*, Agricultural Science and Medicine* Veterinary Medicine (SEAM + additional requirements).

* Where there are more qualified applicants (i.e. students with a GPA greater than 2.6 (AHSSL) or 3.08 (SEAM) than there are places, the allocation will be made by highest GPAs.

For more information: Call +353 1 716 7584 or visit **www.myucd.ie/all/study**

Mature Applicants

UCD has a mature entry pathway for anyone who is at least 23 years of age on 1 January of the proposed year of entry and whose school-leaving qualifications are insufficient for admission. For admission in September 2024, your date of birth must be on or before 1 January, 2001.

How do I apply?

For all full-time and some part-time undergraduate degree courses, mature applicants must apply through the Central Applications Office (CAO). The application can be completed online at www.cao.ie. For some courses you must also register for a specific test (HPAT and NMBI Nursing/ Midwifery Assessment test) for details of what is required for each course. For most of our courses, the closing date for application is 1 February 2024. Some courses may accept late applications up to 1 May 2024, but this is subject to the availability of places.

What information should I provide?

You should complete the mature section on the CAO form fully, as this is a key part of how we will assess your application. Supporting documents for your qualifications should be sent to CAO as soon as you complete your application. If you wish you can also send an additional statement of interest or CV. Please visit our website www.ucd.ie/maturestudents for further information on application and advice on how we assess applications.

For more information:
www.ucd.ie/maturestudents

Open Learning

Open Learning is a flexible way to study in UCD part-time. There are over 300 modules available which can be studied for interest or credit. Modules can be combined into a Certificate in Open Learning, a progression pathway for entry into 13 undergraduate degree programmes.

For more information:
www.myucd.ie/ucdprogressionroutes

Lifelong Learning

Lifelong Learning courses are open to all adult learners and provide a unique opportunity to explore a subject without exams. Courses are participative, engaging and cover a range of topics including: Art Appreciation, Irish Studies, History, Literature, Philosophy and Writing.

For more information:
www.ucd.ie/lifelonglearning

Graduate Entry

There are graduate entry pathways available to the following undergraduate degrees:

- DN300 Veterinary Medicine (five-year programme)
- DN301 Veterinary Medicine (four-year programme)
- DN401 Medicine Graduate Entry
- DN411 Radiography Graduate Entry
- DN420 Physiotherapy

Note: For the graduate entry routes to Medicine and Veterinary Medicine, a separate application for GAMSAT is also required. The CAO closing date is 1 February, 2024.

For more information:
www.myucd.ie/grad_entry
www.gamsat.acer.edu.au
www.accesscollege.ie
www.cao.ie

Contact
UCD Access & Lifelong Learning Centre
1st Floor, James Joyce Library Building.
T: 01-716 7123

Course list by CAO Code

CAO Code	Course Title	Irish	English	Other Language	Maths	Laboratory Science Subject	Additional Matric Subjects	Minimum Leaving Certificate Point Requirement			
								2022	2021	2020	2019
DN230	Actuarial & Financial Studies	O6/H7	O6/H7		H2		3	613	613	601	577
DN250	Agricultural Science	O6/H7	O6/H7		O6/H7	O6/H7	2	387	440	453	420
DN100	Architecture	O6/H7	O6/H7	O6/H7	O6/H7		2	555*	553	510	473
DN520	BA Joint Honours	O6/H7	O6/H7	O6/H7			3	400	356	310	336
DN440	Biomedical, Health & Life Sciences	O6/H7	O6/H7	O6/H7	O6/H7	O6/H7	1	606	613*	589*	565*
DN610	Business & Law	O6/H7	O6/H7	O6/H7	O2/H6		2	566	566	544	521
DN451	Children's & General Nursing	O6/H7	O6/H7		O6/H7	O6/H7	2	528	532	499	462*
DN130	City Planning & Environmental Policy	O6/H7	O6/H7		O6/H7		3	455	420	390	367
DN650	Commerce	O6/H7	O6/H7	O6/H7	O2/H6		2	554*	554*	521*	498*
DN660	Commerce International	O6/H7	O6/H7	O6/H7	O2/H6		2	544	554	510*	507
DN201	Computer Science	O6/H7	O6/H7		02/H6		3	556	542	510	488
DN620	Criminology with Psychology	O6/H7	O6/H7	O6/H7			3	New	New		
DN710	Economics	O6/H7	O6/H7		H5		3	542	522	498*	476
DN670	Economics & Finance	O6/H7	O6/H7	O6/H7	H4		2	625	625	613	601
DN760	Education with Gaeilge &/or Modern Languages	O6/H7	O6/H7	O6/H7			3	New	New		
DN150	Engineering	O6/H7	O6/H7		H4	H6	2	566	556*	520*	511
DN261	Food Science	O6/H7	O6/H7		O6/H7	O6/H7	2	500	522	476*	434
DN450	General Nursing	O6/H7	O6/H7		O6/H7	O6/H7	2	424	462*	421	398
DN425	Health & Performance Science	O6/H7	O6/H7		O6/H7	O6/H7	2	543	541	507	488
DN262	Human Nutrition	O6/H7	O6/H7		O6/H7	O6/H7	2	554	566	531	493
DN530	Humanities	O6/H7	O6/H7	O6/H7			3	423	359	326	348
DN120	Landscape Architecture	O6/H7	O6/H7		O6/H7		3	440	430	407	353
DN600	Law	O6/H7	O6/H7	O6/H7			3	566	566	543*	520*
DN400	Medicine (Undergraduate Entry)	O6/H7	O6/H7	O6/H7	O6/H7	O6/H7	1	743	743*	736*	735
DN401	Medicine (Graduate Entry)	SEE PAGE 146									
DN453	Mental Health Nursing	O6/H7	O6/H7		O6/H7	O6/H7	2	419	441*	393	379
DN452	Midwifery	O6/H7	O6/H7		O6/H7	O6/H7	2	518*	507	473	409
DN541	Modern Languages	O6/H7	O6/H7	O6/H7			3	316	320	300	348
DN420	Physiotherapy	O6/H7	O6/H7	O6/H7	O6/H7	O6/H7	1	600	601*	568	542
DN720	Psychology	O6/H7	O6/H7		O6/H7		3	552	555	522*	517
DN410	Radiography	O6/H7	O6/H7	O6/H7	O6/H7	O6/H7	1	555	565*	531*	507
DN411	Diagnostic Radiography (Graduate Entry)	SEE PAGE 149									
DN200	Science	O6/H7	O6/H7		O2/H6	O2/H6	2	556	566*	533	521
DN750	Social Policy & Sociology	O6/H7	O6/H7		O6/H7		3	408	408	377	330
DN700	Social Sciences	O6/H7	O6/H7		O6/H7		3	445	463	418	388
DN430	Sport & Exercise Management	O6/H7	O6/H7		O6/H7	O6/H7	2	473	473	433	436
DN240	Sustainability	O6/H7	O6/H7		O2/H6		3	542	506	440	N/A
DN300	Veterinary Medicine (Undergraduate Entry)	O6/H7	O6/H7	O6/H7	O6/H7	H5 Chemistry	1	601	601*	589	567
DN301	Veterinary Medicine (Graduate Entry)	SEE PAGE 179									
DN310	Veterinary Nursing	O6/H7	O6/H7		O6/H7	O6/H7	2	500	486	466*	441

* Random selection

FEES & FUNDING

Undergraduate Tuition Fees consist of the following elements: Tuition Fees, Student Contribution Charge and Student Levy.

Tuition Fees — The Free Fees Initiative

Under the Higher Education Free Fees Initiative (currently under review), the State pays the tuition fees for eligible full-time, non-repeat undergraduate, EU/EEA/UK/ Swiss Confederation students who:

- Are first-time undergraduates.
- Hold EU/EEA/UK/Swiss Confederation nationality or official refugee status (see website for comprehensive list of categories).
- Have been ordinarily resident in an EU/ EEA/UK/Swiss Confederation member state for at least three of the five years preceding their entry to an approved course.

Only students who are not eligible under the Free Fees Initiative are liable to pay full fees.

Students who are classified as non-EU students pay non-EU fees. The fees schedule and fees information are available at **www.ucd.ie/students/fees**.

Updated information about tuition fees and fee payment for students entering UCD in 2024 will be available early 2024 when fees are set by the Department of Further and Higher Education, Research, Innovation and Science.

Student Contribution Charge

As a guide, the Student Contribution Charge for 2023/24 has been set at €3,000. If you are eligible under the Higher Education Free Fees Initiative, you will have to pay the Student Contribution Charge and the Student Centre Levy. The "free fees" scheme will pay the tuition fees element.

If you are not eligible for "free fees", you will have to pay the full programme fee rate, which includes the tuition fee, the student contribution charge and the student centre levy.

Students have the option to pay the Student Contribution in two parts: at the start of trimester one and at the start of trimester two. Parents should note that reductions for second and subsequent children take place via the tax system.

The Student Contribution Charge may be paid by the Exchequer in respect of students who qualify under the Higher Education Grants Scheme.

Student Centre Levy

All students will be liable for payment of the Student Centre Levy. As a guide, the Student Centre Levy for 2023/24 is €254.

Grants

The Higher Education Grants Scheme is managed by Student Universal Support Ireland (SUSI).

If you think you are eligible for a grant, you should deal directly with SUSI.

support@susi.ie 0818 888 777 or +353 1 524 2257 (if calling from abroad) www.studentfinance.ie

Funding & Loan Options

Many financial institutions are now offering tailored funding or loan options to third-level students.

Students should contact providers directly for support and advice on the financial options available to them in funding their study.

www.ucd.ie/students/fees

Budgeting Guidelines

Please use the figures below as a rough estimate of a monthly/nine-month student budget.

COST OF LIVING AWAY FROM HOME

EXPENSE	MONTHLY (€)	ANNUAL (€) NINE MONTHS (ACADEMIC YEAR)
Rent (based on UCD Merville Accommodation Rates)	815	7,335
Utilities (Electricity /Gas/ Bins/ Internet)	60	540
Food	350	3,150
Travel	75	675
Books & Materials	50	450
Clothes & Medical	50	450
Mobile	20	180
Miscellaneous	150	1,350
TOTAL	**1,670**	**15,030**

COST OF LIVING AT HOME

EXPENSE	MONTHLY (€)	ANNUAL (€) NINE MONTHS (ACADEMIC YEAR)
Contribution to Bills	50	450
Food	120	1,080
Travel	100	900
Books & Materials	50	450
Clothes & Medical	50	450
Mobile	20	180
Miscellaneous	125	1,125
TOTAL	**515**	**4,635**

Top Ten Tips for Applying to UCD

1. Ask questions. Talk to your guidance counsellor. To find out more about student life at UCD, our events and to hear from current students, follow us on Instagram (@myucd). If you have a particular question for a student ambassador, go to **www.myucd.ie/chat**
2. Study this prospectus and decide on a shortlist of the courses that interest you.
3. Check the entry requirements in this prospectus, or visit www.ucd.ie/lc for the most up-to-date information. Make sure you can meet the entry requirements for the courses you are considering.
4. Remember that the points are determined by supply and demand and may vary a lot from year-to-year, so don't focus too much on last year's points.
5. Include the courses that interest you in your genuine order of preference.
6. Fill out your CAO form online. It's cheaper if you do it before 20 January.
7. Make sure you include all relevant details:

- For Leaving Certificate exams already taken, ensure you include all exam numbers.
- If you are not a first time Irish school leaver, make sure you tick all relevant categories in the "Qualifications and Assessment" section on the CAO form.
- If you are presenting a certificate other than the Irish Leaving Certificate or applying as a mature or transfer applicant, ensure you send all supporting documents directly to the CAO.

8. Ensure you apply for any relevant tests and submit additional documentation if necessary.
9. Check the statement you receive from the CAO in May to make sure all details are correct. You can use the "change of mind" facility up to 1 July if you need to.
10. Remember, there are alternative routes to many of our courses, such as QQI-FET entry.

Frequently Asked Questions

I have qualifications other than the Irish Leaving Certificate. What documents do I need to send to the CAO?

If any of the following documents are relevant to you, they should be included with your CAO form:

- For any exams other than Irish Leaving Certificate 1985 onwards, send final results and certificates if available. (See CAO Handbook for full details).
- If you are taking 2024 exams, mention them in your CAO Application and forward the results as soon as they are issued and not later than 1 August 2024.
- Send transcripts of any previous third-level attendance OR, if you did not complete a year, send a certificate of attendance showing date of withdrawal.
- If you are applying as a mature applicant check application and assessment procedures required at www.ucd.ie/maturestudents
- In addition, applicants applying via HEAR or DARE will need supporting documentation.

Do I send copies or originals?

You should not send originals (except for Graduate Entry Medicine where originals are required). For all others, certified copies suffice (e.g. certified by a school stamp).

If you are admitted, we will need to view your original documents for verification purposes.

If I am offered a place, is there anything else I will need to do?

If you accept a place for some courses in UCD, you will be required to have health checks and/or undergo Student Garda (Police) Vetting. See page 198.

It is important to note that Healthcare Screening and Student Vetting are compulsory course requirements. See: **www.ucd.ie/vetting.**

My results are not in English. Do I need a translation?

A certified English translation is required for any qualifications not issued in Irish or English. When sending a translation, also include a copy of the untranslated document.

What do I need for Graduate Entry Medicine?

You must send CAO an original of your transcript and proof of award (either date of conferring stated clearly on the transcript or a certified copy of the parchment). Please see the Graduate Entry Medicine section on **www.cao.ie** for further details. GAMSAT results are valid for two years. Gaining a sufficient result in GAMSAT to gain admission will be taken as proof of English level.

How do I know if I am an EU or non-EU applicant?

Whether you are EU or non-EU is dependent on your fee status. If you have lived outside EU, you must check your UCD fee status at **www.ucd.ie/fees** – please note, students admitted as non-EU cannot change their fee status subsequently. If you have any queries, please contact **www.ucd.ie/askus**

When does the UCD term start?

Lectures are scheduled to start on 9 September 2024. However, there are also compulsory orientation events for first-year students in the previous week and you should expect to be on campus from 2 September.

If I get a place, can I defer (take a gap year) before starting?

Yes, in general it is possible to defer entry to UCD for one year. Full details of the deferral procedures and terms and conditions are available in the CAO handbook and at **www.ucd.ie/registry/prospectivestudents/admissions/policiesandgeneralregulations/deferralproceduresCAOapplicants.** Please note: there is a limit on the number of deferrals that can be granted.

What happens if I get an amended result which puts me above the points for a higher preference on my CAO form?

For early amendments, we endeavour to offer all such applicants a place for the current year, but we cannot guarantee that you would be permitted to enter this year. Possible entry in 2024 will depend on when the upgrade is received and if places are available in the programme.

If we are unable to offer you a place this year a deferred place will be given.

However, we do not make offers after the third teaching week as the Academic Year starts in early September.

This means that for the amendments received after this date, eligible applicants can only be given a deferred place for the following year.

For full list of FAQs please see:

www.ucd.ie/registry/prospectivestudents/admissions/faqs-undergraduate

Commuting to UCD

The UCD Belfield campus is located five kilometres from Dublin city centre and over seven million journeys are made to and from campus each year. There are many sustainable and active travel options to reach campus from across the city and indeed the whole country.

Getting to UCD by Bike & by Foot

UCD is a pedestrian and cycle friendly campus. There are twelve entrances to campus and five are pedestrian and cyclist only. In 2022 UCD was awarded Gold Certification as a cycle friendly campus by the European Cyclists' Federation.

UCD has over 5,000 bicycle parking spaces on campus with a mix of covered, uncovered, and secure cycle parking areas. Changing, shower facilities and public bike repair stands are available throughout campus. Bleeper and Moby bikes are also available for hire.

UCD is the only University in Ireland to have a bike shop on campus. 'UCD Bikes' operates with students in mind offering affordable prices on bikes and services, and lots of support including a buy-back scheme once you purchase from them.

Getting to UCD by Bus

Over 20 bus routes serve the Belfield campus, linking UCD to the city centre and suburban areas. These include the 39a bus route, which operates 24 hours a day on campus. New south side orbital bus routes, the S4 and S6 pass through many major residential suburbs in south Dublin while Express buses also serve UCD offering fast direct routes from suburban areas and the greater Dublin region.

There is a large bus terminus located on campus, opposite Merville Student Residences, and additional bus stops located on campus at the Newman Building, UCD Village and Student Centre. There are also bus stops outside each of the twelve campus entrances.

Several regional and private coaches directly serve the Belfield campus.

Getting to UCD by DART & LUAS

A shuttle bus from Belfield to the nearest DART station at Sydney Parade operates during peak morning and evening hours. The S4 and S6 buses serve campus every 10 and 15 minutes at peak times and integrate with Luas lines at Tallaght, Milltown and Dundrum. Heuston and Connolly Train Stations are linked to campus by many routes serving campus, which pass through the city centre.

Getting to UCD by Car

UCD operates a paid permit parking and hourly pay and display parking systems. Students who live on campus in UCD Residences are not entitled to purchase a parking permit.

Availability of parking spaces is limited during peak term times, Monday to Friday and spaces are available on a first-come, first-served basis. Holding a permit does not entitle the holder to a parking space or ensure a space will be available.

The University is committed to increasing sustainable travel journeys and strongly encourages public transport, cycling or walking to campus whenever possible.

Planning Your Journey

The Student Leap Card is the national student travel card. Card holders can get student discounts on fares for Dublin Bus, Luas, Bus Éireann, DART and Irish Rail services. To apply for a card visit **www.leapcard.ie**. With the TFI 90 Minute Fare student journeys cost as little as €0.65.

Transport for Ireland (TFI) has developed various mobile apps that can be used to plan your journey to campus from anywhere in the country, pay for tickets and check departures and timetables.

Visit **www.transportforireland.ie/available-apps/** for more information

TFI LIVE APP

TFI LEAP CARD TOP-UP APP

TFI DRIVER CHECK APP

TFI GO

Bus routes

27X	UCD - Clare Hall
32X	UCD - Malahide
84X	"Hawkins Street - Newcastle/Kilcoole"
X25	UCD - Easton Rd - Maynooth
X27	UCD-Aghards Rd - Salesian College
X28	UCD - Celbridge Main St-Salesian College
X30	UCD - Dodsboro
41X	UCD - Swords
17	Rialto - Blackrock
175	UCD - Citywest
S4	Scheduled for launch Q3 2023
S6	Scheduled for launch Q3 2023
39A	UCD - Ongar

7B	Mountjoy Square - Shankhill
7D	Mountjoy Square - Dalkey
46A	Phoenix Park - Dún Laoghaire
46E	Blackrock Station - Mountjoy Square
47	Belarmine - Poolbeg Street
116	Whitechurch - Parnell Square
118	Kilternan - Eden Quay
145	Heuston Rail Station - Ballywaltrim
155	IKEA Ballymun - Bray
11	Sandyford Industrial Estate - Wadelai Park
142	UCD - Portmarnock
103X	UCD - Ashbourne - Duleek - Navan
105X	UCD - M3 - Ratoath - Ashbourne

133	Wicklow - Dublin
164	UCD - Sydney Parade DART Station
180	UCD - Clones
904	UCD - Marshes SC Dundalk
824	UCD - Mountmellick
740	UCD - Dublin Airport - UCD - Wexford
740A	UCD - Dublin Airport - UCD - Gore
181	UCD - Dawson Street - UCD - Glendalough
125	UCD - Newbridge
X2	Wexford -UCD - Dublin Airport
2	Wexford - Gorey - Dublin Airport

Contact us with your queries

UCD Estate Services
(01) 716 7000

estates@ucd.ie
www.ucd.ie/commuting

Sustainable Commuting at UCD Belfield

Produced by UCD Estate Services

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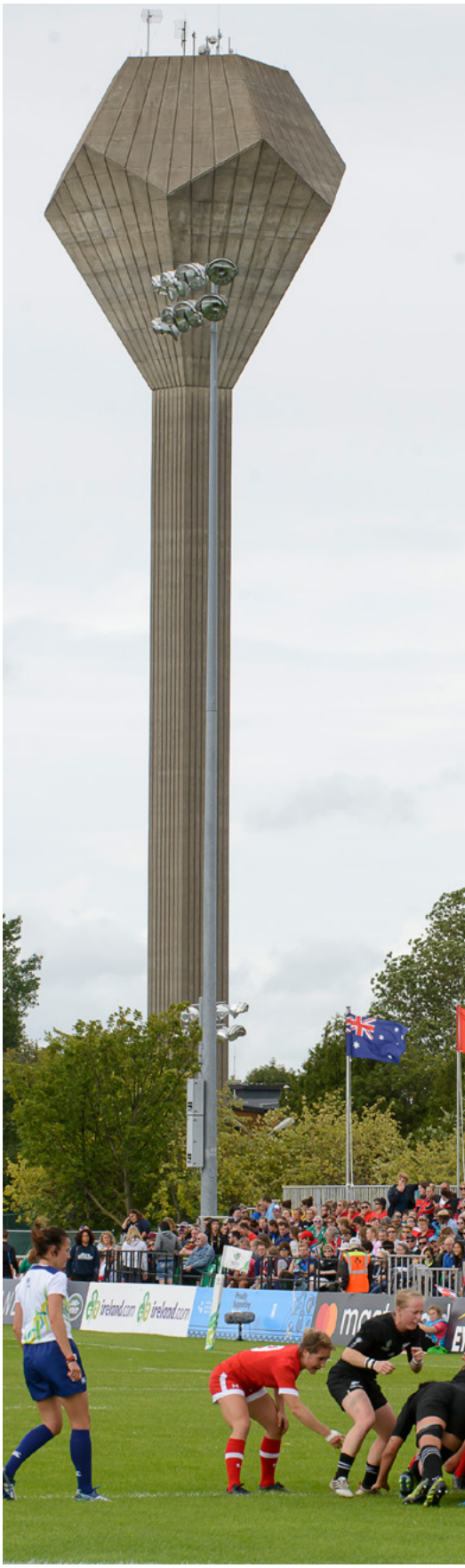

Open Days & Campus Tours

Campus Tour

Individual & School Groups

We welcome individuals and school groups to campus throughout the year. If you can't make it to campus, we can organise a student-led virtual campus tour. Visit www.**myucd.ie/visiting-ucd**

Chat with our Student Ambassadors

If you would like to find out more about student life at UCD or ask a student about a particular course. Our Student Ambassadors are on hand to answer any questions you have. Go to **www.myucd.ie/chat**

Summer School

4th - 7th June 2024

An opportunity to experience university life. Aimed at students entering their final year in September 2024 and who know what discipline they want to study but do not yet know what path to take through their degree. **www.ucd.ie/myucd/summerschool**

School Talks & Career Fairs

From September to May each year, our schools liaison staff are available to visit your school or meet virtually to talk about our range of courses and student life at UCD.

UCD is represented at all the major nationwide Institute of Guidance Counsellors careers and regional fairs.

For more information, email **schoolsliaison@ucd.ie** or call **+353 1 716 1504**

Register for email alerts
www.myucd.ie

UCD Open Day

Saturday 11th November 2023

10am – 4pm

- Course Talks
- Mini Seminars
- Campus Tours
- Information Stands

Open to 6th years, their parents, mature students, teachers, guidance counsellors.

Find out more

Subject Events

Make sure to register for our event alerts to find out about subject specific events held in each college throughout the year. Visit **www.myucd.ie/visiting-ucd**

Follow **@MyUCD** to find out more about student life on campus, events, course information, student Q&As and more.

Useful Contacts

UCD Student Recruitment
www.myucd.ie
T: +353 1 716 1507

Chat to our Students & Staff Online
www.myucd.ie/chat

To arrange a UCD Campus Visit
contact the UCD Campus Visit Co-Ordinator
E: campustours@ucd.ie
T: +353 1 716 1504

For information on UCD Schools Liaison
contact the UCD Schools Liaison Officer
E: schoolsliaison@ucd.ie
T: +353 1 716 1504

For information on UCD Access & Lifelong Learning
including Higher Education Access Route (HEAR),
Disability Access Route to Education (DARE),
University Access courses and Open Learning, contact:
E: all@ucd.ie
www.ucd.ie/openingworlds

For students with a disability, contact
E: disability@ucd.ie

Admissions & Fees
www.ucd.ie/askus
www.ucd.ie/admissions
www.ucd.ie/fees (for fees information)
www.ucd.ie/maturestudents

For details on UCD Accommodation, contact
UCD Residences, UCD, Belfield, Dublin 4
E: residences@ucd.ie
T: +353 1 716 1031
www.ucd.ie/residences

For information on CAO Application Procedures & Handbook, see
www.cao.ie

For information on matriculation, contact
National University of Ireland,
49 Merrion Square,
Dublin 2
www.nui.ie

For Important Dates For Applicants
Check the website for the relevant organisations:
www.cao.ie
hpat-ireland.acer.org
gamsat.acer.org
A detailed list of useful dates is available at:
www.ucd.ie/registry/prospectivestudents/admissions/admissions-keydates/

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