UCD 2022

UNDERGRADUATE PROSPECTUS

University College Dublin
Ireland's Global University

PROFESSOR ANDREW DEEKS,
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 undergraduate degree, the right university and the right time to dedicate at least three years to study are big decisions and I hope that this prospectus, and the range of engagements we offer through MyUCD, will encourage you to come to this great university.

Through a holistic student-focused and research-led educational experience, we strive to equip our students with the knowledge, skills, experience and attitudes they need to flourish in present and future Irish and global societies. We provide a supportive community, where everyone is enabled to achieve their full potential.

At UCD, the educational environment is designed to stimulate students through flexible teaching and learning practices. Our faculty bring their research and their scholarship into the classroom so that our undergraduates can engage with the most up-to-date knowledge. Recognising the pace of change in the world in which we live, we are constantly updating our curriculum content and structures so that our students get the best education.

UCD is Ireland's Global University, with over 8,500 students from 130 countries on campus. Our students can take advantage of an international experience that prepares them to take their place in the increasingly global society in which they will live and work.

Your university experience is a journey of academic and personal discovery. I invite you to learn as much as you can about the UCD experience: the societies and sports, the events, the facilities and our great campus. And, I look forward to welcoming you to Belfield and into our vibrant and embracing community.

FÁILTE ÓN UACHTARÁN

Is cinneadh mór é an chéim cheart, an ollscoil cheart agus an t-am ceart a roghnú le dul i mbun staidéir ar feadh trí bliana agus tá súil agam go gcuirfidh an réamheolaire seo, agus a bhfuil d'eolas ann ar a dtairgtear in MyUCD, ag machnamh thú ar an ollscoil iontach seo agus go meallfaidh sé thú.

Le heispéireas iomlánaíoch oideachais, a dhíríonn ar mhic léinn agus a bhfuil an taighde á threorú, déanaimid ár ndícheall na scileanna eolais, an taithí agus na dearcthaí a bheidh de dhíth ag ár mic léinn chun go n-éireoidh go geal leo i sochaí na hÉireann agus sa domhan mar atá, agus mar a bheidh, a thabhairt dóibh. Cuirimid ar fáil timpeallacht ina bhfuil tacaíocht le fáil, áit ar féidir le gach duine barr a gcumais a bhaint amach.

Tá an timpeallacht oideachais anseo múnlaithe sa chaoi is go spreagfar mic léinn trí chur chuige múinte agus cleachtais foghlama atá solúbtha. Déanann an fhoireann teagaisc an t-eolas reatha, ábhartha atá acu de bharr a gcuid taighde agus scoláireachta a roinnt leis na mic léinn sa seomra ranga. Tuigimid go mbíonn an saol de shíor ag athrú agus cuirimid ábhar agus struchtúir an churaclaim in oiriúint don méid sin go rialta i dtreo is go gcuirfear oideachas den scoth ar ár gcuid mac léinn.

Is é UCD Ollscoil Dhomhanda na hÉireann, a bhfuil beagnach 8,500 mac léinn as 130 tír ar an gcampas. Is féidir lenár mic léinn leas a bhaint as eispéireas idirnáisiúnta a ullmhaíonn iad chun a n-áit a ghlacadh sa tsochaí atá ag éirí níos domhanda ina mairfidh siad agus ina n-oibreoidh siad.

Aistear acadúil agus aistear ina gcuirfidh mic léinn aithne orthu féin atá i gceist leis an saol ar an ollscoil. Tugaim cuireadh duit eolas a chur ar an saol anseo i UCD: na cumainn agus an spórt, na himeachtaí, na háiseanna agus ár gcampas iontach. Agus, táim ag súil le fáilte a chur romhat go Belfield agus chuig ár bpobal bríomhar agus fáiltiúil.

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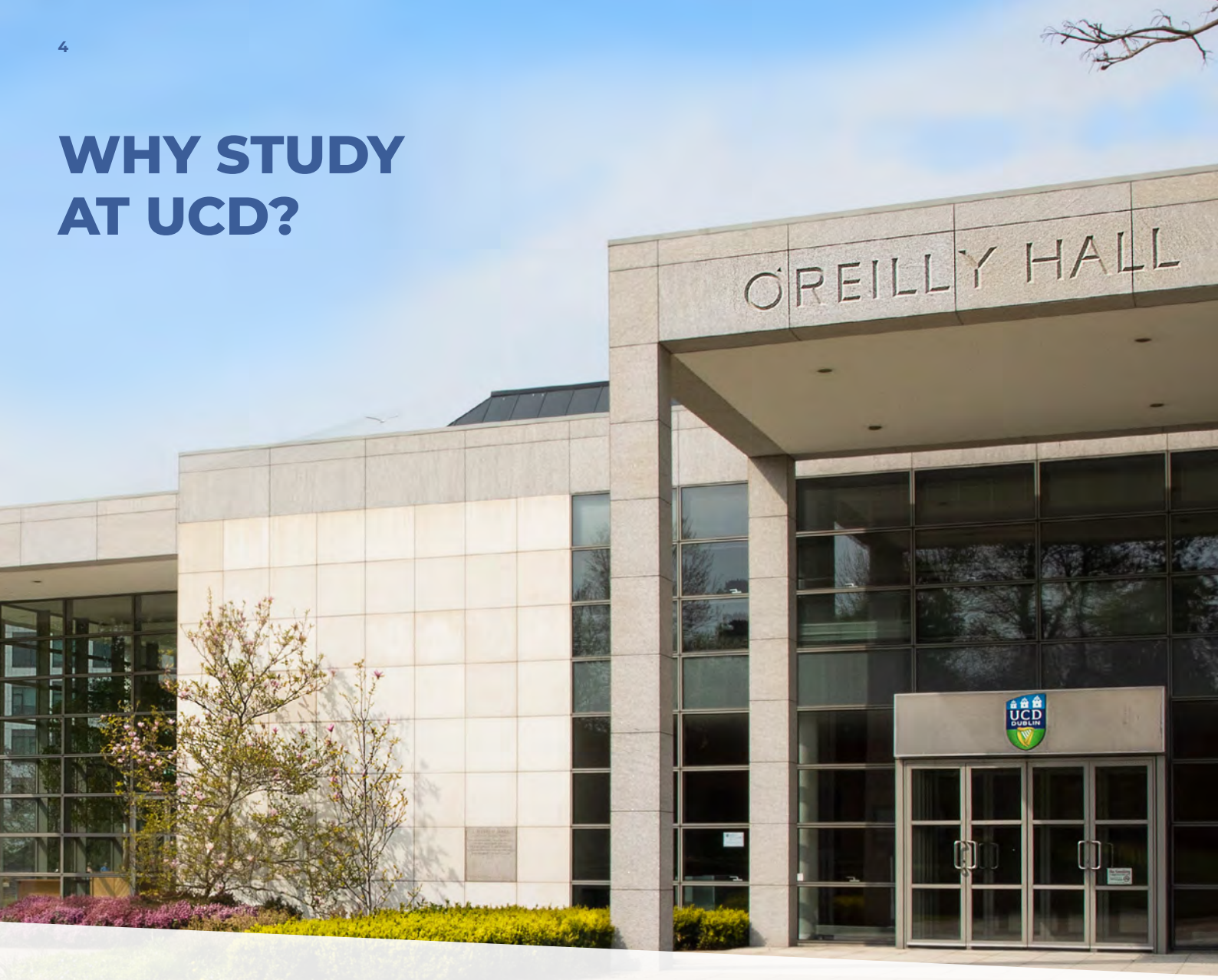
WHY STUDY AT UCD?



No.1 for Education

UCD is at the forefront of global knowledge with a curriculum constantly informed by the latest research and driven by lecturers at the cutting edge of their disciplines. UCD is ranked within the top 1% of universities worldwide and offers the best internationally accredited curriculum in Ireland.

No.1 for Course 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. This approach, along with the breadth of the UCD curriculum, gives you opportunities to broaden your horizons in ways that other Irish universities cannot match.

No.1 for Research

UCD has the highest publications volume of all Irish universities and is number one in Ireland in average research income. UCD is the leading national institution for European funding and is home to Ireland's first custom-built university incubation facility, NovaUCD.

No.1 for Global Community

UCD is Ireland's Global University with more than 8,500 international students from 130 countries and 32% of our academic staff from overseas. On graduating, UCD students become part of the almost 300,000 strong global alumni network many of who hold positions in leading organisations around the world.

No.1 for Study Abroad Opportunities

UCD encourages all of our undergraduate students to study abroad. In an increasingly complex global age, UCD provides an international context for your studies, giving you opportunities to experience the wider world. UCD has over 400 exchange partners worldwide and offers students opportunities to study with 28 partner universities throughout Europe during their degrees. UCD is a member of several international research and education networks such as Universitas 21 (U21), Erasmus, UNICA and EUC.

No.1 for Supporting Students

UCD has 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. Facilities include our writing centre, maths support centre, our five libraries and the largest Peer Mentor programme of any university in Ireland. We welcome every student to engage with all of the services on offer to them during their time at UCD.

No. 1 for Sport

UCD sports clubs are at the centre of student sport at the University. Clubs provide a huge range of opportunities to train, play and compete in sport, no matter what your passion, ability or level. Although competition is a feature of many of the sports at UCD, clubs also cater for students who may not wish to compete but want to train in a particular sport for the health and fitness benefits.

COME VISIT US
Go to page 208 to find out how.

RANKED WITHIN TOP 1%

of Higher Education Institutes in 2020

93%

First Year Student Retention Rate

NO.1 IN IRELAND

for Graduate Employability in 2018, 2019 & 2020

1ST CHOICE

for International Students

UNIVERSITY OF THE YEAR

Sunday Times 2020

NO. 1 IN IRELAND

US News Global Universities Ranking 2020

32% of students from under-represented groups

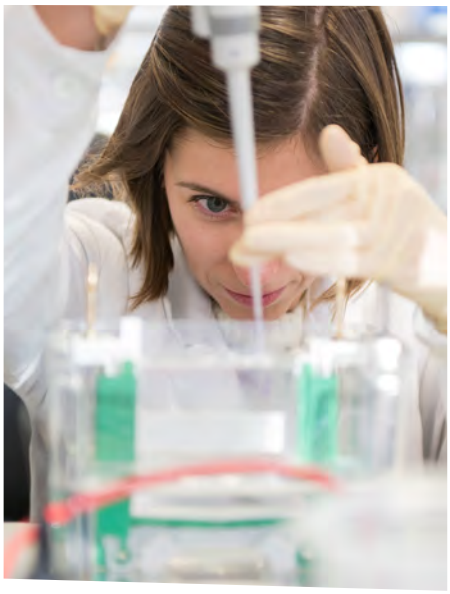
133	150+	4,000+
hectares of woodland campus	sports clubs and student societies	students living on campus

8,500 international students from 130 countries

Largest number of undergraduate students on Erasumus and Studying Abroad at some of the world's top universities

THE UCD EDUCATION

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. Testament to this education is the fact that UCD has ranked number one in Ireland for graduate employability for the last three years.



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 aim is to give our students the learning and skills 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 institutions worldwide. Four subjects are ranked in the top 50, 8 in the top 100 and 34 in the top 200 in the world (QS World University Ranking by Subject 2021).

UCD's innovative and adaptive curriculum is inspired by the philosophy of the college's founder, Cardinal 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 incoming first-year is assigned a Peer Mentor and there are Student Advisers for every programme. This is just one of the reasons why our student retention rate in first year is 93%.

www.myucd.ie/why-ucd

UCD Horizons - Modern, Modular Learning System

Students tell us that they love the flexibility of the UCD curriculum. This flexibility is made possible by the UCD Horizons Programme. Our modular learning system gives 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. The University will guide you through your choices, helping to set you on your own learning path.

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 have to study 10 modules (or 50 credits) that are related to your course. These are called 'core' modules. The remaining two modules (or 10 credits) are 'elective' modules. These allow you to customise your degree as you can choose these elective modules either from the course that you are studying to deepen your knowledge or from any course we offer in UCD.

For example, if you are studying Commerce but you always had an interest in Psychology, you could choose to study some modules from the Psychology degree course. Similarly, if you are studying Engineering but you like languages and want to study a little Spanish, you could choose your electives in Spanish. You do have to pass your elective modules to achieve your 12 modules (60 credits) per year.

Note, in some courses and/or stages, the 50/10 credit balance may vary. Also, the availability of modules is timetable dependent and subject to demand for spaces. 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

UCD Horizons is a great opportunity to broaden your knowledge in another area of choice. In my first and second year, I began learning Spanish, which I really liked. I also took the very first Black Studies module in Ireland, which I thoroughly enjoyed! Networking and interacting with students from different degree programmes is also one of the many benefits of UCD Horizons.

- Daniel Edunjobi, Commerce

WANT TO FIND OUT MORE ABOUT STUDENT LIFE?

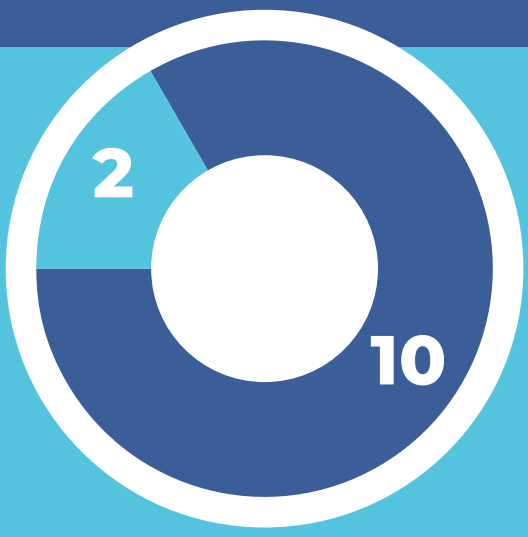
Go to **www.myucd.ie/chat** to chat with our student ambassadors and ask any questions you have.

SAMPLE STRUCTURE OF A 1-YEAR DEGREE

10
CORE AND OPTION MODULES
in your degree course(s)
= 50 CREDITS

+

2
ELECTIVE MODULES
from within or outside your degree course(s)
= 10 CREDITS



YEARLY TOTAL
12 MODULES = 60 CREDITS

IRELAND'S GLOBAL UNIVERSITY

UCD is ranked in the top 1% of higher education institutes worldwide. It is also the most diverse university in Ireland with more than 8,500 international students from 130 countries. This international context enriches the university experience for UCD students, equipping them with the tools to contribute pro-actively to the global community.

Study Abroad Opportunities

In an increasingly globalised age, UCD encourages all undergraduate students to study abroad and experience the wider world. UCD has over 400 exchange partners worldwide for students to choose from, whether you want to increase your fluency in a second language or study in English.

UCD Students can receive Erasmus grant funding for exchanges with partner universities in 28 countries throughout Europe.

UCD is the only Irish University that is a member of Universitas 21, an international network of 27 leading research-intensive universities in 18 countries. Partners include the University of Connecticut, University of British Columbia, University of Auckland and the University of Melbourne.

Alternatively, students can choose other exchanges with universities in Canada, Hong Kong, Japan, New Zealand, Singapore and the USA.

www.ucd.ie/global/learningabroad/exchanges

Global Lounge

The UCD Global Lounge is a multi-functional space that enables students, staff and the wider UCD community to build connections with each other and the world around them. Facilities include LED screens, sound system, Nintendo Switch, board games, book swap, and a kitchenette for tea/coffee at events. Global Guides are also available to answer queries at the Welcome Desk.

www.ucd.ie/global/studentexperience/theucdgloballounge

Applied Language Centre

Available to all students to help them become proficient in a second language. Students can study 10+ languages across a range of levels. The Centre also offers an Introduction to English Language Teaching elective to undergraduate students and a Master's in Teaching English to graduate students.

www.ucd.ie/alc

Find out more:
UCD Global Centre

KEY FACT

774 UCD students went on exchanges for a semester or full year (2019/2020)

youtube.com/UCDGlobal

www.facebook.com/UCDGlobal

www.instagram.com/ucdglobal

Sophie Gorman, Social Sciences Graduate, participated in the 2019 UCDVO project in Assam Don Bosco University, Northeast India.

"My involvement in the UCDVO programme was one of the most important experiences of my life. It has made me more culturally aware, has re-shaped my outlook on the world and has changed my mind on what I want to do with my life after college. I was also lucky enough to meet the most amazing group of like-minded people who are now like my family."

International Volunteering Opportunities

Established in 2003, UCD Volunteers Overseas (UCDVO) is a registered charity.

It provides students, staff and graduates with the opportunity to participate in a year-long volunteering and global citizenship programme. This includes four weeks volunteering (onsite or online) with one of UCDVO's overseas partners in India, Tanzania and Uganda.

The programme includes a structured series of development education workshops, relevant training and debriefing. UCDVO's goal is for the UCD community to have a deeper understanding of the challenges facing humanity worldwide and the determination and self-belief to tackle the issues underlying global poverty and inequality.

ww.ucdvo.org

THE UCD CAMPUS

UCD has one of the largest urban campuses in Europe, and contains not only the buildings in which students live and study, but also gorgeous parkland teeming with wildlife, art and fabulous facilities.

The UCD Campus Today

Today, UCD students benefit from 253, 596 sqm of academic space for teaching, learning, research and innovation. 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, active learning environments. 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 at the UCD Quinn School and the Moore Centre for Business.

The UCD Woodland Walks

There are over eight kilometres of woodland paths through nine hectares of campus woodland coverage. Along the five meandering paths, walkers will pass many mature trees dating from the 18th and early 19th centuries, which complement areas of new woodland planted as part of UCD's programme to maintain and enhance the ecological diversity of the campus.

The Origins of the UCD Campus

The Belfield Campus is known for its parkland setting and mature landscape, much of which was influenced by the 19th century estates. This is still evident through archaeological features, woodland boundaries, tree avenues and walled gardens. Since the 1930s, the Belfield Campus has evolved through the purchase of some of Dublin's finest period houses and estates. The modern campus takes pride in its links to the past and provides an important amenity to students, staff and the local community.

Did you know?

UCD Rosemount Environmental Research Station is a state-of-the-art plant and environmental research facility located on campus, which boast the National Heritage Apple Collection, a meteorological station, an apiary and more.

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.

CAMPUS FACILITIES

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. The Student Centre and the Sports & Fitness Complex are the home of student life on campus and provide the most diverse range of student facilities of any university in Ireland.

Sports & Fitness Centre

UCD Students have access to two large state-of-the-art gyms completely free of charge, along with complimentary access to over 100 fitness classes per week. 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
- Three multipurpose sports halls
- Four squash courts and a climbing wall
- Handball/racquetball alley
- Performance and squad gyms
- 17 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

www.ucd.ie/sport/facilities

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**
- **Medical & Counselling Center**
- **Pharmacy**
- **The Belfield Barber**
- **The UCD Clubhouse (bar and function room)**
- **Students Union**
- **SU Shop**
- **Poolside café**

www.ucd.ie/studentcentre

CAMPUS ACCOMMODATION

Ireland's largest university campus, UCD is a vibrant student community with over 4,000 students living on two state-of-the-art campuses only five kilometres from the city centre.

Coming to live on campus at UCD as a first-year student is an exciting and liberating experience. To help you adjust to college life, 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.

As a guideline, accommodation fees for the 2021/22 academic year range from €8,059 to €12,275 (including a refundable booking deposit).

Applications for UCD Residences normally open in May. For details and updates on the application process, see www.ucd.ie/residences. For off-campus options, see www.ucdaccommodationpad.ie.

KEY FACT

1st Year Students get priority for on-campus accommodation

Booking Facts

Select from a wide range of locations with different prices and facilities. You have a choice of residence villages. An electronic booking system provides basic information on the profile of students already booked into shared apartments.

On-Campus Residential Services:

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

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, out-of-hours services for residents.

ResLife Programme

The ResLife Programme aims to build a community within the Residences. Events are organised throughout the year, for example sports activities, fitness classes, cooking classes, social events and day trips.

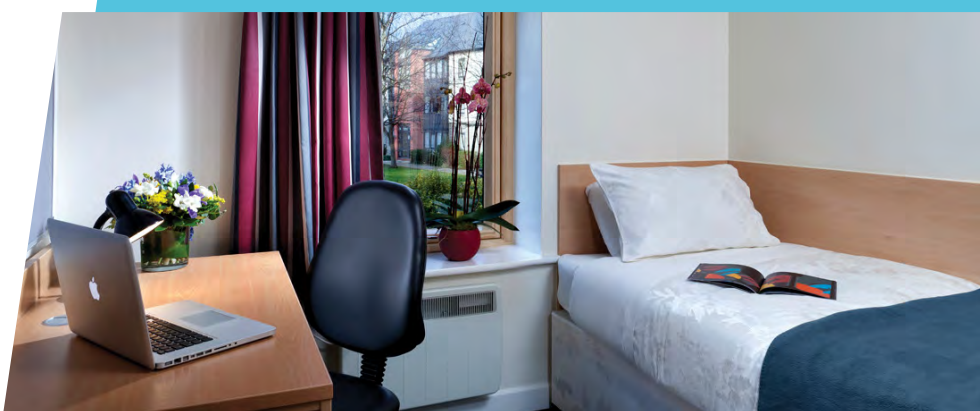
Find out more:
UCD Accommodation

Contact Details:

Booking Office Queries: residenceroombooking@ucd.ie

General Queries: residences@ucd.ie T: +353 1 716 1031

www.ucd.ie/residences



SPORTS CLUBS

With over 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.

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

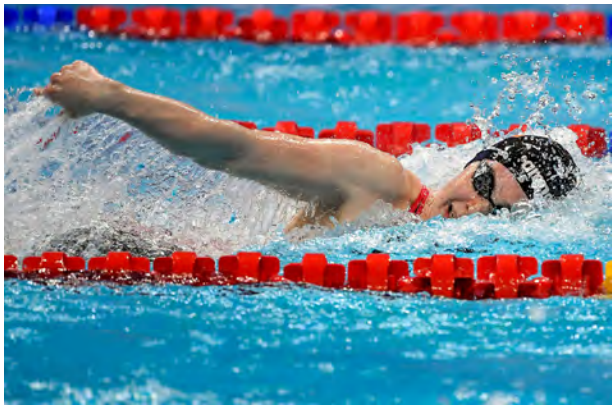
www.ucd.ie/sports/clubs

STUDENT SOCIETIES

Student societies are a great way to explore your interests and develop new ones. UCD has over 85 active student societies so there is something for everyone from jazz and juggling to science, music and political studies.

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

www.societies.ucd.ie



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.

Writing Centre

Writing in university is different from secondary school writing; it is a different skill that you will learn. The Writing Centre is a free service, offering one-to-one tuition and writing workshops with experienced tutors. We can help you with any assignments (essay, report, research papers etc.) at any stage of your writing, from planning and drafting to revising and editing.

www.ucd.ie/writingcentre

Maths Support Centre (MSC)

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 almost two million resources, print and ebooks, journals and subject databases. The UCD Special Collections contains unique book, archival and manuscript collections. There are over 3,000 quiet reading or study spaces, along with group study rooms and social learning spaces. Our wide range of services includes free laptop loans.

www.ucd.ie/library

Cursaí Gaeilge/Irish Language Courses and Activities

Cuireann Gaeltacht UCD cursaí 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, from beginners to advanced levels as well as a range of cultural and social activities throughout the year.

www.ucd.ie/bnag

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 two drop-in IT Centres 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

Applied Language Centre

We offer 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 can be taken in French, German, Japanese and Spanish. The skills of speaking, listening, reading and writing are the focus of our small group language classes. We also offer international pathway programmes designed to prepare international students to successfully undertake their studies at UCD. An 'Introduction to English Language Teaching' elective is available to undergraduate students and a Master's in TESOL to graduate students.

www.ucd.ie/alc

Innovation Academy

UCD Innovation Academy's mission is to provide a transformational education experience. We offer in person and online elective modules for UCD undergraduate students including Creative Thinking, Essentials of Entrepreneurship, Social Entrepreneurship, Design Thinking, Design Your Life and more. Our focus is on learning by doing and students learn in an innovative and creative environment through workshops, engagement with industry, team challenges and presentations. Participants gain key skills that are highly sought after by industry.

www.innovators.ie/undergraduate-electives

STUDENT SUPPORTS

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

Peer Mentoring

As a new student, you will be assigned a Peer Mentor. Peer Mentors are students who have already completed their first or second year of study in a similar area and understand what it is like to be a new student. Peer Mentors are a friendly point of contact and can share their knowledge and experiences with you to help you settle into University. UCD has the largest Peer Mentor programme of any Irish university with over 600 Peer Mentors.

Student Advisers

The UCD Student Advisory Service is a point of contact, support and referral for all UCD students. Every academic programme in UCD has a dedicated Student Adviser who offers students time and space to explore issues of concern to them. The Student Advisers can assist students in finding pathways to deal with personal, social and emotional issues, and can advise of and support students through the appropriate UCD policies, procedures and services for their circumstances. Student Advisers work closely with academic and administrative staff as well as with other student support staff, to help student's make the most of their UCD experience.

www.ucd.ie/studentadvisers

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

Student Health Services

On-campus medical, psychological and psychiatric care to registered students including routine and urgent GP appointments; screening and vaccinations; addiction counsellor services; nurse and doctor led sexual health clinics; psychiatric services; contraceptive, travel and sports clinics.

www.ucd.ie/stuhealth

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 comedy, tapas, movie nights, music nights, sports tournaments, scavenger hunts and more.

Students' Union

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

www.ucdsu.ie

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. UCD is number one in Ireland for graduate employability. 94% of our recently surveyed honours degree students entered employment or graduate study within nine months of leaving UCD.

Every year we hire UCD students for all our programmes including our Summer internship, our work placement and our graduate programmes. We have UCD alumni throughout our business from Partners through to Associates. The students we recruit are enterprising, passionate, innovative, bright and have strong communication and interpersonal skills. Students and graduates from UCD fulfil all our requirements and we find that they thrive at PwC.

- Niamh McInerney, Head of Graduate Recruitment, PwC

Experience has shown UCD graduates from all disciplines to possess the attributes and skills needed to thrive in our business and deliver the high-quality and innovative solutions for which Accenture is renowned.

- Hilary O'Meara, Head of Accenture's Technology Growth Platform in Ireland

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 within the curriculum

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

Initial 20-minute coaching slots are available Monday-Friday and on Wednesday evenings until 7:30pm (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.

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

KEY FACT

UCD is No.1 in Ireland for Graduate Employability

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.

ONLINE RESOURCES

2nd YEAR

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.

CAREER COACHING & WORKSHOPS

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.

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

Time to Apply...

Network with world leading employers who are targeting UCD students for intern and graduate jobs at our five virtual recruitment fairs, employer-led workshops and recruitment presentations. Every year, over 3,500 intern and graduate jobs are directed to the UCD Careers Network for promotion to students at UCD.

Final YEAR

ACCESS ADMISSION PATHWAYS

UCD continues to create an inclusive university for all. We recognize, prize and promote diversity. Diversity brings talent, energy and experiences to our campus. We are ready to help you succeed with a range of admission pathways to ensure students of all ages, disabilities and backgrounds can study and succeed here.

Outreach, Information & Guidance

Information sessions and application support for prospective students. Outreach activities for linked community organisations and schools, offering on and off campus information workshops, student experience opportunities and mentoring.

Post-Entry Supports

Dedicated ALL (Access and Lifelong Learning) student welcome, Cothrom na Féinne scholarships, academic skills support, needs based financial support, specialist student support, needs assessment for exam accommodations and assistive technology support of students with a disability.

Higher Education Access Route (HEAR)

An admissions scheme for school leavers under the age of 23 who are from under-represented socio-economic backgrounds and are 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.

hear@ucd.ie

Disability Access Route to Education (DARE)

An admissions scheme for school leavers under the age of 23 with a disability or a specific learning difficulty. Students who meet the eligibility criteria can compete for a quota of places allocated to applicants on a reduced points basis.

dare@ucd.ie

QQI-FET

22 UCD undergraduate programmes accept QQI-FET as a progression pathway. Students with appropriate QQI-FET (Level 5 or 6) qualifications and modules with a minimum distinction in five modules can be admitted on a competitive basis.

www.ucd.ie/FET

Mature Students

UCD has a mature entry pathway for anyone who is at least 23 years of age on 1st January prior to proposed entry.

www.ucd.ie/maturestudents

University Access

UCD has two part-time courses, AHSSL & SEAM, to prepare students who are at least 22 years of age and wish to pursue a degree at UCD.

Eligible University Access students, who meet the required academic standards, may progress to the following programmes: Arts & Humanities, Social Sciences, Law* (AHSSL), Science, Engineering*, Agricultural Science and 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.

Open Learning

Open learning allows you to fit college around your life. Open learning is a flexible way of studying part-time at UCD. It opens up hundreds of modules, with the opportunity to study for a qualification or for interest. Students can achieve a certificate or diploma in open learning and can progress to a number of degree programmes listed.

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.

www.ucd.ie/lifelonglearning

KEY FACT

32% 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 and asylum seekers and ethnic minorities.

KEY FACT

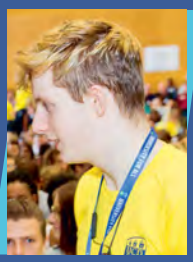
In 2020, more than a quarter of our undergraduate intake was from one of the Access Pathways - DARE, HEAR, Mature, QQI-FET.

Contact Details:
UCD Access & Lifelong Learning Centre
1st Floor, James Joyce Library Building.
E: all@ucd.ie T: 01-716 7123 www.ucd.ie/all

HEAR Scheme

It was great to have entry route support available to me as it helped remove some pressure. The support doesn't stop upon entry. It's been there for me since my first day. I am in my final year studying genetics and I absolutely love it. It's so interesting studying the different aspects of genetics and UCD has so many great resources. I love UCD because there really is something for everyone here with its wide choice of societies, clubs and events. I work in the UCD Access and Lifelong Centre in a variety of roles and am currently Auditor of the UCD Gospel Choir.

- Favour Ogundare, Student, Science



DARE Scheme

I chose UCD for its approach to those who have a physical disability. I had visited many other universities and UCD stood out for its compassion and flexibility when it came to students who suffered from various health issues. I feel right at home coming to UCD, getting involved with the Science Society, later joining the committee and doing extensive charity work with the team, making friends with people I will know for a lifetime. The warmth and levity the UCD atmosphere provides is something that I've only ever found here, and it's the reason I love it so much.

- Owen Johnson, Student, Astro Physics

Lifelong Learning

In 2000, I discovered Lifelong Learning in UCD, I started with 'Walks-and-Talks'. On that first Saturday, we gathered together at City Hall and set off to walk Dublin's streets. From the Viking era, through the centuries, to the present day the tutor conjured up a living past. I was hooked! Lifelong Learning, for me, has been an amazing journey from a curious beginner to an intensely interested student. Perhaps, coming later in life to this wonderful experience, has made it all the more valuable and so tremendously exciting.

- Jean McEvoy, Lifelong Learner

University Access

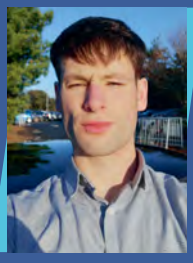
After the leaving cert, I went straight into employment and so never experienced college life. I was apprehensive about diving in and that's why I did the access course. It's a great way to prepare for student life. I am in my second year of DN700 – Politics. It's a great way to learn about how the world works and gain skills that transfer to employment. I'm an Access Leader and a Student Union representative. A lot of people think that mature students can't access the social side of college, but you definitely can. I've gotten so much out of UCD, I really want more people like me to discover it.

- Gary Ward, Access Graduate, Politics Student

QQI-FET

I applied through the QQI-FET pathway having completed a QQI Level 5, Business Studies Certificate. I was determined to study Commerce in UCD and so I was willing to put in the work for one more year. What I love about my course is the broad exposure to many different business modules. You can choose the ones you'd like to specialise in for your final year. The facilities are also second to none in the Lochlann Quinn School of Business with study spaces, presentation studios, a data analytics lab with Bloomberg terminals and studios for collaborative workspaces. I am currently a member of the UCD Investors & Entrepreneurs Society, attending many events with this society.

- Calvin Kearns, Student, Commerce



Mature Student

The Access Course offered me the chance to improve my academic ability before I enrolled for a full-time course. Attending part-time was very beneficial as it was flexible with work and it allowed me an excellent opportunity to get to grips with UCD and familiarise myself with the campus before starting my degree. UCD Sutherland School of Law offers an outstanding programme, which is challenging but rewarding. The Dean of Law hosts seminars with prominent guest orators who are experts in their fields. There is lots to enjoy about UCD. The facilities cater to your every need and the staff are always helpful.

- Shane Black, University Access Graduate, Law Student

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
Awarded to first year students who achieve 560 points or more in their Leaving Certificate (or equivalent second-level examination). No application is required and recipients are automatically informed.

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

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 help make access to higher education fair. Named after UCD's motto - 'justice and equality', the UCD Cothrom na Féinne scholarships provide financial, academic and personal support to enable students from a diverse range of backgrounds to succeed at UCD. Applications open in August of each year.

www.ucd.ie/all

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/bnag

UCD DUBLIN
AD ASTRA ACADEMY

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 (or international equivalent), as well as an online application. Applications accepted from 1 Feb to 21 Aug 2022. Shortlisted candidates will be invited to interview after CAO offers are released. 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 2022. 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 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 2022. Applicants should also complete their CAO forms by 1 Feb for undergraduate admissions. Graduates applications to apply directly to UCD.

www.ucd.ie/adastraacademy/elitesports

The Irish Hockey Team, which includes seven UCD Elite Sports Alumni and Scholars (Katie Mullan, Deirdre Duke, Elena Tice, Gillian Pinder, Chloe Watkins, Anna O'Flanagan, Emily Beatty), celebrate their historic silver medals after the Women's World Cup finals in 2018.

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

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 talented 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

Alumni Lisa Lyons and Emmet Farrell perform at the Frank McGuinness Symposium 2019.

Hasitha Perara, Ad Astra Academic Alumnus, currently completing an ME in Engineering with Business at UCD.

UCD Choral Scholars in New York for their debut Carnegie Hall performance in 2019.

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Exploring what has shaped our societies, understanding how people communicate, discovering how to imagine and argue for change: these are vital tasks of the Arts and Humanities. Our students learn to think independently, act creatively and adapt effectively to new situations and challenges, enabling them to enjoy fulfilling careers. Our graduates work in many areas including culture, public sector, media, law and business.

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.

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: 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.

UCD is ranked number one for graduate employability in Ireland. 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

BA Humanities (DN530)

This four-year, innovative, multi-subject degree offers 14 distinct courses. Students applying through the CAO pick DN530 and choose one course. 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. For details on the BA Humanities courses, see pages 30 - 43.

BA Modern Languages (DN541)

This four-year degree is designed for students who wish to study at least two languages: French, German, Italian or Spanish. 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 environments. For more details, see page 44.

BA Joint Honours (DN520)

This long established, three-year course gives students the freedom to choose from an unrivalled range of 25 subjects and build their own bespoke degree. Students applying through the CAO select DN520 and choose two subjects. See the page opposite 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 Year 1 during registration. At the end of Year 1, 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.

Students on the BA Joint Honours can choose to spend a full year abroad in Year 3 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.

Find out more:
UCD Arts & Humanities Virtual Tour

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

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

CLASSICS, ART HISTORY & ARCHAEOLOGY

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, a third language and three other recognised

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

Other Courses of Interest:
Classics, English & History

When I was deciding what degree to do I wanted to find a course that combined all my interests. When I discovered Classics, Art History & Archaeology I was delighted, as it perfectly combines three subjects that I love, creating a unique opportunity. While studying I have had so many opportunities to travel and work; I travelled to Greece with Classics, Paris with Art History and soon I hope to go to Frankfurt to do an archaeological dig. I love my course and I would recommend it to anyone who loves travelling and meeting new people.

- Iseult Devaney, Student

Why is this course for me?

Students will benefit from the interdisciplinary study of visual arts, archaeology and material culture from prehistory to the present day. Classics, Art History & Archaeology will give you insight into both the ancient world and into the ideas that have shaped modern culture and society. Learn how to explain and interpret the world around you, evaluate evidence and present your ideas as you develop a greater understanding of the forces that have shaped our society.

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 is a subject that inspired the Renaissance and remains central to understanding modern European culture and society.

Art History interprets the art of different ages and assesses its meaning, development, context and quality. Students study systems of formal analysis (e.g. composition, style or iconography); patronage and social context; conceptual and historical analysis.

Archaeology uses past material culture and landscapes to reconstruct human lives. Students of archaeology learn interdisciplinary, creative approaches to understanding human societies past and present and explore the key events that have shaped history.

First Year

You will take an interdisciplinary core module based in the UCD Classical Museum and choose from the full list of Classics, Art History and Archaeology modules, including: Classical Greece · Age of Augustus · Lost Cities of the Ancient World · Art of the Renaissance · Baroque to Romanticism · Exploring Archaeology · Introduction to the Archaeology of Ireland · The Human Past · Anthropology

Second Year

You will take an interdisciplinary core module based in UCD Special Collections and choose a wide range of modules across the three subjects, such as: Alexander & His Successors · Early Roman Empire · Greek Comedy · Early Islamic Art & Architecture · The Age of Michelangelo · History & Theory of Photography · Archaeology of Landscapes · Archaeological Science · Archaeological Field Skills

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 produce a dissertation in any of the three subjects, and select from a range of modules in Classics, Art History and Archaeology.

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, History, Film, Drama, Media Studies, Cultural Studies, Education, Archives, Cultural Policy and Arts Management. Graduates are also eligible for MLitt and PhD programmes in Classics, English and History.

Careers

Graduates will have skills in critical thinking and interdisciplinary analysis, which will prepare them for careers in: Cultural Heritage, Education, Archives, Media, Journalism, Public Service, Museums and Art Galleries, Research, and a wide range of private sector roles.

www.myucd.ie/classics-art-history-archaeology
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Classics, English & History at UCD was a fantastic choice for me. I had always been interested in these subjects and now I get to study each of them in depth, as well as interdisciplinary modules to really analyse how they impact each other. I have gained research and critical thinking skills and learned about a wide range of topics from each discipline. I also spent a trimester on an internship in the Little Museum of Dublin gaining hands-on professional experience. The academic, professional and personal growth opportunities I've been able to explore over my time in UCD have made my learning experience here so enriching.

- Niamh Scully, Student

CLASSICS, ENGLISH & HISTORY

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

Why is this course for me?

Do you want to develop a deep understanding of human experience in Europe and its associated 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 at 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 · Creating History · 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 and 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 · French Revolution · 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 · Orwell's Twentieth Century · 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 transferrable 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.

www.myucd.ie/classics-english-history
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Other Courses of Interest:
Classics, Art History & Archaeology 30

CREATIVE & CULTURAL INDUSTRIES

BA (Hons) (NFQ Level 8)

This new course is an exciting development at UCD — one that's simultaneously rigorous, supportive and flexible — poised to launch the next generation of creative dreamers, makers, producers and doers. Producing and managing creative work is a highly dynamic and fast-evolving profession. As co-founder of the production company THISISPOPBABY, we aim to create spaces for radical self-expression, underpinned by ethical and sustainable management practices.

- Jenny Jennings, UCD Graduate, Creative Fellow and Guest Lecturer

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

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 begin by building a core understanding of the contemporary creative and cultural industries: how the visual arts, theatre, music, festivals, television, film and media are produced and managed in global contexts. You will acquire robust skills in financial management and project production; cultural policy and self-reflective practice; intellectual property and copyright law; as well as knowledge of emerging digital technologies and their impact on creativity. You will also develop a subject specialism in one of five areas: art history & visual culture; English & creative writing; Irish & folklore; music performance & production; or media & comms. Supervised by industry mentors, you will build 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.

Other Courses of Interest:

Classics, Art History & Archaeology	30
English with Creative Writing	34
Music, Film & Drama	42
Art History	45

https://www.myucd.ie/creative-cultural-industries/
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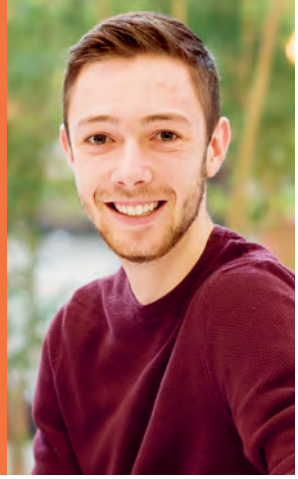
I have always been interested in the three subjects English, Drama, and Film and was thrilled when I discovered that UCD provides the opportunity to study them together. Being an interdisciplinary course, it shows how each of the three subjects influences the other ones while studying them thoroughly on their own as well. The course has given me a greater understanding of the correlation between the film, drama and media industries. I am excited by the modules and opportunities this course offers me.

- Raphael Adams, Student



ENGLISH, DRAMA & FILM

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

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 · Twentieth Century Drama · Film & TV Genres: Horror or Action/Adventure · Mediated Identities: Documentary & Social Change · Production Culture: TV History · National Cinemas: Irish Film & TV · Global Bollywood · The French New Wave

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 · Internship · Trimester Abroad

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: Freiburg, Paris, Turin, Verona, Amsterdam, Coimbra, Barcelona in Europe as well as Canada, USA and New Zealand.

Graduate Study

Graudates 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.

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Other Courses of Interest:
Music, Film & Drama 42

ENGLISH WITH CREATIVE WRITING

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

Other Courses of Interest:

English, Drama & Film 33
English Literature 35

Studying English with Creative Writing has allowed me to take something I love and incorporate it directly into my degree. The hardest part about writing is often finding the time to do it. The English with Creative Writing course allows me to focus entirely on something I am passionate about. The School of English, Drama and Film offers an impressive range of English modules is unparalleled and gives me the freedom to explore English and Creative Writing in great depth. This year, I was able to do an internship with the National University of Ireland. It was a fantastic practical experience, editing documents for publication and transcribing lectures from politicians.

- Djamel White, Student

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. To help you reach this standard, you will be advised and directed by one of the supervisors on the Creative Writing 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 craft. You will be introduced to contemporary developments in literature by considering the work of a number of Irish 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 · Writing the Body · 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 · Ten Poems · The English Novel · 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

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

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 offer 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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UCD School of English, Drama and Film
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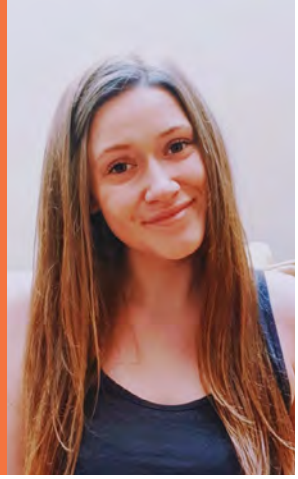
Studying English Literature at UCD has been an extremely rewarding experience. Getting to engage with classic literature in all of its forms has truly broadened my world view and improved my critical thinking and writing skills. It has also enabled me to learn about history, philosophy and culture through a literary lens. Studying English Literature is perfect for those students who wish to engage with passionate staff members in a great mixture of both small group learning and large lectures. This course also gives you the opportunity to apply for an internship. I thoroughly enjoyed a trimester working as a producer in an experimental theatre company in my third year.

- Peyton Tuomi, Student



ENGLISH LITERATURE

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

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 nineteenth and twenty-first centuries. 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 · Writing the Body · Comics & Fantasy · Literature & the Marketplace

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 · Twentieth-Century 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.

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Other Courses of Interest:

English, Drama & Film 33
English with Creative Writing 34

EUROPEAN STUDIES

BA (Hons) (NFQ Level 8)

Studying European History at UCD has provided more learning opportunities than I ever imagined. One of those experiences has been the wonderful ERASMUS programme, which developed my language skills, while broadening my cultural horizons and international peer group.

- Mairead Barrett, Graduate

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

Why is this course for me?

European Studies is an exciting and challenging new UCD BA Humanities course for 2021, taught by some of Ireland's leading academics. Transnational and interdisciplinary in perspective, the course is designed to inspire indepth 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 1 · Modern Europe · Rome to Renaissance: Medieval Europe · German History on Screen · Renaissance Italy · French Fictions · Language modules

Second Year

Modules include: Approaches to European Studies 2 · Islam & Christianity · Early Modern Europe · The Cinema of Almodovar · The Enlightenment: An Introduction · Post-War: Europe since 1945 · Radical Thinkers · Intercultural Communication · Language modules · Internship

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 a trimester, you then have 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
- 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 · Environment & Power in Modern Russia · Versailles: Power, Politics & Spectacle · The First World War · Genocide & Mass Violence · Language modules

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. Graduates are also prepared for MPhil and PhD study. See www.ucd.ie graduatestudies

Careers

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

Other Courses of Interest:

Global Studies	37
History	38
History & Politics	39
Languages, Linguistics & Cultures	41
Modern Languages	44

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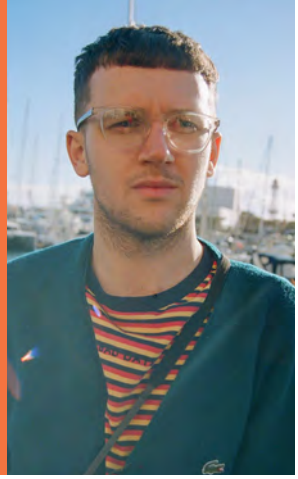
Studying Global History at UCD has empowered me to understand history beyond its local context. By studying a range of non-Western historical actors and historians, I have been able to critically engage with history in a way that challenges Eurocentric methodologies.
- Ronan Hennigan, Student



GLOBAL STUDIES

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

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?

This is the only undergraduate Global Studies degree available in Ireland. Global Studies asks how a boundless and connected world came to be divided by boundaries into disconnected nation-states in modernity. How did artificially imposed borders come to appear so natural to us? How do these borders shape our response to global challenges? And, how might we, as global citizens, imagine alternatives to this order, which we too easily take for granted?

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*, German, Italian, Japanese, Portuguese, Russian, Spanish or Swahili - and will spend at least one trimester studying abroad.

First Year

Modules include: Approaches to Global Studies 1 · Radicals & Revolutionaries · US History, 1776-1991 · Reading World Literatures · Media & Globalisation · Hispanic Cultures & Societies · Language modules

Second Year

Modules include: Approaches to Global Studies 2 · The Making of the Modern Middle East · Modern Migration · Modern American Literature · 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 a trimester, you then have 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

· Deepen your knowledge by studying a dedicated range of European 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 · Internship

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 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. Graduates are also prepared for MPhil and 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:

English, Drama & Film 33
English with Creative Writing 34

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HISTORY

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

I was fortunate enough to study in the UCD School of History throughout the course of my undergraduate and graduate degrees. As someone from a small town that lacked a world history course, studying overseas was the opportunity of a lifetime. Academically, it's like tiptoeing from a shallow puddle to a plunge into the sea. There is an extraordinary number of resources with which to challenge yourself and UCD's School of History gives you the tools to effectively analyse and critique all sources. Better yet, you are never alone in your pursuits, as the faculty and student societies are always there to lend their support!

- Samantha Haywood, Student

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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
- Philosophy
- Sociology
- Spanish

CAO CODE: DN530

BA Humanities

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

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.

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. Working from ordinary to extraordinary, local to global, fact to fiction, you'll 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 Middle Ages to the present. 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.

DN520 Joint Honours

Students who take History as a Joint Honours three-year degree can study History combined with a wide range of different subjects. 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 archives, 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.

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 · China since 1600

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: Twentieth Century Genocide & Mass Violence · The Rise, Fall & Rise of Modern Japan · Medicine, Culture & Society · Slavery & the New World · The Irish Revolution · Machiavelli, Michelangelo & the Medici · Russian Revolution · Manufacturing Truth · The Great War

Assessment

Assessment is a mix of coursework, essays, learning journals, exams and presentations. In the final year, research papers make up the core of assessment.

International Study Opportunities

Students can study at partner institutions across Europe, 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	31
History & Politics	39

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Studying History & Politics in UCD has been a fantastic opportunity. The subjects combine extremely well together, making each module truly intriguing. They also form a positive balance so that you are not just focusing on one specific topic. What I have enjoyed most about this course so far is taking part in mock elections, which developed my growing passion to pursue a career in politics in the future.

- Sophie O'Leary, Student

HISTORY & POLITICS

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

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 and political theory.

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 International Relations and a variety of political issues including political conflict, development, human rights and political economy, always with a focus on the role of government, public policy and citizens.

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.

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 human rights, alongside a core 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 Organizations, Broadcasting and Journalism, Business, Civil Service, Law, NGOs, Publishing, Public Relations, Politics, Research, Teaching, Marketing, Policymaking, Tourism, Heritage.

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Other Courses of Interest:

History 38
Politics & International Relations 70
Law with History 93

IRISH STUDIES

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

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 as a subject stream in UCD.

- Declan Nugent, Student

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**

Length of Course: **3 years (4 years BA International)**

DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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

CAO CODE: DN530

BA Humanities

CAO Points Range 2020: **326-589**

Length of Course: **4 years**

DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

Other Courses of Interest:

Celtic Civilization 46
Irish Folklore 54

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?

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 Years

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.

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.

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Studying Languages, Linguistics & Cultures at UCD has offered me a wide and diverse range of modules. From Hispanic cultures and society to Italian dialects and texts, from translation to French poetry and drama; the course has been varied and engaging. I have thoroughly enjoyed the linguistic and cultural element of the Languages, Linguistics & Cultures course, which has given me a comprehensive approach to language learning. Next year, I will study abroad in Lyon as part of the Erasmus programme, where I will continue my studies of languages and linguistics. I highly recommend this course to anyone who is interested in studying languages.

- Rebecca Duffy, Student

LANGUAGES, LINGUISTICS & CULTURES

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

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 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 chose 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.

www.myucd.ie/www.myucd.ie/languages-linguistics-cultures
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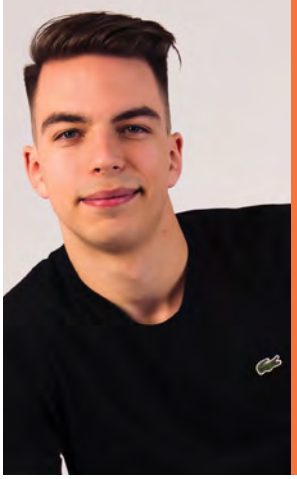
Other Courses of Interest:
Modern Languages 44

MUSIC, FILM & DRAMA

BA (Hons) (NFQ Level 8)



The Music, Film & Drama course allowed me to major in the three pillars of contemporary art. Despite having an equal workload in each subject, UCD has offered me great flexibility and diversity in choosing modules and topics that I'm passionate about. The study abroad programme also gave me the remarkable opportunity to study in the USA. The lecturers and teaching team were very cooperative and helped facilitate my personal and professional growth. Additionally, I am always surrounded by classmates who are equally passionate, many of whom will become my life-long friends.

- Elliot Meinert, Student

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

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.

Other Courses of Interest:

English, Drama & Film	33
English with Creative Writing	34
Drama Studies	48
Film Studies	50
Music	57

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 · Film Sound · Performance Electives

Second Year

Producing Music, Film & Drama · Popular Music & Culture · Staging Performance · European Cinema · 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/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 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 and Film · Revolutions in 20th Century World Theatre · Animation · The Orchestra · Beckett in Performance · Melodrama in Film and 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 Film Studies
- MA in Drama & Performance Studies

Careers

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

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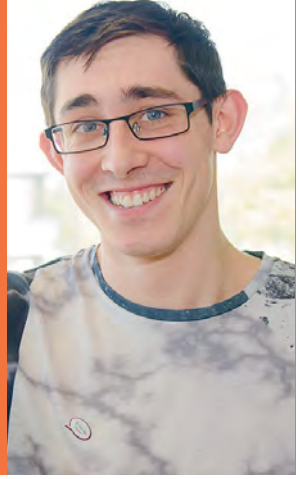
TEANGA, LITRÍOCHT & AISTRIÚCHÁN

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



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.

CAO CODE: DN530

CAO Points Range 2020: **326-589**
Length of Course: **4 years**
DN530 Places: **260**

General Entry Requirements
See pages 195 - 203

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

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.

Other Courses of Interest:

Languages, Linguistics & Cultures	41
Irish/Gaeilge	53

www.myucd.ie/irish
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MODERN LANGUAGES

BA (Hons) (NFQ Level 8)

Having enjoyed Spanish and French at secondary school, the Modern Languages course at UCD was the best option for me. I was able to develop my fluency in these languages, as well as learning Italian at beginner's level. I found the lectures to be very engaging and diverse as I studied a variety of modules encompassing both the culture and literature of my chosen languages. I spent my Erasmus year at the University of Salamanca, which was an incredible experience and one that helped me develop both academically and personally. My lecturers were always available to offer advice and encouragement throughout my time at UCD, which created a welcoming and friendly atmosphere.

- Maitiú Rafferty, Student

CAO CODE: DN541

CAO Points Range 2020: **300-613**
Length of Course: **4 years**
DN541 Places: **50**

General Entry Requirements
See pages 195 - 203

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

Special Entry Recommendations
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.

Other Courses of Interest:

European Studies	36
Languages, Linguistics & Cultures	41
Commerce International	81

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 or Spanish at an advanced level (post-Leaving Certificate or equivalent), and you can take Italian, Spanish and German as a beginner. At least one language should be studied at an advanced level. Portuguese can be taken as an elective.

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 equivalent] · Choice of modules in literature, history and cultural studies or linguistics · An optional third language.

Second Year

Two main languages · 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 from their chosen language. You will study linguistic, literary, historical and/or cultural courses at the host institution and continue your study of your chosen second language.

Fourth Year

One intercultural module · 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
- South America

Graduate Study Opportunities

When you graduate, you will be well qualified to pursue a 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.

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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My time as an undergraduate of Art History in UCD was one of the most enlightening times I can remember. Every lecture and seminar served to whet our appetite further in learning about the history of art and visual culture. There were many field trips to art galleries and museums and around the heart of Georgian Dublin. The School of Art History and Cultural Policy is a small and friendly place to study and there is plenty of support for students. If you have a love for art, architecture and visual culture, this course is for you.

- Brian Coffey, Graduate

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 mankind 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 · Roma: Caput Mundi · 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 master's 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.

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CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Studying Art History as a joint major with:
- Celtic Civilisation
- Drama Studies
- English
- Film Studies
- French
- Geography
- German
- Greek
- History
- Irish Studies
- Irish/Gaeilge
- Italian
- Latin
- Mathematics
- Music
- Philosophy
- Spanish
- Statistics

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Entry Routes
Same as above

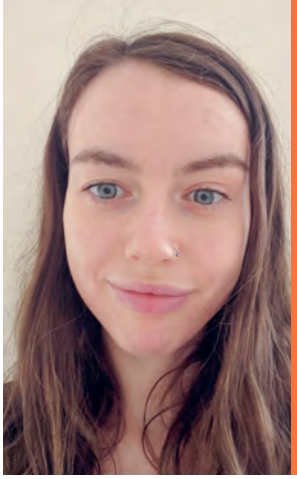
Studying Art History as a minor with:
- Archaeology
- Sociology

Other Courses of Interest:

Classics, Art History & Archaeology 30
Modern Languages 44

CELTIC CIVILISATION

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



Studying Celtic Civilisation has enriched my life and I would recommend it to anyone interested in the fascinating history of early Ireland. It is an ideal stepping stone for those who want to progress to postgraduate study. The lecturers have been fantastic and the library resources are exhaustive.

- Jessika Brandon, Graduate

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**

Length of Course: **3 years (4 years BA International)**

DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**

Length of Course: **4 Years**

DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Other Courses of Interest:

Irish Studies 40

Why is this course for me?

Celtic Civilisation enables students to form an overview of the history, literature, language and culture of the Celts over the centuries. Prior knowledge of Celtic languages is not required. Students can, however, choose to get an introduction to Early Irish, Medieval Welsh, Modern Welsh and Breton.

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 · Introduction to Welsh

Second and Final Year

Students will deepen their understanding of Celtic Civilisation. Modules include: Poets, Power & Performance · Fortunes of the Celtic Languages · Literacy & Language in Early Ireland · The Study of Folklore: Origins & Development · Social Life & Legend · Celticity: Who are the Celts? · Kings & Heroes of Early Ireland · Folk Religion & Belief · Myth & Tradition · Music & Words: Identity in the Irish Context · Calendar Custom

Welsh

Welsh is the most widely spoken of the modern Celtic languages, and ideal for students wanting to learn a new language at university level. Students gain a working knowledge of the language and can combine this with Celtic Civilisation courses on culture and literature.

Early Irish

You will have the opportunity to study Early Irish at a basic level in order to become familiar with the main features of the language. You will also read examples of texts, prose and poetry, gaining an insight into the riches of the language and literature of early medieval Ireland. No previous knowledge of Irish is required.

International Study Opportunities

Celtic Civilisation has links with several universities, which enables students to take an Erasmus year abroad in a range of European universities and destinations, including:

- Oslo, Norway
- Aberystwyth, Wales
- Bangor, Wales
- Brest, France

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

www.myucd.ie/celtic-civilization
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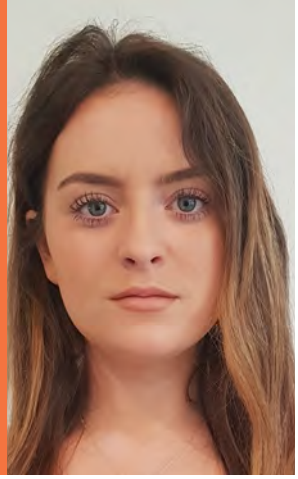
Studying Classics at UCD has enabled me to discover some of the most interesting people, places and periods of the ancient Greek and Roman pasts. It has offered me many opportunities to discover the ancient world firsthand; through a module in which I spent two weeks touring Greece's ancient sites, a year in France studying Roman Gaul through the Erasmus programme and the on-campus museum. Having no prior education in Classics was of no issue as the enthusiastic lecturers and tutors equipped me with the means to develop new research and analytical skills.

- Gillian O'Sullivan, 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 the Great's Empire • Greek Tragedy • Heracles, the Hero • Greeks, Romans & Barbarians • The Athenian Empire • Classics in Popular Culture • The Oedipus Myth • Pompeii • 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 opportunities 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.

www.myucd.ie/classics-greek
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CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Studying Greek 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 Range2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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 30
Classics, English & History 31

DRAMA STUDIES

BA (Hons) (NFQ Level 8)

CAO CODE: DN520

CAO Points Range 2020: **310-625**

Length of Course: **3 years (4 years BA International)**

DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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
- Spanish
- Statistics

Other Courses of Interest:

English, Drama & Film	33
English Literature	35
Music, Film & Drama	42

Drama Studies at UCD challenged me to grow as an individual. The opportunity to live and study abroad in Dublin enhanced my experience through theatre visits, guest lecturers, interesting modules and a research project that gave me the chance to develop my own ideas. This course expanded my knowledge and I got to know many people from different backgrounds and lecturers who strongly encouraged me. Thanks to the skills I acquired in UCD, I have been able to secure roles in short films, assist in castings and interact with other industry professionals. I am currently doing a two-year diploma in Acting for Screen in Madrid, which is helping me to broaden my skill set and move closer to my ultimate goal to become a great actress.

- Esperanca Soler Planas, Graduate

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 theoretical and practical skills for research and analysis in Drama Studies. 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 a Research Project, which invites students to write on a research topic of their choice with individual staff supervision. Drama Studies modules include:

First Year

The Theatrical Event: Case Studies in Making Theatre · Early Irish Theatre Movement · Theatre Context & Conventions · Introduction to Physical Theatre

Second Year

Theatre & the Speech Act · Playwriting · Contemporary Ireland on Stage · Introduction to Acting · 20th Century Avant Garde Drama · Staging Performance

Third Year

Contemporary Theatre & Performance · Beckett in Performance · Theatre of Martin McDonagh · Research Project · Performance Project · Performance in Everyday Life · Queer Theatre & Performance · Talking to the Audience

International Study Opportunities

- 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
- 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 (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.

www.myucd.ie/drama
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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, Student

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 · Writing the Body · Comics & Fantasy · Introduction to Canadian Studies

Second Year

Critical Theory · Reading Medieval Literature · Irish Literature in English · Modern American Literature · Renaissance Literature · Romanticism · Victorian to Modern Literature · Twentieth-Century 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; Université Sorbonne (Paris IV), 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 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Studying English as a joint major with:

- Archaeology
- Art History
- Celtic Civilisation
- Drama Studies
- Film Studies
- French
- Geography
- German
- Greek
- Greek & Roman Civilisation
- Information & Communication Studies
- Irish Folklore
- Irish Studies
- Irish/Gaeilge
- Italian
- Latin
- Linguistics
- Mathematics
- Music
- Philosophy
- Spanish

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Other Courses of Interest:

English, Drama & Film	33
English Literature	35
Music, Film & Drama	42

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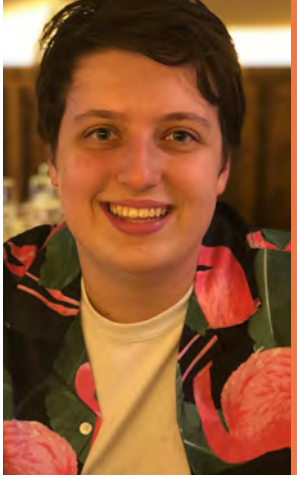
FILM STUDIES

BA (Hons) (NFQ Level 8)



Film Studies in UCD is something I always wanted to study. Although I love discussing television, I was unaware how many other areas of study this would introduce to me along the way. I have crossed paths with truly fascinating elements of film, television and digital media under the guidance of passionate lecturers and peers. Each trimester has presented me with a fresh area of interest. I am no longer just a television show fan because I am now a television, film and digital media enthusiast.

- Elliott Salmon, Student

CAO CODE: DN520

CAO Points Range 2020: **310-625**

Length of Course: **3 years (4 years BA International)**

DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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
- 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) · Global Media · Cinema History · Entertainment Industry Studies

Second Year

Horror or Action/Adventure · Documentary & Social Change · TV History · Irish Film & TV · Global Bollywood · The French New Wave

Third Year

Film Animation · Contemporary Alternative and Independent Cinemas · Feminist Media Studies · Cinema & the City · Digital Media Cultures · Wellness & Happiness Media · Global Science Fiction · The Irish Gothic · Medieval Celluloid

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
- Université Sorbonne (Paris IV), 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 master's courses offered in the School of English, Drama & Film, including: Creative Writing, Literature & Culture (with strands in American; Gender, Sexuality & Culture; Medieval; Modern & Contemporary; Renaissance); 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:

English, Drama & Film	33
English with Creative Writing	34
English Literature	35
Music, Film & Drama	42
Drama Studies	48

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UCD French offers a variety of interesting and diverse content modules in which you can study film, novels, history, poetry and philosophy. Each year, the French Department welcomes lecturers from France to facilitate oral classes and, along with the French Society, they are an excellent resource for improving your oral French. The lecturers are incredibly helpful and friendly, and are always willing to answer your questions and help you in whatever way that they can.

- Martha Kennedy-Ralph, Student

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 DN541 Modern Languages.

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 Years

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 DN520 BA Joint Honours 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 or other programmes such as European Studies, International Relations or Translation.

Careers

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

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

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

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195-203

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

Entry Routes Same as above

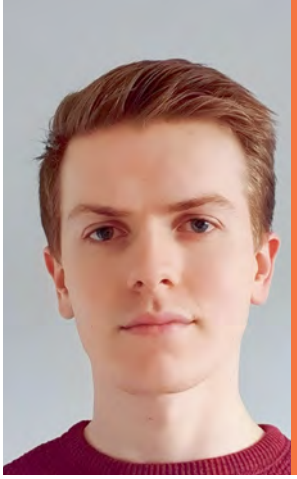
Studying French as a minor with:
· Politics & International Relations

Other Courses of Interest:

Languages Linguistics & Culture	41
Modern Languages	44
Law with French Law	89

GERMAN

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



German has proved to be of great value to me, both professionally and personally. Working in Lidl Ireland, I deal with the language on a daily basis, and couldn't imagine performing my current role without the variety of skills I acquired during my time in UCD. What will remain with me most of all, however, is the passion for study and for languages imparted to me by the faculty members. The lecturers are approachable and knowledgeable and made my time at UCD a rewarding and fulfilling experience.

- Seán O'Keeffe, Graduate

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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 German 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
- Statistics

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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 Years

German Language (including Intensive German for Ex-Beginners) · Transcultural Encounters I & II · Modernist German Literature · Translation English-German & German-English · Grimms' Tales & Adaptations · 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: Bayreuth, 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	36
Global Studies	37
Languages, Linguistics & Cultures	41
Modern Languages	44

www.myucd.ie/german
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My lecturers in UCD have always encouraged me to balance academic work with extra-curricular activities. In first year, I joined the Cumann Gaelach and later became Oifigeach Drámaíochta. My time as a student here has been a fantastic experience that would not have been possible without the support of my lecturers.

- Conall Mac Dhonnagáin, 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

Tá atmaisféar foghlama bríomhar, scolártha ar fáil sna léachtaí agus sna ranganna teagaisc agus tú ag déanamh staidéir ar an nGaeilge, rud a chuirfidh go mór leis an spéis agus leis an taithí atá agat san ábhar. Tabharfaidh na modúil atá ar fáil sa Nua- Ghaeilge léargas duit ar réimsí léinn nuaaimseartha agus stairiúla, idir theanga agus litríocht – Fionn agus na Fianna anuas go dtí TG4 agus go leor eile.

Cad atá i gceist?

I measc na gcúrsaí a chuirtear ar fáil tá:

- Teanga na Gaeilge
- Nualitríocht
- Iriseoireacht na Gaeilge
- Athbheochan na Gaeilge
- Gaeilge na hAlban
- An Litríocht roimh 1845
- Scannánaíocht

Spreagtar rannpháirtíocht sna ranganna beaga teagaisc agus cuirtear deiseanna cumarsáide ar fáil sna ranganna comhrá. Beidh an deis agat, mar sin, feabhas a chur ar do chuid scileanna teanga agus aithne níos fearr a chur ar mhic léinn eile le linn na céime, go háirithe agus tú ag freastal ar an gcúrsa Gaeltachta. Beidh éagsúlacht bhreá measúnaithe i gceist, freisin, idir scrúduithe foirmeálta agus mheasúnú Leanúnach.

Deiseanna Gairme agus Staidéir Iarchéime

- Láithreoir teilifíse, múinteoir ranga, aistritheoir, taighdeoir, cóipeagarthóir, riarthóir, ateangaire, léachtóir nó iriseoir. Tá mórán deiseanna spreagúla ann I gcomhair céimithe le Gaeilge in Éirinn agus thar lear.
- Tá cáil ar an Nua-Ghaeilge i UCD as feabhas i dtaighde agus i dteagasc fochéime agus iarchéime a chothú agus a chur chun cinn. Tá cúrsaí nuálacha rathúla múinte ar fáil do mhic léinn: MA/ Dioplóma Iarchéime sa Nua-Ghaeilge agus MA/Dioplóma Iarchéime i Scríobh agus Cumarsáid na Gaeilge, mar aon le cáilíochtaí taighde MLitt agus PhD.

Deiseanna Staidéir Idirnáisiúnta

Tá deiseanna ar fáil do mhic léinn Ghaeilge staidéar a dhéanamh in ollscoileanna 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

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

Teanga, Litríocht & Aistriúchán / Irish Language, Literature & Translation 43

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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
- Celtic Civilisation
- Drama Studies
- English
- French
- Geography
- German
- Greek
- Greek & Roman Civilisation
- History
- Irish Folklore
- Irish Studies
- Latin
- Linguistics
- Mathematics
- Music
- Spanish
- Statistics

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics and three other recognised subjects

- **Entry Routes** Same as above

Studying Irish as a minor with:

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

IRISH FOLKLORE

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

Studying Irish Folklore, I am able to explore a broad range of topics, from folktales and calendar customs, to oral history and folk medicine. Moreover, this course offered me a brand-new perspective. I realised that many things we see or experience every day but hardly pay attention to, such as lucky charms, internet memes and children's games, are in fact worth recording and analysing, as they can give us a unique insight into our society and mind-set.

- Lily He Zhou, Student

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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 38

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 Years

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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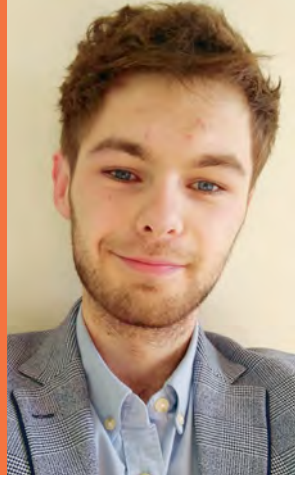
Instagram/Facebook/Twitter: @MyUCD

I loved studying Italian at UCD, largely due to the small class sizes and a close lecturer-student relationship. Combining the language with historical and literature modules in Italian helped to shape my understanding of not just the language but also the culture of Italy. I also had a wonderful opportunity to go on Erasmus to Urbino, which was vital for my spoken Italian. Having another European language brings many more opportunities, I would certainly recommend studying Italian here at UCD.

- Rob McMahon, Graduate



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 Dante 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 Years

You will deepen your understanding of Italian with in-depth modules, including: · Italian Language 2A · Italian Language 2B · Italian Short Stories · Reading Italian Literature · Dante, Petrarch & Boccaccio · Italian Language 3A · Italian Language 3B · Politics & Morals in Renaissance Italy · Interwar Culture & Poetry · 20th Century Italian Women Writers · 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 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 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Studying Italian 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
- Mathematics
- Music
- Spanish

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Other Courses of Interest:

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LINGUISTICS

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

Linguistics has offered me so much in expanding my understanding of language and how it is acquired and used. Through Linguistics, I have developed my critical thinking and my research skills, helping me excel in college. This has also been a useful tool in my life. Initially, I chose Linguistics as my third subject but it quickly became my favourite. This was thanks to the exciting course content as well as the incredibly talented lecturers and staff, making for a truly enjoyable experience.

- Jason Andres, Graduate

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Other Courses of Interest:

Languages Linguistics & Culture 41
Modern Languages 44

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. Linguistics asks and answers such questions as:

- How are languages structured?
- How is language acquired?
- Why do we not all speak the same way?

By studying linguistics, you will find the answers to these and other questions. Some of the answers may surprise you, and some will prompt you to explore more profound and interesting questions.

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 Years

Modules provide a more in-depth analysis of the areas already introduced, as well as looking at other areas, such as: Language Variation & Change · Language Disorders · Endangered Languages · English as a World Language · Intercultural Communication · The Corpus-based Study of Language · Syntax 2 · Phonology · Meaning in Language · Minority & Endangered Languages · English as a World Language · Translation · Sociolinguistics 2

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:

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

Graduate Study

Some of these careers may involve graduate study beyond linguistics, but students can also pursue MA and PhD studies in one of the many areas of linguistics, as well as 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

www.myucd.ie/linguistics
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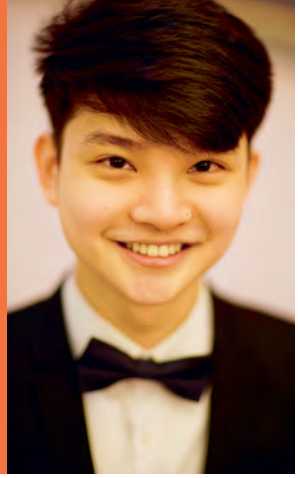
Studying music at UCD has shaped me into a well-rounded musician. The Music faculty has broadened my horizons, by bringing me in touch with different cultures and genres of music across various eras. The support I received from the academic and administrative staff was brilliant. The third-year final recital allowed me to break my boundaries as a musician by being able to perform both the piano and flute. As a trumpeter in the UCD Symphony Orchestra, I have performed in many major venues. When I completed my BMus, I embarked on postgraduate study.

- Ee Ann Ho, Graduate



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 · Performance Ensembles

Second & Final Years

Music History · Formal Analysis · Musics of the World · Irish Music · Popular Music · Music, Sound & the Moving Image · Blues & Jazz · Music & Religion · The Piano Concerto · The Symphony in Europe · Opera · Philosophy of Music · Baroque Counterpoint · Conducting · Orchestration · Composition · 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 five professionally-directed ensembles in UCD that students can take part in for credit: Ad Astra Chamber Orchestra, UCD Choral Scholars, UCD Gamelan Orchestra, UCD Philharmonic Choir, and UCD Symphony Orchestra. Auditions for our performing ensembles 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/.

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CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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
- Celtic Civilisation
- Drama Studies
- English
- Film Studies
- French
- Geography
- German
- Greek & Roman Civilisation
- Irish Folklore
- Irish Studies
- Irish/Gaeilge
- Italian
- Latin
- Linguistics
- Mathematics
- Philosophy
- Spanish

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Other Courses of Interest:
Music, Film & Drama 42

SPANISH

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

Studying Spanish in UCD provided me with the opportunity to develop my passion for the language, as well as exposing me to a range of fascinating areas of study including Spanish and Latin American literature and culture. In the third year of my studies, I was able to spend a year in Valencia in Spain, which was a truly rewarding experience allowing me to immerse myself in Spanish culture. Through a dynamic range of modules, my experience abroad, and the support and encouragement of staff, my interests at undergraduate level has led me to undertaking an MLitt in Spanish.

- Katherine Gosling, Graduate

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 years (4 years BA International)**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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
- Celtic Civilisation
- Drama Studies
- English
- Film Studies
- French
- Greek
- Greek & Roman Civilisation
- History
- Irish Folklore
- Irish/Gaeilge
- Italian
- Linguistics
- Music
- Statistics

CAO CODE: DN700

BA Joint Honours

CAO Points Range 2020: **418-625**
Length of Course: **4 years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

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 Years

Modules include: Spanish Language 2A · Spanish Language 2B · Latin American Literature & Culture · Modern Novel · Film · Poetry · Fine Arts · Theatre · Commercial Spanish · Advanced Oral Language · Erasmus Opportunities · 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
- Zaragoza, 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 Master's 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 41
Modern Languages 44

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SOCIAL SCIENCES

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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.

With UCD Social Sciences, you will have the opportunity to study abroad in leading universities in the UK, US, Europe and Asia. In addition, BSc Social Sciences students will gain relevant real-world professional experience with an optional internship in a government agency, a non-profit organisation or a business for a trimester in year three.

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.

International Study Opportunities

Study abroad is available as an option in our three-year programmes. This will extend your degree by a year and you will graduate with a BSc or BSocSc International degree. In our four-year programme, study abroad opportunities are integrated into the third-year curriculum. All social sciences students can take language modules as electives in addition to their degree subjects. Students who take social sciences subjects with a language minor will spend their third year abroad in a partner university.

There are four distinct ways of studying Social Sciences at UCD:

- BSc Economics (Three Years)
- BSc Psychology (Three Years)
- BSocSc Social Policy & Sociology (Three Years)
- BSc Social Sciences (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 66 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 76 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. When you apply for this degree via the CAO, you choose DN750 BSocSc Social Policy & Sociology. See page 75 for more details.

Find out more:
UCD Social Sciences Virtual Tour

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.

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
Geology	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
Geology	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 Philosphy

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)

What I like about Computational Social Science is that I am able to study different areas that differ from one another but also blend well together. From statistical modules overlapping with my Sociology modules, I believe this course offers a great balance of computer science, maths, statistics and social sciences. With the amount of big social data surrounding us, taking a computational approach to understand and interpret social data is definitely going to revolutionise how we study social phenomena. The research and analytical skills will offer me unique and interesting opportunities in the near future to assess and organise the new digital space we live in.

- Alyssa Alcantara, Student

CAO CODE: DN700

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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 also have at least a Grade H4 in Leaving Certificate mathematics, or equivalent.

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

Why is this course for me?

Do you want to work for companies like Google or Facebook or a Public-Sector organisation that deals with big data about individuals, social networks or social groups? Then the BSc Computational Social Science is for you.

What will I study?

Our social world is dramatically changing. We are all connected and leave digital footprints behind. Computational Social Science is about leveraging the power of big data, computer simulations and social networks to understand social phenomena and individual behaviour. The new BSc degree in Computational Social Science is at the forefront of this development in Europe. It provides a unique combination of training in computational and social science subjects. You will study two subjects out of Sociology, Politics, Geography or Economics, but you also learn how to understand human social behaviour through data analysis, social simulation and mathematical modelling, providing crucial skills for a 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 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.

Career & Graduate Study Opportunities

This degree is designed to prepare students for employment in companies such as Google or Facebook, but also for work in traditional sectors where the analysis of social data is becoming more and more important. It combines Sociology, Politics, Economics and Geography with a strong computational training. Over the next few years, there will be an increasing demand for graduates who can combine social sciences training with analytical and programming skills. It also leads to a range of graduate study opportunities in social sciences, social data analytics, statistics or computer science.

International Study Opportunities

During the third year, trimester-long study opportunities will be offered in a number of international partner universities.

Other Courses of Interest:

Economics, Mathematics & Statistics	63
Computer Science	136
Computer Science with Data Science	137

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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 2020: **418-625**

Length of Course: **4 Years**

DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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 also have at least a Grade H4 in Leaving Certificate Mathematics, or equivalent.

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

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.

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 Master's and PhD degrees. Both the School of Economics and the School of Mathematics and Statistics offer Master's programmes aimed at further developing analytical and professional skills. Postgraduate qualifications are necessary to work as a professional economist.

International Study Opportunities

Students may apply to study abroad at international partner universities in third year.

www.ucd.ie/myucd/socsc

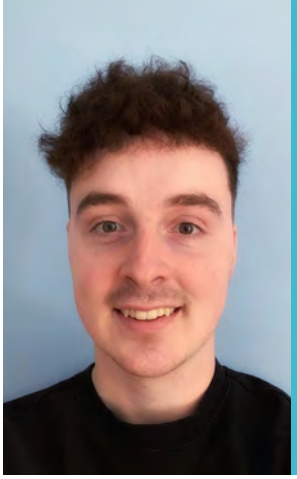
Assistant Professor Kevin Hutchinson
UCD School of Mathematics and Statistics
kevin.hutchinson@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Other Courses of Interest:

Economics 66

PHILOSOPHY, POLITICS & ECONOMICS

BSc (Hons) (NFQ Level 8)



I chose to study Politics, Philosophy and Economics (PPE) as it provided me with a broad knowledge of different subjects that were applicable to many occupations after College. To date the modules have been extremely interesting within the course and the lecturers are extremely learned and helpful in giving any advice that you may need. The opportunity to study abroad in third year and the fact that a PPE degree has worldwide recognition have been the main attractions for me. Overall, the transferable skills learnt throughout PPE are ones which are important in whatever line of work comes after college.
- Harry Curley, Student

CAO CODE: DN700

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

If you obtain less than 03/H7 in Leaving Certificate mathematics you must pass a "Level 0" UCD Mathematics module during Trimester 1 of your first year before taking the core module "Introduction to Quantitative Economics" in Trimester 2.

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

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. There will be an option to write a final-year research project.

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 Master's degree in Philosophy, Politics or Economics or progress to various interdisciplinary Master's degrees in related subjects.

International Study Opportunities

A number of trimester-long study opportunities will be offered with PPE universities in the Netherlands, Germany and Switzerland.

Other Courses of Interest:
Law 88

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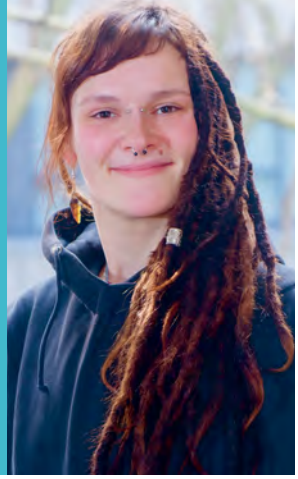
Since childhood, my dream was to become an archaeologist. I made the decision to study archaeology in UCD and it was the best decision I have ever made. There are many field trips to enjoy and many other great opportunities. Staff from the school of Archaeology are very supportive and have always been a great help to me. I highly value the practical skills like teamwork, report writing and analytical skills that I am developing throughout my degree. I hope to continue my studies in UCD in the future as it is a happy environment for me.

- Michala Nagyova, 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.

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 MA in Archaeology, MSc in Experimental Archaeology, the MSc in World Heritage Management and the MLitt/PhD in Archaeology.

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.

www.ucd.ie/myucd/socsc
Neil Carlin
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CAO Code DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Studying Archaeology as a joint major with:
· Economics
· Geography
· Mathematics
· Philosophy
· Politics & International Relations
· Information & Communication Studies
· Sociology
· Social Justice
· Statistics

Studying Archaeology with a minor:
· Art History
· Celtic Civilisation
· Chinese
· Greek & Roman Civilisation
· Geology
· Irish Folklore
· Irish/Gaeilge

CAO Code DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 Years**
DN520 Places: **420**

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

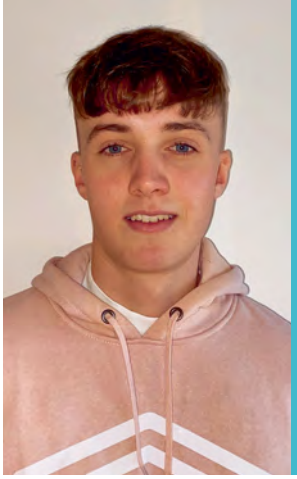
Other Entry Routes Same as above

Studying Archaeology as a joint major with:
· History
· English

Other Courses of Interest:
Classics Art History & Archaeology 30

ECONOMICS

BSc (Hons) (NFQ Level 8) - DN710
BSc (Hons) (NFQ Level 8) - DN700



Having enjoyed Economics in secondary school I recognised the Single Honours Degree as a perfect opportunity to further my interests. From the outset at UCD, I was immersed in a learning environment that was both innovative and highly beneficial to my academic work. The extensive help you receive from lecturers, tutors and Maths and Economics support centres allows you to be comfortable in your work and always find ways to enhance your education. The variety of modules within this Economics course ensures you can explore the subject to a fascinating degree, with the Financial Economics and Money & Banking modules having been two of my favourites.

- Frank Heffernan, Student

CAO CODE: DN710

BSc Economics

CAO Points Range 2020: **498-554**
Length of Course: **3 Years**
DN710 Places: **45**

General Entry Requirements
See pages 195 - 203

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

Mature Entry Route
See www.ucd.ie/maturestudents

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, Mathematics and three other recognised subjects.
- If you obtain less than O3\H7 in Leaving Certificate mathematics you must pass a "Level 0" UCD mathematics module before taking Introduction to Quantitative Economics.

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

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 be studying 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 two optional modules from Sociology, Geography, Politics, Mathematics or Statistics, plus one elective modules.

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 select from optional modules designed to build on core skills, including: Optimisation for Economics, Introduction to Financial Economics and an Economic Research Workshop, 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/or 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.

Career & Graduate Study Opportunities

Economics graduates are in high demand – our graduates work in Bank of Ireland, PriceWaterhouseCoopers, KPMG, Paddy Power and Deloitte. Economics graduates can expect to have direct access to Economics, Business and Finance Master's.

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.

Other Courses of Interest:

Economics & Finance	82
Law with Economics	92

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UCD School of Economics
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Studying Geography at UCD has been such an incredible experience so far! All of my lecturers are prominent publishing researchers in their respective fields and the modules are designed to help grow your interdisciplinary knowledge of people, space and place. But my favourite is the interactive hands on learning. I've had several opportunities to work in the field alongside my lecturers both in Ireland and abroad which has given me an invaluable opportunity to grow my professional network.

- Raelene Wnuk, 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 · 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/Population Geography · Multi-media Methods for Social Sciences · Overseas Field Trip · Development of Dublin · Environment & Sustainability · Development Geographies · The Quaternary of Ireland · Global Risks & Resilience · River Catchment Management · Research Skills · +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: Critical Ideas in Geography · Planetary Geomorphology · The Urban Environment · Historical Geography of Ireland · Environmental Assessment · US Foreign Policy · Projects in GIS · Political Geography of EU Integration · Dissertation

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.

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 Master's degrees in social or environmental sciences, law, or business.

International Study Opportunities

International opportunities have included exchanges to: Cologne, Germany; Grenoble, France; Barcelona, Spain; Stockholm, Sweden; Pisa, Italy; Melbourne, Australia; USA.

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Other Courses of Interest:

Social Policy & Sociology	74
Sustainability with Environmental Science & Engineering	100
Sustainability with Social Sciences, Policy & Law	101
Architecture	192

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Studying Geography as a joint major with:
- Archaeology
- Economics
- Mathematics
- Philosophy
- Politics & International Relations
- Information & Communication Studies
- Social Justice
- Sociology
- Statistics

OR

Studying Geography with a minor:
- English
- Geology
- Greek & Roman Civilisation
- History
- Irish/Gaeilge
- Linguistics

OR

Studying Geography within a pathway:
- Computational Social Science

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 Years**
DN520 Places: **420**

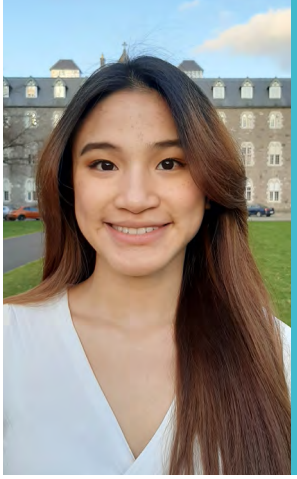
Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, a third language and three other recognised subjects.

Entry Routes Same as above

Studying Geography as a joint major with:
- Art History
- English
- History
- Irish
- Music

INFORMATION & COMMUNICATION STUDIES

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



Studying Information & Communication Studies in UCD has allowed me to understand how digital information is incorporated into our technology and in our digital life in today's society. I like the variety of modules offered in this course. If you want to explore information and social media, look into the introduction of Artificial Intelligence, or understand web design and its development, this course is for you. So far in this course I have taken a keen interest in information design and web publishing. These modules have helped me to expand my skills and digital knowledge by using the Internet and social media platforms.

- Christina Adeline Carlota, Student

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Studying Information & Communication Studies as a joint major with:
· Archaeology
· Economics
· Geography
· Mathematics
· Politics & International Relations
· Philosophy
· Social Justice
· Sociology
· Statistics

OR

Studying Information & Communication with a minor:
· Irish/Gaeilge
· Music

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 Years**
DN520 Places: **420**

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	62
Science	103

Why is this course for me?

Information plays a key role in all aspects of life – in business, government, society and the life of the individual. Knowing how to create, manage, share, find and use digital information is more relevant than ever before. Information & Communication Studies give you a chance to explore the ways companies such as Facebook, Twitter, Intel, Google and Apple integrate people, information and technology to succeed in today's digital world.

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

Core Competencies for Digital Citizenship · Social Media & Participation in an Online World · Information Modelling · Computer-Mediated Communication · Social Studies of ICTs · Information & Collaboration in Organisations · + 1 other subject · Elective modules

Third & Fourth Year

The Digital Self · Digital Media Ethics · Digital Storytelling · Web Publishing · Information Architecture: Designing the Web · Web UX Evaluation · Gender, Race and Media · Digital Research Skills for Social Sciences · Data Visualisation· Artificial intelligence · Research & Discovery module (4th Year only)· Elective modules

The third year provides the opportunity for students to apply to Study Abroad or undertake an Internship.

Assessment

Students attend lectures and tutorials and undertake independent study and project work. Assessment is through continuous assessment, including a wide variety of digital projects.

Career & Graduate Study Opportunities

Information and Communication Studies is relevant for careers in web design and development; social media; social computing; user experience design; investigative research; publishing; digital marketing, and business. Graduates can progress to various Master's courses:

- MSc Information Systems and MSc Human-Computer Interaction, which prepares students for public and private sectors careers in digital media industries, communication regulation and policy, media design, management and research.
- MSc Information Systems, which prepares 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 for careers including librarianship, information consulting and digital media management.
- MSc Digital Information Management, which prepares students for careers in digital curation and data management.
- MSc Digital Policy is designed to prepare graduates for careers in evaluating, implementing and studying core topical, theoretical and methodological issues that arise in digital policy today.

Graduates can also pursue research careers in the form of an MA and PhD.

International Study Opportunities

Students may study abroad for a year or a trimester. Destinations include the USA, Australia, China and Canada.

www.ucd.ie/myucd/socsc
UCD School of Information and Communication Studies
fiona.smyth@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I chose to study philosophy as I have always enjoyed the act of questioning the world around us and coming up with new ideas to combat the issues we face. What I love about studying philosophy in UCD is the huge range of modules you can take, from ethics to politics and existentialism to epistemology. Two modules I particularly enjoyed were Intro to Modern Philosophy and Knowledge & Scepticism. The lecturers and tutors across the school are very helpful and approachable and will help guide you through your studies. Through the foundations of this degree, I hope to continue studying in the field of political philosophy.

- Sarah Huang, 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.

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 Master's 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.

International Study Opportunities

Destinations include: France, Germany, Belgium, US and Italy. Students studying Philosophy with Chinese will study abroad for their third year.

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Studying Philosophy as a joint major with:
- Archaeology
- Economics
- Geography
- Mathematics
- Information & Communication Studies
- Politics & International Relations
- Social Justice
- Sociology
- Statistics

OR

Studying Philosophy with a minor:
- Chinese
- Greek
- Irish/Gaeilge
- Linguistics

OR

Studying Philosophy within a pathway:
- Philosophy, Politics & Economics

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 Years**
DN520 Places: **420**

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
- English
- History
- Music

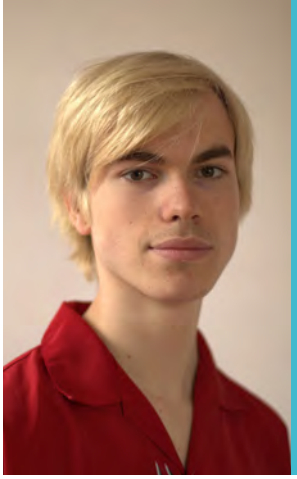
Other Courses of Interest:

Law with Philosophy 95

www.ucd.ie/myucd/socsc
UCD School of Philosophy
philosophy@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

POLITICS & INTERNATIONAL RELATIONS

BSc (Hons) (NFQ Level 8) - DN700
BA (Hons) (NFQ Level 8) - DN530



I chose to study Politics & International Relations at UCD because of the opportunities this course offers. Next year, I plan to study abroad in Beijing as part of the degree. My favourite modules to date have been studying "Contemporary Politics" in first year and "EU Politics" in second year. These modules are very up-to-date with everything going on in the world and equip students with the knowledge they need to succeed in future careers. After graduating from UCD, I'm planning to do a Master's degree and apply to work in European Union institutions.

- Axel Fjellman, Student

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Studying Politics & International Relations as a joint major with:
- Archaeology
- Economics
- Geography
- Mathematics
- Information & Communication Studies
- Philosophy
- Social Justice
- Sociology
- Statistics

OR

Studying Politics & International Relations with a minor:
- Linguistics
- Chinese
- French
- German
- Irish/Gaeilge
- Italian
- Spanish

OR

Studying Politics & International Relations within a pathway:
- Philosophy, Politics & Economics
- Computational Social Science

CAO CODE: DN530

BA Humanities

CAO Points Range 2020: **326-589**
Length of Course: **4 Years**
DN530 Places: **260**

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 & International Relations as a joint major with:
- History

Other Courses of Interest:
Law with Politics 96

Why is this course for me?

Do you want to understand how governments, parliaments, parties and elections work? Are you concerned about conflicts, human rights, environment, global poverty, war and political violence? Do you want to learn how to formulate a coherent and persuasive argument? With a degree in Politics & International Relations, you will develop the ability 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 Political Theory & International Relations · Foundations of Contemporary Politics · Foundations in Political Research · Foundations in Global Development · 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 · Elective modules

Third Year & Fourth Year

International Political Economy · International Justice · EU in the World · Middle East Politics · New Democracy · Data Analytics for the Social Sciences · Media & Politics · Introduction to Asian Politics · Justice in Education · 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.

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.

International Study Opportunities

Study abroad opportunities include:

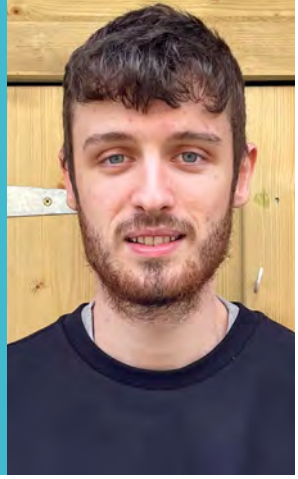
Sciences Po, France; University of Bergen, Norway; Université Libre de Bruxelles, Belgium; University of Lund, Sweden; Universität zu Köln, Germany; Utrecht University, the Netherlands; Università degli Studi di Milano, Italy; George Washington University, the United States; University of Tokyo; University of Hong Kong.

Students studying Politics with Chinese, French, German, Italian or Spanish will study abroad for their third year.

www.ucd.ie/spire
UCD School of Politics and International Relations
Undergraduate Office
spire@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

I have always had a keen interest in human rights movements and activism, so I decided to study Social Justice. Through an array of modules such as "Exploring Gender" and "Global Justice", I have gained a deeper insight into key social justice issues. Examples of these include gender-based inequality, global poverty and injustices within an Irish context. The lecturers and tutors within the School of Social Justice have presented me with new ways of thinking and are always willing to help with any queries and questions that I may have. In the future, I look forward to continuing in the field of Social Justice.

- Kevin Keogh, Student



SOCIAL JUSTICE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN700

CAO Points Range2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

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 poverty and inequality; gender and sexuality; human rights; inequality in Irish society; childhood; racism; social justice movements; political economy; and discrimination. Over the course of 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, 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 your research skills by engaging in a research-based module. Students will also have an opportunity to build on their knowledge by choosing from a range of modules addressing issues such as discrimination, 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.

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

International Study Opportunities

Study abroad for a trimester or a year in third year. Destinations include the US, Australia, China, Canada.

www.ucd.ie/myucd/socsc

UCD School of Social Policy, Social Work and Social Justice
sp-sw-sj@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Other Courses of Interest:

Social Policy & Sociology 74
Law with Social Justice 97

SOCIOLOGY

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

I have always had a keen interest in people and learning about how society shapes our perspectives and influences our behaviour. That's why I really enjoy studying sociology in UCD; I gain an understanding into my keen interest. Within lectures, my mind has been broadened by modules on gender and societal patterns. My lecturers make themselves available and are so encouraging: creating an open atmosphere in classes that allows for a great learning environment. The research skills and other transferable skills I have gained within my course are essential for my future career opportunities.

- Chloe Mazhandu, Student

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

General Entry Requirements
See pages 195 - 203

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

Studying Sociology as a joint major with:
- Archaeology
- Economics
- Geography
- Mathematics
- Information & Communication Studies
- Politics & International Relations
- Philosophy
- Social Justice
- Statistics

OR

Studying Sociology with a minor:
- Art History
- English
- German
- Irish/Gaeilge
- Italian
- Linguistics

OR

Studying Sociology within a pathway:
- Computational Social Science

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 Years**
DN520 Places: **420**

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

Other Courses of Interest:

Computational Social Sciences	62
Social Policy & Sociology	74
Science	103

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, Animals and Human Society and more.

Third Year

The third year provides the opportunity for an Internship or Study Abroad. We also offer a range of experiential learning modules including Broadcasting Sociology or Volunteering & Community Experiences. There are also range of substantive modules in areas such as Migration, 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, Sociology of Nations 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.

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, MSc in Demographic and Population Analytics and an MA in Race, Migration and Decolonial Studies.

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.

www.ucd.ie/myucd/socsc
UCD School of Sociology
ucd.ie/sociology/contact
Instagram/Facebook/Twitter: @MyUCD

I remember reading about Social Policy when applying to UCD and knowing straight away that this was the course for me. As a BSocSc student, I had the opportunity to participate in the Erasmus programme and studied at Vrije Universiteit Amsterdam for a year. After the year, I had many achievements I didn't think possible. In addition to making friends that span the globe, I had an article published in the Irish Times, I recorded an award-winning podcast and I developed my research topic for the final year Social Policy capstone essay that was awarded as a Highly Commended entrant at the 2019 Global Undergraduate Awards.

- Aoife Doran, Graduate

SOCIAL POLICY

BSocSc (Hons) (NFQ Level 8)

Why is this course for me?

If you are interested in understanding and researching social problems such as poverty, 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.

Career & Graduate Study Opportunities

Social policy analysis 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 MSocSc in 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 Master's study or career guidance.

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.

CAO CODE: DN750

CAO Points Range 2020: **377-543**
Length of Course: **3 Years**
DN750 Places: **105**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Sustainability: Social Sciences, Policy & Law	101
Science	103

www.ucd.ie/myucd/socsc
UCD School of Social Policy, Social Work and Social Justice
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Instagram/Facebook/Twitter: @MyUCD

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	Crime & Deviance	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:

- Migration, Race and Ethnicity
- Punishment and Social Control
- Social Work in Practice
- Child Abuse, Sexual and Domestic Violence

Society and Public Service

Modules may include:

- Social Dynamics and Networks
- Sociology of Health and Inequality
- Careers in Public Policy
- Housing, Neighbourhoods and Homes

Work, Organisations and People

Modules may include:

- Introduction to Work and Organisational Psychology
- European Industrial Relations
- Work and Social Stratification
- Work and the Welfare State

Year 2 Compulsory Modules

- Sociological Theory
- Quantitative Sociology
- Investigating Social Services
- Social Protection: Security, Work and Poverty

Year 3 Compulsory Modules

- Qualitative Research Methods
- Policy Making, Implementation and Evaluation
- 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

- MSocSc Social Work/Master of Public Policy
- MSocSc Social Work, Welfare and Justice
- MSc Equality Studies/MA Gender Studies
- MSc Social Data Analytics
- MSc Comparative Social Change
- MSc or MA Sociology
- MSc Spatial Demography
- MA Race, Migration & Decolonial Studies

- PhD Sociology or Social Policy
- PhD Public Policy

- Research & Academia

Complementary/Conversion Master's Degrees

3 + 2 Social Work Pathway

MSocSc 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

Public Sector Careers

Human Resources

Journalism | New and Online Media

Policy Consultancy

*** Students on the pathway who meet entry requirements are eligible to apply for a place on UCD's two year Professional Masters in Social Work, a requirement to practice as a social worker**

I chose to study Social Policy & Sociology because I knew I wanted to work with people. The course allowed me to explore different pathways and careers involving these subject disciplines. I chose the Social Work and Social Professions Pathway in my second year. Both the Social Policy and Sociology side of the course have been very engaging, with the academic support in UCD being very informative and helpful. During my time at UCD, I've become a Peer Mentor, an experience that has helped me develop my skills for a career in Social Work.

- Alexander Agyenim Boateng, Student

SOCIAL POLICY & SOCIOLOGY

BSocSc (Hons) (NFQ Level 8)

CAO CODE: DN750

CAO Points Range 2020: **377-543**
Length of Course: **3 Years**
DN750 Places: **105**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

The Bachelor of Social Sciences (BSocSc) 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 illness, 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 policy-makers and industry.
For more information on Social Policy see page 73: and on Sociology see page 72.

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 Master's 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 Master's programmes and for employment in business and personnel management, industrial relations, marketing and corporate responsibility and governance.

Career & Graduate Study Opportunities

The BSocSc 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) and Sr Stanislaus Kennedy (Humanitarian & Founder, Focus Ireland).

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.

www.ucd.ie/myucd/socsc

UCD School of Social Policy, Social Work and Social Justice

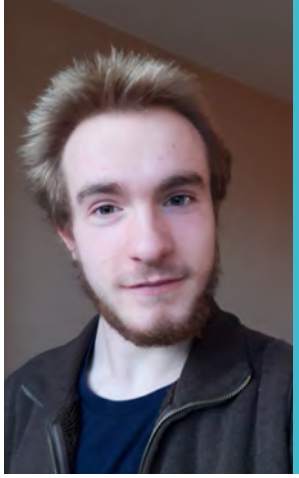
sp-sw-sj@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Other Courses of Interest:

Social Justice 71
Sociology 73
Psychology 76

PSYCHOLOGY

BSc (Hons) (NFQ Level 8)



Psychology is a three-year course, which is extended to four if you opt to study for a year abroad. Optional modules allow students to tailor their experience in UCD, focusing around the areas of Psychology that you are most interested in. Specifically, I have chosen to study Clinical, Health and Work Psychology modules. Through the course, I have developed critical thinking and problem-solving skills which are highly valued in practically all fields of work. This course has enabled me to challenge myself and take part in an educational experience that gives me a unique view of the world and the humans that inhabit it.

- Daragh Graham, Student

CAO CODE: DN720

CAO Points Range 2020: **522-613**
Length of Course: **3 Years**
DN720 Places: **90**

General Entry Requirements
See pages 195 - 203

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

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.

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.

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

Other Courses of Interest:

Social Justice 71
Social Policy & Sociology 74

www.ucd.ie/myucd/socsc
Undergraduate Office, UCD School of Psychology Newman
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psychology@ucd.ie

BUSINESS

Commerce	80
Commerce International	81
Economics & Finance	82
Diploma/Bachelor of Business Studies	83
Business & Law	98
Sustainability with Economics & Business	102
Actuarial & Financial Studies	135

Why UCD Business?

At UCD Lochlann Quinn School of Business, you will have the opportunity to work with leading international faculty and industry partners as you build a strong foundation of business knowledge and challenge yourself to have an impact on the world of business and beyond. We are proud to recruit ambitious students who want to hone their skills and knowledge to make a difference in the world.

UCD Quinn School is a place to expand your horizons, encounter diverse perspectives and experience new ways of thinking. It is a space where you can build friendships and relationships that will support you throughout your life and career as connected global citizens.

World Class Excellence

We are one of Europe's leading business school – our courses are highly ranked and we have been triple accredited for more than 20 years. We are accredited by both AACSB (the principal American accreditation) and EQUIS (the leading European accreditation). We are also a member of CEMS (an international alliance of leading business schools). This means that our degrees are internationally recognised and come with a mark of quality, which can give you advantages when looking for employment opportunities anywhere in the world.

Innovation

The UCD Quinn School and UCD Moore Centre for Business, our new €20 million wing that opened in September 2019, together provide purpose-built workspaces and a unique learning environments designed to offer the best student experience in Ireland. From exciting new learning spaces, working side-by-side with world renowned researchers to internships that will have a truly impact on your career.

We continually invest in our courses, spaces and the student experience, in tune with a changing business and social world. 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.

Find out more:
UCD Lochlann Quinn School of Business Virtual Tour

Global Classroom and Travel

Business has become more globalised and employers are increasingly looking for people with intercultural skills. Our diverse staff and student cohort from over 50 countries will help you develop these skills. In addition, our courses offer you the opportunity to study abroad and experience the culture of countries such as France, Germany, China, Singapore, New Zealand, Canada and Australia.

Quinn Internship Programme

Commerce and Economics & Finance students can apply for an optional year-long professional internship. This offers a first class paid business placement with top international or Irish companies. Students have completed internships in companies such as Microsoft, Grant Thornton, Glanbia, KPMG, PwC, EY, IBI Corporate Finance, Deloitte, Johnson & Johnson 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

You will learn the perfect balance of academic competency and practical business skills. Our links with top-tier business employers and our graduate employment or further study rate (98%) is a testament to the graduate achievements of our students.

Your First Year Experience

Our degrees have been developed in consultation with industry leaders and they reflect the changing business world. 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 not only your understanding of business theory and practices, but also the skills needed for a successful career. Employers seek graduates with great 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.

In your first year, you will have the 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.

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.

At UCD Quinn School, we educate aspiring business talent in order to have an impact in the world of business and beyond. We look forward to you joining our inspiring community.

STUDYING UCD COMMERCE

PERSONAL DEVELOPMENT	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	Banking & Finance

Bachelor of Commerce (Honours)

UCD graduate studies in Business

Continue your study with a master's at UCD Michael Smurfit Graduate Business School in areas such as

- Quantitative Finance
- Supply Chain Management
- Aviation Finance
- Food Business Strategy
- Digital Marketing

and more

Careers in Business

Management

- Management Consulting Managing
- Multinational Operations
- Supply Chain Management
- IT – Business Analyst/Business Analysis/Systems Design
- Graduate Development Programmes
- Managing Technology Development, e-Business
- Entrepreneurship

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 Service/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)

Having studied accounting at secondary school, I knew I wanted to study a business degree that could help me gain more accounting proficiency and also broaden my horizons about other aspects of business. I chose to study Commerce because it offered a broad range of diverse modules and I was attracted by the incredible facilities at both UCD and the Quinn School. Commerce has also given me incredible opportunities such as taking part in a 9-month internship with a 'Big Four' company where I gained hands on experience and developed professional skills. My degree highlight was attending BI Norwegian Business School for a summer school programme and learning more in depth about managing diversity. Commerce has opened so many doors of opportunities for me and has given me an incredible college experience!
- Mary Ishabiyi, Graduate

CAO CODE: DN650

CAO Points Range 2020: **521-625**

Length of Course: **3 Years (4 Years with optional internship)**

DN650 Places: **230**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Commerce International	81
Economics & Finance	82
Business & Law	98
Sustainability with Business & Economics	102

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.

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.

First Year

Accounting · Management · Economics · Maths & Statistics · Digital Business · Business Law.

Second Year

Accounting · Finance · Marketing · Business Analytics · Global Business · Global Operations & Supply Chain Management.

Final Year

Alongside core business modules, you can choose modules across a range of business disciplines including: Accountancy · HRM · Management · Marketing · Management Information Systems & Finance

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.

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)
- Human Resources Management (e.g. HR manager, Recruitment, training consultancy)
- Information Systems (e.g. data analyst, ICT project leader, business analysts)
- Management (e.g. management consultant, entrepreneur, supply chain manager)
- Marketing (e.g. advertising, brand management, social media manager)

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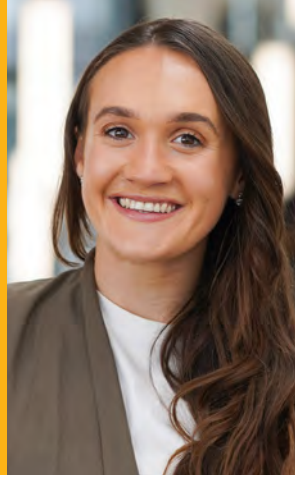
I was drawn to Commerce International as it gave me the opportunity to study the two areas that I am most passionate about – business and languages. I studied French and Chinese in my first year and chose to pursue Chinese to degree level, despite not having studied it before. Studying in China was one of my most incredible experiences to date and it has opened so many doors for me. Having another language and cross-cultural understanding are two of the greatest assets you can have in business today. I have found that it's a fantastic way to differentiate yourself and employers highly value these complementary skills in today's global economy. This is a truly international, all-encompassing degree and has given me the perfect start for an international career.

- Alex Bolster, Graduate



COMMERCE INTERNATIONAL

BComm (Hons) (NFQ Level 8)

CAO CODE: DN660

CAO Points Range 2020: **510-625**
Length of Course: **4 Years**
DN660 Places: **102**

General Entry Requirements
See pages 195 - 203

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
None

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Language Recommendations

- Students will need a minimum of grade H4 in Leaving Certificate French (or equivalent) to take any French language combinations.
- Chinese speakers at HSK6 or native speaker standard are not eligible for Chinese language
- 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 of the two options 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

Financial Accounting · Economics · Maths & Statistics · Organisational Behaviour · Management · Business in Society · 4 x Language & Culture/Literature modules

Second Year

Management Accounting · Marketing · Human Resources · Global Operations · Finance · Information & Communications Technology · 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. To view our list of current business partner universities, visit www.ucd.ie/quinn

Fourth Year

In the final year, you will continue with language and culture/literature studies, and in addition can specialise in a particular business discipline (such as Accountancy, Management, Marketing, Banking & Finance, Management Information Systems or Human Resource Management) or study a mix of business modules.

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.

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Other Courses of Interest:

Commerce	80
Economics & Finance	82
Business & Law	98

ECONOMICS & FINANCE

BSC (Hons) (NFQ Level 8)

Economics and Finance stood out to me primarily due to the wide range of employment opportunities after graduation. The emphasis on a rigorous grounding in analytical skills and applying this to economics and finance is something that is highly valued in the world of work. I really enjoy how the interlink between the numerical concepts that we learn in mathematics and statistics are applied in various finance and economic modules. The design of the course is very clever in this way. Economics and Finance has opened me up to so many opportunities such as the University of Washington Global Business Case competition, London Finance Trip, Career Mentoring Programme and the opportunity to go on internship with a major corporate finance firm.

- David Banks, Graduate

CAO CODE: DN670

CAO Points Range 2020: **613-625**

Length of Course: **3 Years (4 Years with optional internship)**

DN670 Places: **55**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

If you have a strong interest or ability in economics, 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, it 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. In second year, students can participate in a personalised mentorship programme, gaining industry knowledge, advice and support from the business alumni community.

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.

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 be instead 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: Applied Portfolio & Risk Management · Advanced Microeconomics · Financial Economics I & II · Econometrics of Financial Markets · Research Topics in Finance · + Modules associated to your specilisation

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. 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

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.

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Other Courses of Interest:

Economics	66
Commerce	80
Business & Law	98
Sustainability with Business & Economics	102
Mathematics	124
Actuarial & Financial Studies	135

I decided to enrol in the BBS course late in my career, partly as a personal objective and partly to focus on career progress. With more than 20 years of business experience behind me, I was unsure as to how much knowledge I would gain from the course. However, the past 4 years has been a fantastic journey of learning and forging new friendships. The course content is designed to perfectly match the needs of a modern business leader and each module has the right balance of lectures, course work and project work to enable you to fit it in with a busy work schedule. The lecturers are great with a wealth of knowledge from both real world business experience and academia. My own personal growth from the course was far beyond my expectations. It was relevant, enjoyable and challenged my thinking throughout.

- Peter O'Rourke, Graduate

DIPLOMA/ BACHELOR OF BUSINESS STUDIES

(NFQ Level 7/NFQ Level 8)

CAO CODE: NON-CAO

Part-Time Course

Length of Course: **2 Years (DBS) + 2 Years (BBS)**

Why is this course for me?

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.

The course is delivered through part-time weekend attendance on campus and home study. 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'll be introduced to the fundamentals of management. You'll 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 · Economics · Digital Business & Social Media Strategy · Marketing Management

We also have 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'll 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. As a result, a dedicated Programme Manager who is well placed to provide real 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 in: retail, customer services, leisure, hospitality, banking and finance, amongst other key sectors.

On completion of the Bachelor of Business Studies, graduates are eligible to apply for postgraduate study in business strategy, project management, education, etc.

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

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Law with French Law	89
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Law with Chinese	91
Law with Economics	92
Law with History	93
Law with Irish	94
Law with Philosophy	95
Law with Politics	96
Law with Social Justice	97
Business & Law	98

The UCD Sutherland School of Law is the first purpose-built university law school in Ireland. Key features include the Clinical Legal Education Centre, a Negotiating Suite and a Ceremonial Moot Court. Our degrees provide a strong foundation for a career either in legal practice or in another rewarding field in Ireland and abroad.
Our graduates have progressed to hold some of the highest legal and political offices in the State, including Chief Justice, Attorney General, Director of Public Prosecutions, Taoiseach and Tánaiste.

Why UCD Law?

- UCD Sutherland School of Law is ranked within the Top 100 Law Schools in the World*.
- We offer world-class learning and teaching facilities in a state-of-the-art building. Features include the purpose-built Arthur Cox Clinical Legal Education Centre (CLEC), which offers specialist clinical law modules.
- We offer the widest range of law degrees in Ireland. You can choose to focus primarily on Law (BCL) or to combine your study of Law with one of the following: Business, Economics, Philosophy, Politics, Social Justice, Chinese, Irish, French Law or History. If you choose the BCL course, you may study a language (Chinese, French, Irish, Spanish) throughout your degree.
- Our academic staff are experts in a wide range of fields in national, European and International law.
- You may undertake a placement in a leading law firm, in the courts or in a non-governmental organisation.
- You may have the opportunity to develop your foreign language skills and to study other legal systems through our extensive international exchange programme with universities in Europe, North America, Asia and Australasia.
- Our graduates have gained admission to study at prestigious universities, including Cambridge, College of Europe, European University Institute, Harvard, the University of Pennsylvania, the London School of Economics and Oxford.

Find out more:
UCD Sutherland School of Law Virtual Tour

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 community. Under our Peer Mentoring and Academic Adviser schemes, current students and lecturers are assigned to each first year student in order to offer advice and support.
- You will explore the fundamentals of law in Constitutional Law and Contract Law modules. You will also learn about the legal system in General Introduction to the Irish Legal System and the skills of practicing law in the Legal and Professional Skills module.
- 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.
- You will be encouraged to get involved in debating and mooting (mock trials).
- You can join other students in the UCD Law Society, which organises many events, including debates.
- You may decide to participate in the UCD Student Legal Service. Run by Law students, it provides legal information clinics for students.
- You will be invited to attend recruitment presentations from leading Irish, UK and other firms, government bodies and non-governmental organisations.
- Specialist careers support is provided by the School's Career Adviser to help you identify and achieve your career ambitions.

*QS World University Rankings by Subject 2021: Law.

STUDYING UCD LAW

YEARS 1 & 2

Foundations of legal knowledge and specialist subjects

DN600 Bachelor of Civil Law	DN600 BCL Law with Chinese	DN600 BCL Law with Economics	DN600 BCL Law with French Law	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 progamme specific modules as appropriate, for example in:

Law	History
Chinese	Philosophy
Economics	Politics
French Law	Social Justice
Irish	

*Not offered in DN600 LCS **Offered as optional module to DN610 in Year 3

YEARS 3 & 4

Further specialisation and international study

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)
- 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 have thoroughly enjoyed my time at UCD and would recommend this course to anyone who is considering studying law. I have been able to study a variety of law modules that interest me such as international law, economic law, and criminal law and to use electives to pursue other interests of mine, such as Chinese language, economy, and culture. The opportunity to go on Erasmus to Austria for a trimester, meet various firms and organisations and get involved with student societies has allowed me to meet new people, explore my interests and gain invaluable practical experience.

- Odhran Stynes, Student

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

Other Courses of Interest:

Law with French Law	89
Law with History	93
Law with Social Justice	97
Business & Law	98

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, Alternative Dispute Resolution, Legal Practice and Legal Placement.

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).

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.

International Study Opportunities

Third year BCL students are offered the widest range of study abroad opportunities at our 50+ partner universities in locations which include:

- Australia
- Austria
- Belgium
- Canada
- China
- Czech Republic
- France
- Germany
- Hong Kong
- Italy
- New Zealand
- Singapore
- Spain
- Sweden
- Switzerland
- The Netherlands
- UK
- USA

NOTE:

If you are interested in later qualifying as a lawyer in the USA, the BCL course is the recommended choice.

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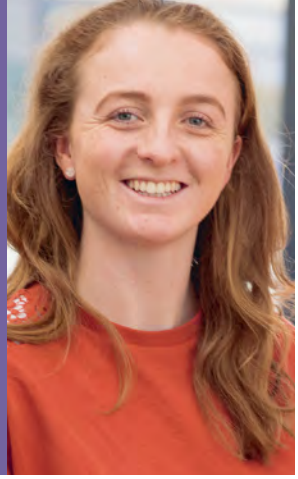
UCD's Law with French Law degree was the perfect course for me. The French law aspect opens up numerous opportunities on a European and International level and allows students to undertake an Erasmus. My year abroad in Toulouse is one of my fondest memories of the degree, being immersed in the culture and developing my language skills through my studies and travels. I have been a member of UCD Ladies Hockey Team throughout my time in college that allowed me to meet students from all different disciplines, as we competed together, winning national club championships, national intervarsity's and competing for UCD at a European level. (Sarah is currently working as a Judicial Assistant in the Irish Courts Service.)

- Sarah Patton, Graduate



LAW WITH FRENCH LAW

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

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 degree is one of two French Law Courses offered by Sutherland School of Law, the other being the BCL/Maîtrise 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, the common law and the civil law.

The BCL (Law with French Law) degree provides you 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. Students gain valuable comparative insights, which inform an enhanced critical perspective on Irish law.

One year (third) is 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. This is combined with intensive French language training, French legal terminology and methodology, an introduction to French Public Law and French Private Law, Legal and Professional Skills and a General Introduction to the Irish Legal System.

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, 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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Other Courses of Interest:

Law 88
BCL/Maîtrise 90

BCL/MAITRISE

Law Dual Degree
BCL/Maîtrise (NFQ Level 8)

Studying the BCL/Maîtrise in UCD has been an extremely rewarding experience. The unique programme 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 Dakik, Student

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

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).

Other Courses of Interest:

Law 88
Law with French Law 89

Why is this course for me?

This degree 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] 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.

Towards the end of first year, the students who have achieved the highest grades in Level I of the BCL [Law with French Law] will have the option to apply for interview to enter the BCL/Maîtrise. The BCL/Maîtrise is an intensive dual degree aimed at highly motivated and ambitious students. **The major difference between the two Courses is that the BCL/Maîtrise allows you to undertake two degrees:** a degree in Irish law 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 Maîtrise en Droit (or Master 1) is considered to be a master's level course.

Two years (third and fourth) are spent at either Paris II or Toulouse 1.

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 the highest 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 advance your French language training and 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 appeals to students who wish to pursue a career as a barrister, solicitor or French avocat, as well as to those who aspire to practise in the domains of International and European Union Law, or in governmental or international institutions.

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I chose to study Law with Chinese in UCD as the unique subject combination offered a way to balance my love for languages and interest in the law. I find it very refreshing to have a mix between law lectures and smaller more interactive Chinese classes. A degree with such an international focus also provides endless career options. I have had the opportunity to immerse myself in extra-curricular activities such as serving as Secretary of the UCD Law Society and debating at a national and international level. I also took part in a UCD Volunteers Overseas project, teaching ICT skills in Morogoro, Tanzania. The combination of a high quality legal education and these additional activities has made my time in UCD thoroughly enjoyable.

- Emer Nolan, Student

LAW WITH CHINESE

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

Note
Students entering this course are not required to have a prior knowledge of Mandarin. Those with prior knowledge of Mandarin are most welcome.

Why is this course for me?

Law with Chinese allows you to undertake a degree in Irish law, whilst simultaneously acquiring a broad knowledge of Chinese society and a very high level of competence in Mandarin. During this degree, you will gain comparative insights that inform an enhanced critical perspective on Irish law. Your third year is spent at a leading university in China.

What will I study?

First & Second Year

First year focuses on the core Irish law modules of: Constitutional Law • Contract Law • Tort • General Introduction to the Irish Legal System

This is combined with intensive Chinese language training and an introduction to Chinese culture and society. In second year, you will continue to build your knowledge of the foundations of Irish law, covering: EU Law • Property Law • Criminal Law
You will also advance your Chinese language skills and deepen your knowledge of Chinese society.

Third Year

You will spend your third year at a partner university in Beijing, China (Renmin University or the China University of Political Science and Law (CUPL)), where you will take some modules through Mandarin.

Fourth Year

On your return to UCD for the last year of your degree, you will undertake a dissertation on Chinese Law (in English). You will also choose modules, from the full range of Irish law modules including clinical modules from the School's Clinical Legal Education Centre (CLEC).

Note: Some modules on this degree are taught through Mandarin. No prior knowledge of Mandarin is required for this degree.

You will attend lec 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.

Career & Graduate Study Opportunities

Graduates obtain a recognised degree in Irish law and are also particularly well placed to pursue legal careers with:

- International law firms
- European and international institutions
- Non-Governmental Organisations

BCL (Law with Chinese) graduates may wish to pursue further studies, including: MSc International Law and Business, LLM (International Commercial Law) or LLM (Intellectual Property & Information Technology Law), all in UCD Sutherland School of Law. Both Renmin and CUPL have excellent graduate programmes and are among the best law schools in the world.

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Other Courses of Interest:

Law	88
Law with History	93
Law with Philosophy	95
Law with Politics	96

LAW WITH ECONOMICS

BCL (Hons) (NFQ Level 8)

I chose Law with Economics as I wanted an excellent legal education with an additional understanding of businesses and people in the economy. I have studied exceptional modules, which are in equal parts rewarding, challenging and exciting. Studying complementary areas like competition and finance through both disciplines has been particularly worthwhile. Outside of class, I have 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 Dublin.)
- Conor White, Graduate

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

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 may select from the clinical law modules offered by our Clinical Legal Education Centre (CLEC).

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.

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

International Study Opportunities

Many students apply to spend time abroad during their third year at partner universities in locations that include:

- Australia
- Austria
- Belgium
- Canada
- China
- Czech Republic
- France
- Germany
- Hong Kong
- Italy
- New Zealand
- Singapore
- Spain
- Sweden
- Switzerland
- The Netherlands
- UK
- USA

Other Courses of Interest:

Economics	66
Law	88
Law with Social Justice	97
Business & Law	98
Sustainability with Business & Economics	102

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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 currently an LLM Candidate in Public International Law at UvA Amsterdam).

- Helen Brady, Graduate

LAW WITH HISTORY

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

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.

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

International Study Opportunities

Many students apply to spend time abroad during their third year at partner universities in locations that include:

- Australia
- Austria
- Belgium
- Canada
- China
- Czech Republic
- France
- Germany
- Hong Kong
- Italy
- New Zealand
- Singapore
- Spain
- Sweden
- Switzerland
- The Netherlands
- UK
- USA

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.

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Other Courses of Interest:

History	38
History & Politics	39
Law	88
Law with Social Justice	97
Law with Politics	96

LAW WITH IRISH

BCL (Hons) (NFQ Level 8)

Is mór an buntáiste dom é mar mhac léinn ar an gcúrsa Dlí le Gaeilge a bheith ceangailte le dhá scoil anseo in UCD. Dá thairbhe sin táim an-chairdiúil le mic léinn ón Dlí agus ón nGaeilge, go háirithe leis na Gaeil toisc go bhfuilim ar choiste an Chumainn Ghaelaigh i mbliana.

Níor thuig mé ach a dtáinig mé chuig UCD an réimse leathan deiseanna atá ann do chéimithe i réimsí na Gaeilge agus an Dlí. Is é mo mhian bheith i mo dhlíodóir nó i m'aistritheoir dlíthiúil. Ach faoi láthair, táim i mbun eagrúcháin do m'intéirneacht dlí don samhradh agus táim ag tnúth leis an gCúrsa Gaeltachta i nGaoth Dobhair le mic léinn na Gaeilge. Mholfainn an cúrsa seo d'éinne le spéis sa Ghaeilge atá ag iarraidh triail a bhaint as ábhar nua.

- Gearóid Dardis, Student

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

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

Students will study abroad at Concordia University (Montreal) for a trimester in their third year. At UCD, 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.

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, or diplomatic service. Careers in media, legal research and academia are also possible career paths.

Relevant graduate study opportunities include LLM degrees.

Note

UCD has agreed a bespoke exchange programme with Concordia University (Montreal). Concordia offers one of the leading Irish Studies programmes in the world. Students will experience life in a vibrant bilingual city and will have the opportunity (optional) of taking a French language course.

Key Fact

Many leading Irish and UK Law firms host recruitment presentations on campus in UCD.

Practical experience gained in clinical law modules may give you a competitive edge when applying for internships or traineeships.

Other Courses of Interest:

Irish/Gaeilge	53
Irish Studies	40
Law	88
Law with Social Justice	97
Business & Law	98

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The degree courseof 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. This degree course 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 Gribbin Bourke, Student

LAW WITH PHILOSOPHY

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

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.

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

International Study Opportunities

Many students apply to spend time abroad during their third year at partner universities in locations that include:

- Australia
- Austria
- Belgium
- Canada
- China
- Czech Republic
- France
- Germany
- Hong Kong
- Italy
- New Zealand
- Singapore
- Spain
- Sweden
- Switzerland
- The Netherlands
- UK
- USA

Key Fact

All final year UCD Law students can apply for US externships in the federal courts and the federal defender's office.

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Other Courses of Interest:

Philosophy, Politics & Economics	64
Philosophy	69
Law	88
Law with History	93
Law with Politics	96

LAW WITH POLITICS

BCL (Hons) (NFQ Level 8)

I am a final year Law with Politics student at UCD. Throughout my degree, I have had the opportunity to closely observe the interplay of law and politics in history and the contemporary world. UCD provides you with diverse opportunities to engage with research and practical application of your skills. I have had the opportunity to network with some of the largest international law firms in Ireland and the EU through UCD, which has provided me with excellent work experience and professional skills. UCD is a global university and, with its student societies and events, provides a chance for all students to interact with cultures and traditions from all across the world. I thoroughly enjoyed my time here at UCD and the preparation it has given me for my professional and personal life ahead.

- Eshita Bahadur, Student

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

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.

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

International Study Opportunities

Many students apply to spend time abroad during their third year at partner universities in locations that include:

- Australia
- Austria
- Belgium
- Canada
- China
- Czech Republic
- France, Germany
- Hong Kong
- Italy
- New Zealand
- Singapore
- Spain
- Sweden
- Switzerland
- The Netherlands
- UK
- USA

Other Courses of Interest:

Philosophy, Politics & Economics	64
Politics & International Relations	70
Law with Economics	92
Law with Philosophy	95
Law with Social Justice	97

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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 programme 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 McGee, Student

LAW WITH SOCIAL JUSTICE

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2020: **543-625**
Length of Course: **4 Years**
DN600 Places: **125**

General Entry Requirements
See pages 195 - 203

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

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 that 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 · 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.

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

Assessment includes end-of-trimester examinations, essays and group projects.

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

International Study Opportunities

Many students apply to spend time abroad during their third year at partner universities in locations that include:

- Australia
- Austria
- Belgium
- Canada
- China
- Czech Republic
- France
- Germany
- Hong Kong
- Italy
- New Zealand
- Singapore
- Spain
- Sweden
- Switzerland
- The Netherlands
- UK
- USA

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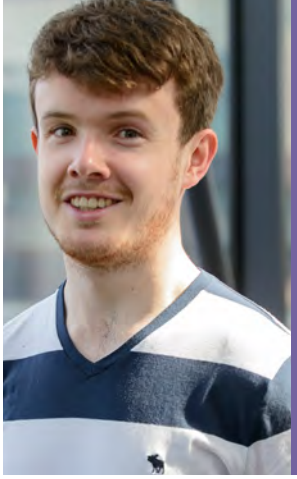
Other Courses of Interest:

Social Justice	71
Law	88
Law with History	93
Law with Philosophy	95

BUSINESS & LAW

BBL (Hons) (NFQ Level 8)



Business and Law offers a learning experience that is unrivalled. I chose the degree due to its wide variety, but I also came to realise during my time in UCD the value of having a grounding in business when operating in the legal sphere and vice versa. The combination of business acumen and critical thinking, using a legal mindset learned during the course, really sets BBL students apart. I have had the opportunity to apply skills learned through my degree as far afield as Tanzania, when volunteering as a computer teacher with UCD Volunteers Overseas, and closer to home in my current role as a Finance Effectiveness Consultant with a leading Professional Services firm.
- Shane O'Donoghue, Graduate

CAO CODE: DN610

CAO Points Range 2020: **544-625**
Length of Course: **4 Years**
DN610 Places: **120**

General Entry Requirements
See pages 195 - 203

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

Why is this course for me?

The BBL degree combines law and business in a single degree, providing you with an ideal skill-set for the commercial world and offering valuable career flexibility. BBL graduates are 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, Tort Law and EU Law, you may choose from a large variety of other law modules including: Criminal Law · Revenue Law · Commercial Law · Intellectual Property Law · Employment Law

The range of business modules includes: Accountancy · Management · Finance · Economics · Marketing

Fourth Year

According to your preference and career plans, you can choose to specialise in Law or Business.

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.

Career & Graduate Study Opportunities

BBL students can 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. Graduates can also pursue careers in:

- Accountancy
- Finance
- Tax consultancy
- Corporate banking
- Business analysis

BBL graduates also have the option of pursuing postgraduate qualifications in either Law or Business.

International Study Opportunities

BBL students can apply to spend a trimester of third year on exchange in locations that include:

- Australia
- Austria
- Belgium
- France
- Germany
- Italy
- Spain
- USA

Key Fact

You will study your business modules at the only Irish business school accredited by both AACSB (the principal American accreditation) and EQUIS (the leading European accreditation).

Other Courses of Interest:

Economics	66
Commerce	80
Economics & Finance	82
Law	88
Law with Economics	92

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SUSTAINABILITY

Sustainability with Environmental Sciences 100

Sustainability with Social Sciences, Policy & Law 101

Sustainability with Business & Economics 102

SUSTAINABILITY WITH ENVIRONMENTAL SCIENCES

BSc (Hons) (NFQ Level 8)

CAO CODE: DN240

CAO Point Range 2020: **440-601**
Length of Course: **4 Years**
DN240 Places: **70**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
None

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Environmental Biology	108
Zoology	115
Chemistry with Environmental & Sustainable Chemistry	119
Geology	131
Agri-Environmental Sciences	159
Civil Engineering	185

As Director of the UCD Earth Institute, I combine my expertise in marine ecology with that from a range of disciplines to address environmental challenges. Projects include Ecostructure, which is developing eco-engineering interventions to enhance biodiversity on marine artificial structures and Land2Sea, which is characterising combined impacts of climate change and pollution on freshwater and marine ecosystems and ecosystem services to inform environmental management and policy.

- Professor Tasman Crowe

Why is this course for me?

The Sustainability with Environmental Sciences pathway has a particular emphasis on the science and technology to understand and address climate change and the degradation of our natural environment. It has a great degree of flexibility to enable you to draw on a range of relevant modules from across the disciplines of science, engineering and agriculture.

You may also choose to become progressively more focussed on Earth Sciences including climate change, or Ecology/Environmental Biology including conservation and environmental management or the environmental aspects of Engineering, including transport, waste management and sustainable energy solutions.

What will I study?

First Year

Sustainability (including Concepts and Research Tools, Policy, Law and Economics) · Mathematics · Social Sciences · Environmental Science · Economics & Business · Option modules

Second Year

Sustainability (includes modules on Research Tools for Sustainability and Innovation, Communication and Careers in Sustainability) · Environmental Science & Engineering (includes modules on Energy, Climate Change and Policy, Global Environmental Change, Weather, Climate and Climate Change, Land Use and the Environment, Environmental Biology) · Social Sciences, Policy & Law · Economics & Business

Third Year

Sustainability (includes a professional work placement in sustainability and a residential field trip) · Environmental Science & Engineering (includes modules on Data Analysis and options including Waste Management, Life Cycle Assessment, Causes of Climate Change and Ecosystems Ecology) · Social Sciences, Policy & Law

Fourth Year

Sustainability (includes an interdisciplinary project on a sustainability challenge and a research project module) · Environmental Science & Engineering (including modules on Environmental Issues and Policy, Advanced Air Pollution, Biology and Ecology of Coastal Wetlands, Life Cycle Assessment) · Social Sciences, Policy & Law · Economics & Business

Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students will have the opportunity to study abroad as part of international internships with relevant industries and employers. Placements are secured through a competitive process.

There will also be opportunities to apply for the Erasmus Study Abroad Programmes and there will be opportunities for overseas field trips.

Career & Graduate Study Opportunities

An interdisciplinary education in sustainability theory, policy and practise 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.

www.myucd.ie/sustainability-with-environmental-sciences

Professor Tasman Crowe, Director
UCD Earth Institute
UCD School of Biology and Environmental Science

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I'm a Professor in Physical Geography specialising in the management of riverine systems and associated natural hazards such as floods and droughts. This includes the use of long-term records of past climate to better understand and predict water security under a changing climate. With career experiences in Australia, Indonesia, Europe and Ireland, I am passionate about tackling global environmental challenges through quality education, real-world experiences and employment opportunities.

- Professor Jacky Croke

SUSTAINABILITY WITH SOCIAL SCIENCES, POLICY & LAW

BSc (Hons) (NFQ Level 8)

CAO CODE: DN240

CAO Point Range 2020: **440-601**
Length of Course: **4 Years**
DN240 Places: **70**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
None

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

The Sustainability with Social Sciences, Policy & Law pathway has a particular emphasis on the societal and governance dimensions of sustainability. It has a great degree of flexibility to enable you draw on a range of modules from relevant disciplines in the social sciences, humanities and law or choose to become more focussed on particular aspects such as physical or human geography, global development or climate change and associated policy.

What will I study?

First Year

Sustainability (including Concepts and Research Tools, Policy, Law and Economics) · Mathematics · Social Sciences · Environmental Science · Economics & Business · Option modules

Second Year

Sustainability (includes modules on Research Tools for Sustainability and Innovation, Communication and Careers in Sustainability) · Social Sciences, Policy & Law (includes modules on Achieving the Sustainable Development Goals, Introduction to GIS for Sustainability, Global Development and options including Environmental Management, Environmental Law and Policy, Energy, Climate Change and Policy) · Environmental Science & Engineering · Economics & Business

Third Year

Sustainability (includes a professional work placement in sustainability and a residential field trip) · Social Sciences, Policy & Law (modules include Environment & Sustainability, World Heritage & Sustainable Development and options including Democracy & Civil Society, Climate Politics & Policy, Social Justice & the Environment, Environmental Assessment, Global Biodiversity and Heritage) · Environmental Science & Engineering · Economics & Business

Fourth Year

Sustainability (includes an interdisciplinary project on a sustainability challenge and a research project module) · Social Sciences, Policy & Law (including modules on Urban Environments, Climate Politics and Policy, Planning Law, Development Geographies, Overseas Field Trip) · Environmental Science & Engineering · Economics & Business

Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students will have the opportunity to study abroad as part of international internships with relevant industries and employers. Placements are secured through a competitive process.

There will also be opportunities to apply for the Erasmus Study Abroad Programmes and there will be opportunities for overseas field trips.

Career & Graduate Study Opportunities

An interdisciplinary education in sustainability theory, policy and practise 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:

Philosophy, Politics & Economics	64
Geography	67
Politics & International Relations	70
Social Justice	71
City Planning & Environmental Policy	194

www.myucd.ie/sustainability/sustainability-with-social-sciences-policy-and-law

Professor Jacky Croke
UCD School of Geography

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SUSTAINABILITY WITH BUSINESS & ECONOMICS

BSc (Hons) (NFQ Level 8)

Sustainability is one of the greatest challenges of our time and is becoming a key priority in company strategies and regulatory frameworks across all industries. As the interdependencies between environmental, social and economic wellbeing become more clear, organisations are recognising the need to act on sustainability in a truly meaningful manner. The Sustainability with Business & Economics pathway is an exciting opportunity for individuals interested in learning and developing the skill sets to think and act in interconnected ways, while influencing sustainability and global development through business and in society as a whole.

- Associate Professor Maeve Houlihan

CAO CODE: DN240

CAO Point Range 2020: **440-601**

Length of Course: **4 Years**

DN240 Places: **70**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
None

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Economics	66
Geography	67
Sociology	73
Commerce	80
City Planning & Environmental Policy	191

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 pathway 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 pathway 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?

First Year

Sustainability (including Concepts and Research Tools, Policy, Law and Economics) · Mathematics · Social Sciences · Environmental Science · Economics & Business · Principles of Economics · Principles of Microeconomics

Second Year

Sustainability (includes modules on Research Tools for Sustainability and Innovation, Communication and Careers in Sustainability) · Business & Economics (includes modules on Foundations of Finance, Introduction to Marketing, Accounting for Non-Business Students, Intermediate Microeconomics) · Environmental Science & Engineering · Social Sciences, Policy & Law

Third Year

Sustainability (includes a professional work placement in sustainability and a residential field trip) · Business & Economics (includes modules on Foundations of Finance, Introduction to Marketing, Accounting for Non-Business Students, Intermediate Microeconomics) · Environmental Science & Engineering · Social Sciences, Policy & Law

Fourth Year

Business & Economics (includes modules on Green Ventures · Behavioural Finance · Business & Global Development · Consumer Psychology · Responsible Marketing · Public Economics) · Environmental Science & Engineering · Social Sciences, Policy & Law

Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

International Study Opportunities

Students will have the opportunity to study abroad as part of international internships with relevant industries and employers. Placements are secured through a competitive process.

There will also be opportunities to apply for the Erasmus Study Abroad Programmes and there will be opportunities for overseas field trips.

Career & Graduate Study Opportunities

An interdisciplinary education in sustainability theory, policy and practise 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, 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.

A wide range of graduate opportunities and pathways include further specialisation through for example MSc Business, Economics, or Sustainability Policy or Practice.

www.myucd.ie/sustainability/sustainability-business-economics

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SCIENCE

Biological, Biomedical & Biomolecular Science 104
Biochemistry & Molecular Biology 106
Cell & Molecular Biology 107
Environmental Biology 108
Genetics 109
Microbiology 110
Neuroscience 111
Pharmacology 112
Physiology 113
Plant Biology 114
Zoology 115
Biology, Mathematics & Education 116

Chemistry & Chemical Sciences 104
Chemistry 117
Chemistry with Biophysical Chemistry 118
Chemistry with Environmental & Sustainable Chemistry 119
Medicinal Chemistry & Chemical Biology 120
Chemistry, Mathematics & Education 121

Mathematical, Physical & Geological Sciences 104
Applied Mathematics & Computational Mathematics 122
Financial Mathematics 123
Mathematics 124
Statistics 126
Physics 128
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Theoretical Physics 130
Geology 131
Applied Mathematics, Mathematics & Education 132
Computer Science, Mathematics & Education 133
Physics, Mathematics & Education 134

Direct Entry Courses 104
Actuarial & Financial Studies 135
Computer Science 136
Computer Science with Data Science 137

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 subjects, 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 offers the broadest and most diverse Science programme in Ireland, with degree courses in biological, biomedical, chemical, geological, mathematical, physical and computer sciences, all delivered by lecturers at the forefront of teaching and research. By Fourth Year, you will conduct your own research and communicate your discoveries under the guidance of some of Ireland's top scientists.

Science (DN200)

The UCD Science DN200 course offers 27 subjects categorised into the following streams:

- Biological, Biomedical & Biomolecular Sciences
- Chemistry & Chemical Sciences
- Mathematical, Physical & Geological Sciences
- No Preference

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.

No Preference

- The No Preference option is for students who are interested in subjects in different streams. For example, a student may be interested in Environmental Biology and Geology. As Environmental Biology is in the Biological, Biomedical & Biomolecular Sciences stream and Geology is in the Mathematical, Physical & Geological Sciences stream, students interested in these subjects can choose 'No Preference'.
  Students who choose the No Preference stream are offered the same First Year module guarantees as students who choose the other streams.

Is Science (DN200) a General Science degree?

- DN200 is not a "General Science" degree; it is a common entry course where students specialise in one of 27 subjects for their final degree (e.g. BSc Financial Mathematics, BSc Geology, BSc Chemistry etc.)

Find out more:
UCD O'Brien Centre for Science Virtual Tour

Why should I choose a Common Entry Science course?

- This course is ideal if you are undecided about which area of Science interests you most as students have the flexibility to explore the full range of Science subjects.
- The flexible curriculum allows students to specialise in First Year should they know what they want to study. For example, if you are only interested in Physics, you can focus your studies from First Year onwards in Physics.
- 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.
- Students make an informed decision about their degree subject at the end of Second Year.

When do I select my degree major?

- At the end of First Year, students choose a minimum of two subjects to study in Second Year (for example Statistics and Mathematics). Students will major in one of these subjects in Third and Fourth Year.

Computer Science (DN201)

- The DN201 Computer Science degree entry is designed for students who wish to specialise in computer science or data science, and want to pursue careers in software engineering, data analytics, the tech industry more generally, or research and development. There is no assumption that students have prior programming experience and all students will take introductory programming modules in First Year. At the end of Second Year, students have the option to major in either Computer Science or Computer Science with Data Science.

Bachelor of Actuarial & Financial Studies (DN230)

- The DN230 Bachelor of Actuarial & Financial Studies (BAFS) is designed for students interested in becoming actuaries. Students complete a professional work placement in third year that is integrated as part of the course in a financial institution or insurance company and equates to half the year's work.

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 College 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 in to 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 of 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 is the largest capital investment in Science in history of the Irish State with state-of-the-art labs, active learning environments, lecture theatres and classrooms. The laboratories are designed for groups of 25 students, ensuring that students get individual attention in modern, state-of-the-art facilities.

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STUDYING UCD SCIENCE

YEARS 1 & 2 — Engage with the principles

Biological, Biomedical & Biomolecular Sciences	Chemistry & Chemical Sciences	Mathematical, Physical & Geological Sciences	Explore All Options

The First Year of Science DN200 is designed to enable you to sample a number of subjects. You can focus on your preferred subject area or explore different subject areas. Depending on the modules you study in First Year, most students will study a minimum of two subjects in Second Year.

Pathway models for each subject including Actuarial & Financial Studies, Computer Science and Computer Science with Data Science are available at **www.ucd.ie/science/t4media/ucdscience.pdf.**

YEARS 3 & 4 — Follow your pathway

Biological, Biomedical & Biomolecular Sciences

- Biochemistry & Molecular Biology
- Cell & Molecular Biology
- Environmental Biology
- Genetics
- Microbiology
- Neuroscience
- Pharmacology
- Physiology
- Plant Biology
- Zoology
- Biology, Mathematics & Education*

Chemistry & Chemical Sciences

- Chemistry
- Chemistry with Biophysical Chemistry
- Chemistry with Environmental & Sustainable Chemistry
- Medicinal Chemistry & Chemical Biology
- Chemistry, Mathematics & Education*

Mathematical, Physical & Geological Sciences

- Applied & Computational Mathematics
- Financial Mathematics
- Mathematics
- Physics
- Statistics
- Theoretical Physics
- Physics with Astronomy & Space Science
- Applied Mathematics, Mathematics & Education*
- Geology
- Computer Science, Mathematics & Education*
- Physics, Mathematics & Education*

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, Irish Medicines Board, Forensic Science Laboratory, Met Éireann etc.

Conversion/Complimentary Courses

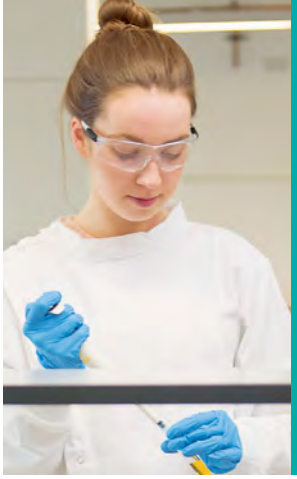
- *MSc Mathematics & Science Education (Teaching)
- Professional Master of Education (Teaching)
- Graduate Veterinary Medicine
- Graduate Medicine
- Master of Business Studies
- Graduate Diploma and MSc in Actuarial Science
- MSc Computer Science (Conversion)

Continue to develop your professional career with UCD

*This BSc degree progresses to the MSc in Mathematics and Science Education as outlined in the Conversion/Complementary Courses section.

BIOCHEMISTRY & MOLECULAR BIOLOGY

BSc (Hons) (NFQ Level 8)



Biochemistry is at the core of all the biological sciences and provides an excellent foundation for a career in the field of biomolecular and biomedical science. I delved into key components of Biochemistry such as metabolism, molecular basis of diseases, proteins and enzymes whilst also being able to maintain my love of Spanish and Music through electives. During my time in UCD I was a peer mentor, a member of the UCD Symphony Orchestra and various other clubs and societies. Since graduating I have obtained a role as a Quality Control Analyst in a global pharmaceutical company where I have been able to apply the knowledge I acquired during my degree to conduct a variety of analyses and tests on the finished product produced at the site.

- Alison Howett, Graduate

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**

Length of Course: **4 Years**

DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

In this degree, you will explore life at the molecular level. This will enable you to pursue a career in biomedical and biomolecular science. The Biochemistry & Molecular Biology degree course 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 that can lead to disease. Biochemistry and Molecular Biology form the foundation for understanding all biological processes and occupy a central position in modern biological and biomedical research.

What will I study?

This is a sample pathway for a degree in Biochemistry & Molecular Biology. Topics include structural biology, molecular biology, metabolism and disease, cell signalling and communications, cell biology and biochemistry.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Biochemistry & Molecular Biology · + 2 other Science subjects · Elective modules

Third Year

Biochemistry & Molecular Biology · Elective modules

Fourth Year

Biochemistry & Molecular Biology (includes a research project in diverse areas, such as protein engineering, neurochemistry, cancer studies, the regulation of gene expression, molecular immunology and endocrinology)

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

Graduates in Biochemistry & Molecular Biology can find employment in:

- Pharmaceutical companies
- Biotechnology companies
- Forensic science laboratories
- Hospital and clinical laboratories

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.

International Study Opportunities

Students in their third year have spent time in:

- Ruprechts-Karls-Universität, Germany
- University of Edinburgh, UK
- University of California, San Diego, USA
- University of Chicago, USA

Students in their fourth year have spent time in the University of Copenhagen, Denmark.

Other Courses of Interest:

Cell & Molecular Biology	107
Neuroscience	111
Pharmacology	112
Physiology	113

www.ucd.ie/myucd/bioandmolbio

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CELL & MOLECULAR BIOLOGY

BSc (Hons) (NFQ Level 8)

Cell & Molecular Biology is a rapidly advancing area where amazing new discoveries are being made as you study it, including discoveries by UCD researchers. The course is unique in that you have the option to choose relevant modules from Genetics, Plant Biology, Zoology and Pharmacology. This gives you a broad perspective while modules unique to the course give you more specialised knowledge in areas such as imaging and microscopy. For my five-month hands-on research project, I studied new 3D cell culture methods for hepatic cells. One of the highlights of my time in UCD was being involved in the Biological Society and organising the visit of Sir Paul Nurse, a Nobel Prize winner for his discoveries on how cells divide.

- Mark McDermott, Graduate

Why is this course for me?

Cell & Molecular Biology is the study of cells and the molecules that combine to form them. This includes their physiological properties such as their structure, their interaction with the extra-cellular environment and other cells, their life cycle, division and function, and eventual death. This is done both on a microscopic and molecular level.

Cell biology researches both single-celled organisms such as bacteria, and specialised cells in organisms, such as humans and plants. Microscopy and molecular approaches are used to understand how organisms develop, how they respond to their environment and how the diseased state differs from the healthy state. Knowledge of cell biology is vital to our understanding of disease and infection and in developing new methods to combat these.

What will I study?

This is a sample pathway for a degree in Cell & Molecular Biology. Topics include regulation of gene expression, molecular basis of disease, animal development, plant and animal genetics, and research methods in cell biology.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Cell & Molecular Biology · + 2 other Science subjects · Elective modules

Third Year

Cell & Molecular Biology · Elective modules

Fourth Year

Cell & Molecular Biology (includes a research project in diverse areas such as cancer biology, drug delivery, genetic analysis and molecular imaging).

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

Graduates in Cell & Molecular Biology can find employment in:

- Pharmaceutical and biotechnology industries
- Biomedical research
- Hospital and university laboratories
- Forensic science laboratories
- 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.

International Study Opportunities

Students in this degree stream have the option of participating in a three-month summer internship at the National Science and Technology Development Agency, Bangkok, Thailand. Students in the third year have spent time studying at the National University of Singapore.

www.ucd.ie/myucd/cellandmolecularbiology

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CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Biochemistry & Molecular Biology	106
Neuroscience	111
Medicine	141
Agricultural Science	158

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 am 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

CAO Points Range 2020: **533-625**

Length of Course: **4 Years**

DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

This degree 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?

The degree reflects the integrated multidisciplinary approach required in modern environmental research and ecosystem-based management. Topics include animal diversity and evolution, wildlife and fisheries, ecology and environmental microbiology, environmental impact assessment and biodiversity. This is a sample pathway for a degree in Environmental Biology.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Environmental Biology · + 2 other Science subjects · Elective modules

Third Year

Environmental Biology · Elective modules

Fourth Year

Environmental Biology (includes an Environmental Biology research project that is self-selected to suit students' interests)

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

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
- University researchers and professors.

Graduate opportunities are also available for students to pursue MSc or PhD programmes. Taught MSc programmes at UCD include Applied Science (Environmental Science) and World Heritage Management.

International Study Opportunities

Students in third year have spent time at the following universities:

- University of Auckland, New Zealand
- University of California, Santa Barbara, USA
- University of Melbourne, Australia

Other Courses of Interest:

Cell & Molecular Biology	107
Plant Biology	114
Zoology	115
Agri-Environmental Sciences	159

www.ucd.ie/myucd/environmentalbiology

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I chose to do a degree in Genetics as I find it incredible how our genes are influenced by the way we live and how this interaction can play such a key role in our overall health. Genetics in UCD is excellent at providing the most up-to-date information in the field, from recent discoveries to the latest cutting-edge technologies. One of my personal highlights was the final year research project, which gave me a unique opportunity to gain invaluable lab experience. As Genetics is a cornerstone of all scientific disciplines, a major advantage of the degree is the flexibility it offers in terms of career prospects. I am currently undertaking a PhD at the University of Edinburgh and every day I find myself putting the knowledge and experience I gained at UCD to the best possible use.
- Sarah Kent, Graduate

GENETICS

BSc (Hons) (NFQ Level 8)

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?

This is a sample pathway for a degree in Genetics. Topics include evolution, genetic disease and biotechnology, as well as core modules in biomolecular and biomedical science.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Genetics · + 2 other Science subjects · Elective modules

Third Year

Genetics · Elective modules

Fourth Year

Genetics (includes a research project).

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

Most Genetics graduates work in:

- Hospital laboratories
- Biotechnology, pharmaceutical and genomics companies
- Forensic science laboratories
- Agribiotech and horticulture companies
- 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.

International Study Opportunities

Genetics students in third year have studied in:

- University of Amsterdam, the Netherlands
- University of California, Irvine, USA
- University of Connecticut, USA
- Queen's University, Canada

Genetics students also have the opportunity to carry out their fourth year project at the University of Copenhagen, Denmark.

www.ucd.ie/myucd/genetics

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CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Biochemistry & Molecular Biology	106
Cell & Molecular Biology	107
Microbiology	110
Pharmacology	112

MICROBIOLOGY

BSc (Hons) (NFQ Level 8)

DN200 was the perfect choice for me. This gave me the opportunity to try out a variety of subjects, including Neuroscience, Biochemistry and even Physics, before deciding on my favourite - Microbiology. I am currently working as a QA Food Science associate in a Glanbia dairy and am involved in assurance of the quality of milk from raw milk intake to final product despatch. My analytical style of thinking developed throughout my degree with UCD is vital for my role, working with large sets of data. The programme is two years in length with a rotation for the second year either in a new role or to a new geographical location or both. I would love the opportunity to try R&D as part of my rotation, something different but I'm sure equally as challenging as quality assurance.
- Emma Cullen, Graduate

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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, AIDS, tuberculosis and meningitis. Microbiological research aims to find treatments for these and other infectious diseases.

What will I study?

This is a sample pathway for a degree in Microbiology. Topics include biotechnology, microbes and the environment, medical microbiology and pharmaceutical microbiology.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Microbiology · + 2 other Science subjects · Elective modules

Third Year

Microbiology · Optional Science modules · Elective modules

Fourth Year

Microbiology (includes a research project).

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

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.

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.

International Study Opportunities

A limited number of fourth year projects are available in the Faculty of Pharmaceutical Sciences of the University of Copenhagen, Denmark.

Other Courses of Interest:

Cell & Molecular Biology	107
Neuroscience	111
Pharmacology	112
Physiology	113

www.ucd.ie/myucd/microbiology
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DN200 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)

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?

This is a sample pathway for a degree in Neuroscience. Topics include membrane biology, developmental neuroscience, higher cortical function, synaptic plasticity, sensory neuroscience, as well as core modules in biomolecular and biomedical science.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Neuroscience · + 2 other Science subjects · Elective modules

Third Year

Neuroscience · Elective modules

Fourth Year

Neuroscience (includes a research project in topics such as neurodegenerative diseases, cognition and synaptic plasticity)

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.

Career & Graduate Study Opportunities

As a Neuroscience graduate, you will have the opportunity to obtain employment in:

- Biotechnology and pharmaceutical companies
- Medical research, including drug development and clinical trials
- Hospital and university laboratories
- Neuroscience research institutes
- 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.

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.

www.ucd.ie/myucd/neuroscience

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CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Pharmacology 112
Physiology 113

PHARMACOLOGY

BSc (Hons) (NFQ Level 8)

I chose to study Science because I was passionate about research and the human body. UCD Science's flexible curriculum allowed me to try out a range of modules in first year from Organic Chemistry to Cell Biology. Early in second year I knew I would eventually choose Pharmacology as my degree subject. I'm really interested in the research of drugs and the treatment of diseases. I am currently employed by the National Children's Research Centre where I work alongside Children's Health Ireland (CHI) as a Clinical Research Coordinator. I work as part of a multidisciplinary team of researchers, consultants and nursing staff on both clinical trials and investigator led research studies in cystic fibrosis.

- Courtney Greene, Graduate

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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. In the UCD Pharmacology course, students will have the opportunity to take part in drug development research.

What will I study?

This is a sample pathway for a degree in Pharmacology. Topics include drug kinetics in the body, drug action on body systems, treatment of disease, biomedical sciences, biopharmaceuticals and new drug development.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Pharmacology · + 2 other Science subjects · Elective modules

Third Year

Pharmacology · Elective modules

Fourth Year

Pharmacology (includes a research project in topics such as cancer treatment, cardiovascular disease, neuropharmacology and drug discovery).

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.

Career & Graduate Study Opportunities

Career opportunities for Pharmacology graduates include working in:

- Pharmaceutical companies
- Drug regulatory bodies, such as the Irish Medicines Board
- 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.

International Study Opportunities

International study opportunities in third and fourth years to date have included:

- University of Melbourne, Australia
- University of Washington, Seattle
- University of Copenhaden, Denmark

Other Courses of Interest:

Neuroscience 111
Physiology 113

www.ucd.ie/myucd/pharmacology
Professor Orina Belton
UCD School of Biomolecular and Biomedical Science
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Having come into UCD with no other certainty bar loving biology, DN200 Science really was a great option. I am now a Physiology graduate and am so glad I chose this subject. I believe the level of academic teaching is outstanding and I loved learning how various systems of the body works, including the heart, lungs and kidneys. My final year project was based on the inflammatory responses of spinal cord injury. UCD opened a whirlwind of opportunities for me. I was a Student Ambassador and Science Student Leader and I have acted as a Peer Mentor as well as serving on student society committees. I also spent two summers volunteering in Tanzania with UCD Volunteers Overseas. I am about to start a PhD in New Zealand.

- Celine Camon, Graduate

PHYSIOLOGY

BSc (Hons) (NFQ Level 8)

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?

This is a sample pathway for a degree in Physiology. Topics include neurophysiology, metabolic biochemistry, membrane biology, respiratory physiology and cardiovascular physiology.

First Year

Biology · Chemistry · Physics · Mathematics · Optional Science modules · Elective module

Second Year

Physiology · + 2 other Science subjects · Elective modules

Third Year

Physiology · Elective modules

Fourth Year

Physiology (includes a research project in a laboratory setting).

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

Physiology graduates go on to establish careers in the following areas:

- Biomedical research in the university system or other government-run operations
- Pharmaceutical industry-based research and development
- Clinical trials
- 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 Master's 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.

International Study Opportunities

Physiology students have spent time studying at the following universities:

- San Jose State University, USA
- University of Queensland, Australia.

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**

Length of Course: **4 Years**

DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Pharmacology	112
Biomedical Health & Life Sciences	143

www.ucd.ie/myucd/physiology

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PLANT BIOLOGY

BSc (Hons) (NFQ Level 8)

Placing DN200 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 am currently Vice-Auditor of the UCD Biological Society. Being involved in a society has allowed me to meet other people from various stages and degrees in UCD as well as encounter some incredible scientists. Last year, Nobel Prize laureate Sir Paul Nurse came to UCD to receive our George Sigerson Award for Inspiring Aspiring 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.
- Caroline Dowling, Graduate

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements,
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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?

This is a sample pathway for a degree in Plant Biology. Topics include plant biotechnology, applied plant biology, marine botany, genetics and systems ecology.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Plant Biology · + 2 other Science subjects · Elective modules

Third Year

Plant Biology · Elective modules

Fourth Year

Plant Biology (includes a research project)

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, horticulturalists, foresters or park rangers
- Environmental consultants
- Wildlife, conservation, biodiversity or heritage officers

Graduates are also eligible to pursue MSc programmes in UCD in World Heritage Management and Plant Biology and Biotechnology, in addition to PhD programmes both in Ireland and abroad.

Other Courses of Interest:

Cell & Molecular Biology	107
Microbiology	110
Zoology	115

www.ucd.ie/myucd/plantbiology
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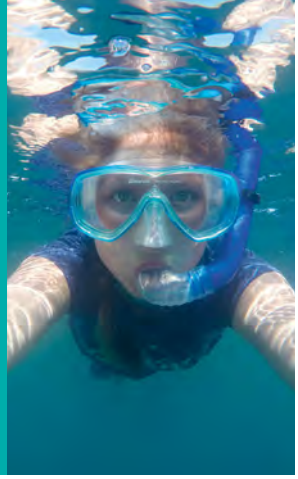
From the moment I walked into UCD, I knew I made the right choice to go back to education, having spent six years travelling in Europe, working with horses as a groom and a rider. When I saw Zoology on the UCD website, it was like love at first sight. A field trip in Spain in third year included learning about the marine diversity present on the rocky shore and what insects and other organisms might lurk in the terrestrial environment of the maquis shrubland. My final year dissertation was on Caribbean long spined sea urchins in Honduras. UCD has shaped me profoundly, awakening an interest in marine biology I never knew I had. Zoology offers a multitude of paths; you just have to find the one that will lead you home.

- Sanni Hintikka, Graduate



ZOOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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. The Zoology degree 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?

This is a sample pathway for a degree in zoology. Topics include animal behaviour, animal development, systems ecology and cell biology.

First Year

Biology · Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Zoology · + 2 other Science subjects · Elective modules

Third Year

Zoology · Elective modules

Fourth Year

Zoology (includes a research project where students work alongside researchers in areas as diverse as animal genetics, evolution, freshwater biology or conservation and biodiversity).

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

Because of 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, BIM 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 at UCD include Applied Science (Environmental Science) and World Heritage Management.

www.ucd.ie/myucd/zoology

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Other Courses of Interest:

Environmental Biology	108
Genetics	109
Agri-Environmental Sciences	159
Animal Science	162

BIOLOGY, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8)
MSc (NFQ Level 9)

I chose an introductory education module as an elective and straight away it piqued my interest. It combines my passion of Biology and Mathematics with the desire to help and interact with people. The level of support and involvement lecturers have with the students is one aspect of this subject that is inspiring as a student teacher. On my placement this year I loved encouraging students to think critically and to analyse scientific observations or mathematical problems. It is such a rewarding role to help boost student's confidence and encourage them to become curious.

- Eimear Delaney, Student

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2020: **533-625**
Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
We recommend that all students in Biology & Mathematics Education should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent.

Other Courses of Interest:

Chemistry, Mathematics & Education	121
Applied Mathematics, Mathematics & Education	132
Computer Science, Mathematics & Education	133
Physics, Mathematics & Education	134

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 course may be for you. It is designed so that from the start, you study biology and mathematics, along with education, in an integrated manner. In third year, you will gain teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor.

The four-year BSc in Biology, 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 post-primary Biology and Mathematics to Higher Level Leaving Certificate Level and Science to Junior Certificate Level.

What will I study?

This is a sample pathway for Biology, Mathematics & Education.

First Year

Biology · Mathematics · Education · Chemistry & Physics · Elective module

Second Year

Biology · Mathematics · Education · Elective modules · Elective module

Third Year

Biology · Mathematics · Education · School placement – one placement in a post-primary school and one placement as a third-level tutor · Elective modules

Fourth Year

Education · School placement · Mathematics

Fifth Year

Education · School placement · Research project

Career & Graduate Study Opportunities

On completion of the BSc, students have guaranteed entry to the MSc in Mathematics & Science Education, provided they have achieved a GPA of 3.08. This is equivalent to a 2.1 Honours.

Placements are integrated into this course from first year. Care is taken to slowly introduce you to placements to enable you to build 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.

www.ucd.ie/myucd/biomathed
Assistant Professor Aoibhinn Ní Shúilleabháin
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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, Student

CHEMISTRY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Chemistry & Chemical Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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?

This is a sample pathway for a degree in Chemistry. Topics include physical, inorganic and organic chemistry, chemistry of materials, instrumental analysis and spectroscopy.

First Year

Chemistry · Mathematics · Optional Science modules · Elective module

Second Year

Chemistry · +1 Science subject · Elective modules

Third Year

Chemistry · Elective modules

Fourth Year

Chemistry (includes a research project).

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 pharmaceutical industry is one of the largest in Ireland, and UCD Chemistry graduates work in the following:

- Analytical roles in laboratories on the synthesis, testing and analysis of active pharmaceutical ingredients, medicines and medical devices.
- Research chemist roles in laboratories in research and development.
- Management and supervisory roles in regulatory affairs, production and validation.

The semiconductor and 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
- 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.

International Study Opportunities

Students have spent time studying at the following universities:

- University of Lund, Sweden
- University of Virginia, USA
- McGill University, Canada
- University of British Columbia, Canada
- University of Colorado at Boulder, USA
- Villanova University, USA

www.ucd.ie/myucd/chemistry

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Other Courses of Interest:

Chemistry with Biophysical Chemistry 118
Chemistry with Environmental & Sustainable Chemistry 119
Medicinal Chemistry & Chemical Biology 120

CHEMISTRY WITH BIOPHYSICAL CHEMISTRY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Chemistry & Chemical Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Chemistry	117
Chemistry with Environmental & Sustainable Chemistry	119
Medicinal Chemistry & Chemical Biology	120

I entered Science DN200 and studied equal parts Biology and Chemistry until I decided to specialise in Chemistry with Biophysical Chemistry. This subject is addressing the need for chemists, in industry and research, to have a proper understanding of biological principles and biophysics to best tackle some of the biggest issues in biomedicine, biotechnology and the environment. I have been on the French Soc and Cumann Gaelach committees, acted and directed in plays with UCD Dramsoc, and a Peer Mentor for Science. People can worry about making friends at UCD, but it ends up almost impossible not to if you take part in student societies and clubs.

- Bronagh McMullan, Student

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. Students graduating with this degree 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?

This is a sample pathway for a degree in Chemistry with Biophysical Chemistry. Topics include: physical, organic and inorganic chemistry; molecular architecture of living matter; self-assembly and functioning of biomolecules; molecular principles of storing and utilisation of genetic information; bio-catalysis and enzymes; modern technologies of supramolecular design; and modern analytical techniques.

First Year

Chemistry · Mathematics · Biology · Elective module

Second Year

Chemistry with Biophysical Chemistry · + 1 other subject · Elective modules

Third Year

Biophysical Chemistry · Chemistry with a range of optional modules in Chemical Biology, Medicinal Chemistry & Molecular Science · Electives · Includes Erasmus opportunities

Fourth Year

Biophysical Chemistry (Research project) · Biophysical Chemistry · Chemistry · Nanotechnology

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-nanotechnolgy
- Bioprocessing
- 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.

www.ucd.ie/myucd/biophysicalchemistry
Associate Professor Vitaly Buckin
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This degree is very applicable in industry as legislation is being introduced that holds industries accountable for the waste they produce. This degree investigates how Chemistry can be used to tackle issues such as global warming, acid rain, water pollution and ozone layer depletion. During my final year, I had the opportunity to carry out research with Dr Tony Keene's research group. This allowed me to hone the techniques I learned in the lab throughout my first three years, as well as giving me a flavour of what postgraduate research involves. After graduating, I moved to London to complete a Research Masters in Green Chemistry and Sustainability at Imperial College London.

- Eimear Madden, Graduate

CHEMISTRY WITH ENVIRONMENTAL & SUSTAINABLE CHEMISTRY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Chemistry & Chemical Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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 is suitable for students who have an interest in the use of chemistry in tackling these urgent problems.

What will I study?

This is a sample pathway for a degree in Chemistry with Environmental & Sustainable Chemistry.

First Year

Chemistry · Mathematics · Biology · Optional Science modules · Elective module

Second Year

Chemistry, Environmental Chemistry (with Geology modules discussing climate change) · + 1 other Science subject · Elective modules

Third Year

Physical, Inorganic & Organic Chemistry with optional modules in Geology and Ecology

Fourth Year

Environmental & Sustainable Chemistry (includes a research project in an aspect of Environmental & Sustainable Chemistry) · Options will include Green Technologies/Chemistry in Energy Generation · Optional Industry Internship module

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

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
- Bord Gáis

Graduates can also pursue a range of MSc or PhD opportunities in Ireland or abroad.

International Study Opportunities

Students have spent time studying at the following universities:

- University of Lund, Sweden
- University of Virginia, USA
- McGill University, Canada

www.ucd.ie/myucd/environmentalandsustainablechemistry

Associate Professor James Sullivan
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Other Courses of Interest:

Chemistry	117
Chemistry with Biophysical Chemistry	118
Medicinal Chemistry & Chemical Biology	120

MEDICINAL CHEMISTRY & CHEMICAL BIOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Chemistry & Chemical Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Cell & Molecular Biology	107
Neuroscience	111
Pharmacology	112
Physiology	113
Chemistry	117

I always enjoyed Chemistry and Biology at Leaving Certificate level but was unsure which to pursue. Through guidance from academic staff and my peers, I decided that Medicinal Chemistry & Chemical Biology would suit my abilities and interests best. Throughout my years at UCD, I have discovered new interests and passions. From my involvement with UCD Juggling Society, captaincy of UCD Athletics Club and work as a Science Student Leader, I have unique experiences and memories that would not have been possible without UCD. After I graduate, I will begin a graduate programme with a major pharmaceutical company, which will hopefully be the beginning of a rewarding and successful career.

- Ruth Comerford, Student

Why is this course for me?

This degree 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'll 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?

This is a sample pathway for a degree in Medicinal Chemistry & Chemical Biology. Topics include metabolic biochemistry, reactivity of biomolecules, principles of pharmacology, chemical biology of natural products and macromolecules.

First Year

Chemistry · Mathematics · Biology · Optional Science modules · Elective module

Second Year

Medicinal Chemistry & Chemical Biology · + 1 other Science subject · Elective modules

Third Year

Medicinal Chemistry & Chemical Biology · Elective modules

Fourth Year

Medicinal Chemistry & Chemical Biology (includes a research project)

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

Graduates of the Medicinal Chemistry & Chemical Biology degree will be equipped with the skills to pursue a career in:

- Pharmaceuticals and
- Food technology companies
- Cosmetic technology companies
- Fine chemical and chemical development
- Patenting

Graduates can also pursue a PhD in Ireland or abroad in areas such as chemistry, chemical biology or medicinal chemistry

International Study Options

Students have spent time studying at the following universities:

- University of Lund, Sweden
- University of Virginia, USA
- McGill University, Canada
- University of British Columbia, Canada
- University of Colorado at Boulder, USA
- Villanova University, USA

www.ucd.ie/myucd/medicinalchemistryandchemicalbiology
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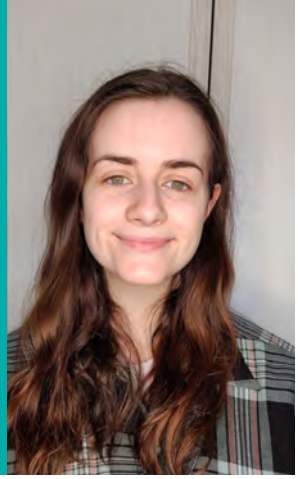
I was attracted to UCD for two reasons: the broad Science DN200 course and the incredibly active clubs and societies. The course coordinators care about your teacher training greatly, providing school placements in Years 3 and 4, and helping you to become an effective teacher. It is deeply rewarding 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



CHEMISTRY, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8) & MSc (NFQ Level 9)

CAO CODE: DN200

Chemistry & Chemical Sciences

CAO Points Range 2020: **533-625**

Length of Course: **5 Years (BSc 4 Years +MSc 1 Year)**

DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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 course may be for you. It's designed so that from the start, you study chemistry and mathematics, along with education, in an integrated manner. In third year, you will gain teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor.

The four-year BSc in Chemistry, 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 Chemistry and Mathematics to Higher Level Leaving Certificate Level and Science to Junior Certificate Level. .

What will I study?

This is a sample pathway for Chemistry, Mathematics & Education.

First Year

Chemistry · Mathematics · Education · Biology & Physics · Elective modules

Second Year

Chemistry · Mathematics · Education · Elective modules

Third Year

Chemistry · Mathematics · Education · School placement – one placement in a post-primary school and one placement as a third-level tutor · Elective modules

Fourth Year

Education · School placement · Mathematics

Fifth Year

Education · School placement · Research project

Career & Graduate Study Opportunities

On completion of the BSc, students have guaranteed entry to the MSc in Mathematics & Science Education, provided they have achieved a GPA of 3.08. This is equivalent to a 2.1 Honours.

Placements are integrated into this course from first year. Care is taken to slowly introduce you to placements to enable you to build 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:

Biology, Mathematics & Education	116
Applied Mathematics, Mathematics & Education	132
Computer Science, Mathematics & Education	133
Physics, Mathematics & Education	134

www.ucd.ie/myucd/chemmathed

Assistant Professor Aoibhinn Ní Shúilleabháin
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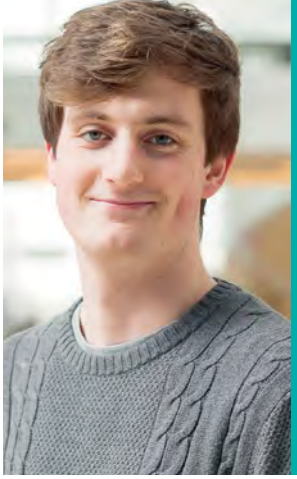
APPLIED & COMPUTATIONAL MATHEMATICS

BSc (Hons) (NFQ Level 8)



The flexibility that DN200 Science offers meant I could explore Mathematics, Applied Mathematics and Physics without committing until I was sure. In second year, I decided that I enjoyed Applied and Computational Mathematics most and it was the best choice for me. I have learned about advanced areas of mathematics and programming and how you can apply them to solve or model real-life problems. I am an active member of the UCD Physics Society, including spending a year as Auditor. The events run by societies are a great way to get involved and get to know other people. After I graduated, I started an MSc in Applied Mathematics at the University of Edinburgh and plan to start a PhD afterwards.

- Aidan Tully, Graduate

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
We recommend that all students in Applied & Computation Mathematics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent.

Other Courses of Interest:

Theoretical Physics 130
Computer Science 136

Why is this course for me?

If you enjoy studying Mathematics for the Leaving Certificate, the UCD degree in Applied & Computational Mathematics 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?

This is a sample pathway for a degree in Applied & Computational Mathematics. Sample topics include dynamical systems and chaos, financial mathematics, fluid dynamics, relativity and quantum mechanics.

First Year

Applied & Computational Mathematics · Mathematics & Statistics · Optional Science modules · Elective module

Second Year

Applied & Computational Mathematics (includes Mathematics and Statistics modules) · + 1 other Science subject · Elective modules

Third Year

Applied & Computational Mathematics (modules include Partial Differential Equations, Mathematical Biology, Metric Spaces, Mathematics of Machine Learning) · Elective modules

Fourth Year

Applied & Computational Mathematics (modules include Advanced Computational Science, Mathematics of Complex Networks, General Relativity & Black Holes, Mathematical Fluid Dynamics, and a two-trimester Research Project with a member of staff)

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

Graduates with training in Applied & Computational Mathematics work in fields as diverse as:

- Analytics and Forecasting
- Energy Systems
- Electronics
- Biomedical applications and bio-information
- Finance
- Pharmaceutical industry
- Environmental agencies and companies
- Computing in business, technology, research and academia

International Study Opportunities

Students may apply to study abroad for a trimester in third year in partner institutions internationally.

www.ucd.ie/myucd/appliedandcomputationalmathematics
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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's 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

FINANCIAL MATHEMATICS

BSc (Hons) (NFQ Level 8)

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, this degree in 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?

This is a sample pathway for a degree in Financial Mathematics. Sample topics include probability theory, statistical modelling, computational finance, fundamentals of actuarial and financial mathematics, advanced corporate finance, risk management and machine learning.

First Year

Statistics · Applied & Computational Mathematics · Mathematics · Optional Science modules · Elective module

Second Year

Applied & Computational Mathematics · Mathematics · Statistics · Finance · 1 other Science subject · Elective modules

Third Year

Financial Mathematics (modules include Advanced Computational Finance, Stochastic models, Corporate Finance) · Elective modules

Fourth Year

Financial Mathematics (modules include Financial and Actuarial Mathematics, Probability Theory, Risk Management)

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

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.

International Study Opportunities

Students may apply to study abroad for a trimester in third year in partner institutions internationally.

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
We recommend that all students in Financial Mathematics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent.

www.ucd.ie/myucd/financialmathematics
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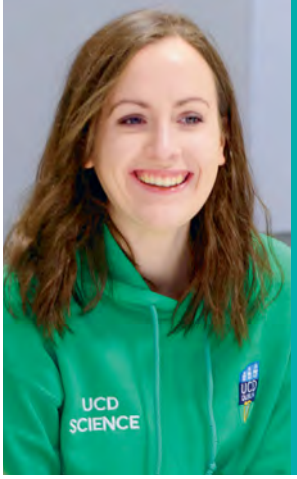
Other Courses of Interest:

Mathematics 124
Statistics 126
Actuarial & Financial Studies 135

MATHEMATICS

THROUGH SCIENCE

BSc (Hons) (NFQ Level 8)



In secondary, school I loved maths. However, University-level maths has a reputation for being unthinkably difficult, and I was afraid that I wouldn't be able for it. However, I found that, although hard work is essential, University Maths certainly is doable. Moreover, it's engaging. There's a great deal more to maths than you ever see in secondary school! The more maths you study, the more interesting it becomes, and some of the courses are really fascinating. Maths requires a lot of critical thinking and rigorous understanding, and the lecturers in UCD encourage this. They are very good at transmitting their enthusiasm to the students. What's really great is that the maths lecturers are approachable, and keen to answer any questions you may have.

- Caitríona Byrne, Graduate

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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 the by the needs of science, technology and commerce, but also by the 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 could be for you.

What will I study?

This is a sample pathway for a degree in Mathematics. As well as the topics below, students have the opportunity to take additional modules in graphs and networks, game theory, financial mathematics, data analysis, the mathematics of machine learning, the history of mathematics and mathematical research.

First Year

Mathematics · Statistics · Applied & Computational Mathematics · Optional Science modules · Elective module

Second Year

Several-variable & Vector Calculus · Linear Algebra · Computational Science · Groups, Rings & Fields · + 1 other Science subject · Elective modules

Third Year

Advanced Linear Algebra · Metric Spaces · Number Theory · Complex Analysis · Cryptography · Measure Theory · Elective modules

Fourth Year

Group Theory · Functional Analysis · Ring Theory · Probability Theory · Combinatorics · Topology · Set Theory · Differential Geometry

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

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 executive and administrative grades
- Coding and cryptography companies
- IT industry
- Meteorology
- 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.

International Study Opportunities

Students may apply to study abroad for a trimester in third year in partner institutions internationally.

Other Courses of Interest:

Theoretical Physics	130
Actuarial & Financial Studies	135
Computer Science	136

www.ucd.ie/myucd/mathematics
Dr Michael Mackey
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I chose to study Mathematics as a joint honours degree in UCD so I could explore a subject, which I am passionate about. Maths can complement any other subject you choose to take, sometimes in surprising ways as it is very logical and technical. The right answer is always the right answer, regardless of who reads it. My overall impression of the maths course is that it's excellent. The classes are interesting, the lecturers are enthusiastic, I'm with like-minded people and I am confident that that I've made the right choice of course. Studying Mathematics will give me a solid foundation to undertake further study or provide me with in-demand skills for future employment in a variety of sectors.

- Alexander Bourke, Student

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 / Coding Theory · 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.

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 (qualifier for the MSc in Mathematical Science) and the HDip and MA in Statistics.

International Study Opportunities

Students may apply to study abroad at international partner universities in Year 3 of the Social Sciences programme.

www.ucd.ie/myucd/ahss www.ucd.ie/myucd/socsc

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CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 Years**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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
- Drama
- English
- French
- Music
- Greek & Roman Civilisation
- Irish
- Irish Folklore
- Italian
- Linguistics
- Statistics
- History

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

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
- Economics
- Geography
- Politics & International Relations
- Information and Communication Studies
- Philosophy
- Sociology

Other Courses of Interest:

Economics, Mathematics & Statistics 63
Economics 66

STATISTICS

THROUGH SCIENCE

BSc (Hons) (NFQ Level 8)

In 6th Year, I didn't really know which course to choose. By picking UCD Science, I got to try out subjects I was curious about, such as Biology and Chemistry, before choosing Statistics. The mix of problem solving, Mathematics and real-world applications in Statistics is ideal for someone with an aptitude for numbers. The data analysis skills I have learned in class are applied to real-world data and are incredibly valuable skills, sought after by employers. It can be fascinating to use modern computer software to extract useful information from what looks like a jumble of data! I've also had great fun taking part in the Science Society's events like charity cycles, mystery tours and the Science ball, as well as becoming a Peer Mentor and going on class trips abroad.

- Eoin Whelan, Graduate

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
We recommend that all students in Statistics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent.

Other Courses of Interest:

Financial Mathematics 123
Actuarial & Financial Studies 135

Why is this course for me?

According to The New York Times, statistics is the number one career for the 21st century. In Ireland, employers can't find enough qualified graduates and now is the time to choose to study for a degree with a great future. Wherever data is collected, statistics and data analytics skills are required. Statisticians develop mathematical models for uncertainty and investigate their properties and applicability. The power of modern computing continues to have a major impact on both the development and applicability of statistical methods in almost every area of science, business and industry.

All of the sciences, especially the biological sciences, have in recent years become more quantitative and the skills gained from studying Statistics in UCD Science complement all of the university's Science degrees. Combining Statistics with a degree in any of the sciences will increase your employability.

What will I study?

This is a sample pathway for a degree in Statistics. Topics may include statistical modelling, probability theory, biostatistics, survey sampling, predictive models, Bayesian statistics, Monte Carlo inference, machine learning, and actuarial statistics.

First Year

Statistics · Mathematics · Optional Science modules · Elective module

Second Year

Statistics · + 1 other Science subject · Elective modules

Third Year

Statistics · Mathematics · Financial Mathematics · Elective modules

Fourth Year

Statistics · Applied & Computational Mathematics · Financial Mathematics

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

Statisticians play a key role in virtually all areas of science and society:

- In the pharmaceutical industry, statistical modelling is vital in developing new drugs
- Statisticians help businesses investigate their customer behaviour to enhance their profitability
- Statistical skills are key in the new emerging areas of bioscience, such as genetics and bio-informatics
- Training in statistical science is valued in many industries such as finance, environmental science, economic analysis, medicine, education, health and social services, and many areas of government

With a Statistics degree, you will be in demand, as more and more employers are seeking to hire statisticians. There has never been a better time to take this degree. There are various opportunities for graduate study in statistics in both taught and research programmes, and a number of our graduates complete further studies.

International Study Opportunities

Students may apply to study abroad for a trimester in third year in partner institutions internationally.

www.ucd.ie/myucd/statistics

Dr Michael Fop
UCD School of Mathematics and Statistics

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Mathematics was always my favourite subject growing up in school. I felt the small parts of statistics that were covered in school gave examples of where problem solving could potentially be used in real world problems. This led me to study Mathematics and Statistics in UCD as my undergraduate degree. During my classes in Statistics, I learnt not only different statistical techniques but also how to compute them through different statistical computer programs such as R. The degree course helped me develop a greater appreciation for the different parts of statistics that led me to also enrol into the MSc in Statistics in UCD after I completed my undergraduate degree.

- Cathal Ryan, Graduate

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 studying Statistics with an Arts and Humanities or Social Science subject, then this degree could be for you.

Wherever data are collected, statistical and data analysis skills are required. Statisticians develop mathematical models for uncertainty and apply them to real data. Statistical models allow us to learn about the underlying processes that give rise to the data. The power of modern computing continues to have a major impact on both the development and applicability of statistical methods in almost every area of social science, science and business.

What will I study?

In first year, you will gain a broad overview of the basic principles of statistical modelling and reasoning, while second and third 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. Statistics as part of a BA can be combined with one of nine subjects, including English and Art History.

BA Joint Honours

Statistics as part of a BA can be combined with one of twelve Arts and Humanities subjects including English, Music, Irish and History.

First Year

Statistical Modelling · Practical Statistics · Calculus · Plus other subject · Elective module

Second Year

Probability · Inferential Statistics · Predictive Analytics · Bayesian Statistics · +1 other subject · Elective modules

Third Year

Time Series Analysis · Statistical Machine Learning · Monte Carlo Inference · Advanced Predictive Analytics · Multivariate Analysis · +1 other subject · Elective modules

BSc Social Sciences Joint Honours

Statistics as part of a BSc can be combined with one of seven subjects, including Economics and Sociology.

First Year

Linear Algebra · Statistical Modelling · Calculus · +1 other subject · Elective module

Second Year

Probability · Predictive Analytics · Inferential Statistics · Bayesian Statistics · Elective modules

Third & Fourth Year

Time Series Analysis · Data Programming · Statistical Machine Learning · Monte Carlo Inference · Advanced Predictive Analytics · Multivariate Analysis · Actuarial Statistics · 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.

Career & Graduate Study Opportunities

More and more employers are seeking to hire statisticians, as they play a key role in virtually all areas of society and science, including:

- Industries such as finance, government, economic analysis, marketing, education, health, medicine, and environmental science.
- Societal research that contributes to understanding economic and social change, informing public policymaking.
- Development of new drugs in the pharmaceutical industry.

Graduates may also pursue further study, including the MA in Statistics, HDip in Mathematical Science (qualifier for the MSc in Mathematical Science) and GradDip in Actuarial Science.

International Study Opportunities

Students may apply to study abroad at international partner universities in Year 3 of the Social Sciences programme.

www.ucd.ie/myucd/ahss www.ucd.ie/myucd/socsc

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CAO CODE: DN520

BA Joint Honours

CAO Points Range 2020: **310-625**
Length of Course: **3 Years**
DN520 Places: **420**

General Entry Requirements
See pages 195 - 203

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

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
- Drama
- English
- French
- German
- Irish
- Linguistics
- Mathematics
- Spanish

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2020: **418-625**
Length of Course: **4 Years**
DN700 Places: **525**

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
- Economics
- Geography
- Philosophy
- Sociology
- Politics & International Relations
- Information and Communication Studies

Other Courses of Interest:

Computational Social Science 62
Economics, Mathematics & Statistics 63

PHYSICS

BSc (Hons) (NFQ Level 8)

I fell in love with Physics after discovering how much I appreciated being able to see what we learned in the classroom work first-hand in the lab. After Second Year I completed my first research internship with the UCD School of Physics. I worked closely with staff to write programs to solve equations describing white dwarf and neutron stars. I found this placement beneficial as it gave me my first taste of real scientific research. I travelled to the University of Notre Dame to undertake summer internship studying radioactive materials' impact on the environment.

- Eimear Conroy, Graduate

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Physics with Astronomy & Space 129
Theoretical Physics 130

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 will develop your knowledge and skills in problem-solving, data analysis, computation and experimental techniques.

What will I study?

This is a sample pathway for a degree in Physics. Topics include relativity, electromagnetism, quantum mechanics, thermal physics, optics and lasers, atomic and nuclear physics, particle physics, condensed matter physics and medical physics. Practical training develops core experimental skills including data acquisition techniques.

First Year

Physics · Mathematics · Optional Science modules · Elective module

Second Year

Physics · + 1 other Science subject · Elective modules

Third Year

Physics · Elective modules · UCD Physics offers research experience to undergraduates

Fourth Year

Physics, (project, core physics and options including general relativity, medical physics, ultrafast photonics, computational biophysics and astrophysics)

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 UCD Physics degree is an accredited Physics degree and recent Physics graduates have pursued careers in the following:

- Energy technology
- Medical physics
- Meteorology
- Advanced materials (e.g. semiconductor industry)
- Geoscience
- ICT and financial industries
- 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.

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, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia

www.ucd.ie/myucd/physics

Associate Professor Emma Sokell
UCD School of Physics

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Choosing to study Science DN200 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've 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

PHYSICS WITH ASTRONOMY & SPACE SCIENCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Physics with Astronomy and 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?

This is a sample pathway for a degree in Physics with Astronomy & Space Science. Physics topics include relativity, electromagnetism, quantum mechanics, thermal physics, optics and lasers, atomic and nuclear physics, particle physics, condensed matter physics and medical physics. Practical training includes core experimental skills and specialised laboratories on astronomical detectors and image processing.

First Year

Physics · Mathematics · Astronomy & Space Science · Optional Science modules · Elective module

Second Year

Physics including Exploring the Solar System · 1 other Science subject · Elective modules

Third Year

Physics including Stellar Astrophysics & Astronomical Techniques · Elective modules

Support is provided for students applying to summer internship programmes, e.g. at ESA. UCD Physics offers research experience to undergraduates, including in the Astrophysics and Space Science research groups.

Fourth Year

Physics including Galaxies and Observational Cosmology. Students participate in a week-long field trip where they gain hands-on experience at a professional observatory.

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 UCD Physics with Astronomy & Space Science is an Institute of Physics-accredited degree 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.

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, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia

Other Courses of Interest:

Physics 128
Theoretical Physics 130

www.ucd.ie/myucd/physicswithastronomyandspacescience

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THEORETICAL PHYSICS

BSc (Hons) (NFQ Level 8)

In first year, I had the opportunity to sample a number of different modules in Physics and Chemistry before eventually choosing Theoretical Physics as my degree. The combination of problem solving, mathematics and real-world examples helped me make my decision. The staff and lecturers in the UCD School of Physics are very helpful and easy to approach and consistently provide a great deal of support to students. I have travelled to CERN in Geneva with the Physics Society, which was a great experience. I also joined the UCD Surf Club where they regularly go on surf trips around Ireland as well as abroad. I travelled with the club to Taghazout in Morocco where I had an amazing time in the sun and met loads of new people outside my degree.

- Ian Smith, Graduate

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Applied & Computational Mathematics 122
Physics 128

Why is this course for me?

The UCD Theoretical Physics degree 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 for their Leaving Certificate. 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 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?

This is a sample pathway for a degree in Theoretical Physics. Topics include electromagnetism, mathematical modelling, mechanics and special relativity, vector calculus, statistical physics, fluid mechanics, computational science, quantum mechanics and nuclear physics, general relativity, and statistical physics.

First Year

Physics · Mathematics · Optional Science modules · Elective module

Second Year

Theoretical Physics · + 1 other Science subject · Elective modules

Third Year

Theoretical Physics (includes Quantum Physics & Electrodynamics, Applied & Computational Mathematics and Mathematics) · Elective modules – UCD Physics offers research experience to undergraduates

Fourth Year

Theoretical Physics (theoretical physics project, core physics, and options including General Relativity, Quantum Field Theory, Applied & Computational Mathematics, Statistical and Particle Physics).

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

Theoretical Physics graduates can choose to develop careers in:

- 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
- 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.

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, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia

www.ucd.ie/myucd/theoreticalphysics

Associate Professor Vladimir Lobaskin, UCD School of Physics Professor Adrian Ottewill, UCD School of Mathematics and Statistics

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I really enjoyed the practical and field trip sessions – there was a lot of engaging hands-on learning. I realised that I really enjoyed the concepts of Geology and I particularly liked visualising what was going on underneath the earth's surface based on the information that was available on the crust. It was like problem solving in 3-D with minimal information, while adhering to scientific belief. This provided a challenging and rewarding thought process, which I extremely enjoyed. I am currently working as an Engineering Geologist with Arup. I use my background in Geology to interpret a wide variety of ground conditions which includes soil and rock mechanics, which helps geotechnical engineers design safe and environmentally sustainable projects.
- Maria Noone, Graduate

GEOLOGY

BSc (Hons) (NFQ Level 8)

Why is this course for me?

Geology is the study of the earth: the nature and origin of materials that make up our planet and the natural material and energy resources it provides. It explores the processes that shape the earth (e.g. climate change, earthquakes, volcanoes and landslides). Geology addresses fundamental questions regarding the structure, age and evolution of the earth, its controlling processes and the history of life. Geology impacts profoundly on many aspects of life and society.

What will I study?

This is a sample pathway for a degree in Geology. Topics include sedimentology, palaeobiology, geochemistry, mineralogy, petrology, geophysics, structural geology, tectonics, earth evolution, earth resources and applied geology. Teaching and learning is through linked lectures, seminars, practical and field classes, with opportunities also for online learning.

First Year

Geology · Mathematics · Optional Science modules · Elective module

Second Year

Geology (includes a residential field course in the west of Ireland) · + 1 other Science subject · Elective modules

Third Year

Geology (includes residential field courses in Ireland and England) · 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

Geology: the year begins with a field-mapping research project, with follow-up research and report completion during the remainder of fourth year. There is a 10-day residential field course, usually held in Spain.

Career & Graduate Study Opportunities

Geology graduates work in areas essential to understanding and protecting the environment, in industries using natural resources and developing infrastructure in roles such as geological surveyors, petroleum and mineral exploration and production geologists, mine geologists, hydrogeologists, oceanographers, geochemists, environmental consultants and engineering and structural geologists.

Graduate programmes include the UCD MSc in Subsurface Characterisation and Geomodelling. Graduates of this MSc course will be equipped with the skills and scientific understanding for a variety of applied geoscience careers. In addition, several UK universities offer MSc courses, in Hydrogeology, Engineering Geology, Oceanography and Mineral Exploration.

Geology as a Minor Subject

Geology 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 Geology as a Minor, select DN700 Social Sciences, choose the Two Subject Combination, then select either Archaeology or Geography with Minor subject – and pick Geology.

www.ucd.ie/myucd/geology

Sarah Procter, School of Earth Sciences Manager
UCD School of Earth Sciences

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CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**
Length of Course: **4 Years**
DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

CAO CODE: DN700

BSc Social Science

Two subject combination

Studying Archaeology **OR** Studying Geography

With one minor subject

Geology

Other Courses of Interest:

Archaeology 65
Geography 67

APPLIED MATHEMATICS, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8) & MSC (NFQ LEVEL 9)

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**

Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**

DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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.

Other Courses of Interest:

Biology, Mathematics & Education	116
Chemistry, Mathematics & Education	121
Computer Science, Mathematics & Education	133
Physics, Mathematics & Education	134

I have always wanted to work with people, and have long been fascinated by the way people learn and think about mathematics. I am also passionate about promoting positive Maths engagement among the wider community. By choosing Mathematics, Applied Mathematics and Education, I was able to continue studying Mathematics while also learning how to best share my enthusiasm for Mathematics with others through teaching. I really like the sense of community that exists across the different streams of the education programme, and the lecturers are always on hand to offer support and guidance. I work as a tutor in the UCD Maths Support Centre, and I enjoy meeting students across UCD and answering their questions.

- Lucy Nyland, Student

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 course may be for you. It's designed so that from the start, you study mathematics and applied mathematics, along with education, in an integrated manner. In third year, you will gain teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor. 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?

This is a sample pathway for Applied Mathematics, Mathematics & Education.

First Year

Mathematics · Applied Mathematics · Education · Elective module

Second Year

Mathematics · Applied Mathematics · Education · Elective modules

Third Year

Mathematics · Applied Mathematics · Education · School placement – one placement in a post-primary school and one placement as a third-level tutor · Elective modules

Fourth Year

Education · School placement · Mathematics & Applied Mathematics

Fifth Year

Education · School placement · Research project

Career & Graduate Study Opportunities

On completion of the BSc, students have guaranteed entry to the MSc in Mathematics & Science Education, provided they have achieved a GPA of 3.08. This is equivalent to a 2.1 Honours.

Placements are integrated into this course from first year. Care is taken to slowly introduce you to placements to enable you to build 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.

www.ucd.ie/myucd/amathed

Assistant Professor Aoibhinn Ní Shúileabháin
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COMPUTER SCIENCE, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8)
& MSc (NFQ Level 9)

Computer Science is a young, exciting discipline that has revolutionised society in only a few decades. Professionals in every walk of life from Art to Zoology can benefit from Computer Science and Mathematics knowledge. How we teach tomorrow's experts can help them benefit the lives of others. Those that can understand and apply computing and mathematical skills effectively, ethically, and safely will help shape society for generations to come. Our Computer Science, Mathematics & Education course provides a solid preparation to put you in the position of educating tomorrow's citizens, providing them with knowledge that will not only improve their lives, but help them improve the lives of others.

- Dr Brett Becker, Faculty

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 course may be for you. It's designed so that from the start, you study mathematics and computer science, along with education, in an integrated manner. In third year, you will gain teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor.

The four-year BSc in Computer Science, Mathematics & Education leads directly to the one-year MSc in 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?

This is a sample pathway for Computer Science, Mathematics & Education.

First Year

Mathematics · Computer Science · Education · Elective module

Second Year

Mathematics · Computer Science · Education · Elective modules

Third Year

Mathematics · Applied Mathematics · Education · School Placement – one placement in a post-primary school and one placement as a third-level tutor · Elective modules

Fourth Year

Education · School placement · Mathematics & Computer Science

Fifth Year

Education · School placement · Research Project

Career & Graduate Study Opportunities

On completion of the BSc, students have guaranteed entry to the MSc in Mathematics & Science Education, provided they have achieved a GPA of 3.08. This is equivalent to a 2.1 Honours.

Placements are integrated into this course from first year. Care is taken to slowly introduce you to placements to enable you to build confidence before teaching a class of pupils.

During the last two years of the course, students complete year-long placements at two diferent 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 is awaiting further accreditation for Computer Science.

Key Fact

The five-year course is fully accredited by the Teaching Council in Mathematics and is awaiting further accreditation in Computer Science.

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.

www.ucd.ie/myucd/compmathed

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CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**

Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**

DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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.

Other Courses of Interest:

Biology, Mathematics & Education	116
Chemistry, Mathematics & Education	121
Applied Mathematics, Mathematics & Education	132
Physics, Mathematics & Education	134

PHYSICS MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8) & MSC (NFQ LEVEL 9)

I believe teaching is a wonderful way to inspire the next generation of scientists and mathematicians. I feel that Physics, Mathematics & Education in Science DN200 is the best degree to achieve this. Not only am I studying physics and mathematics, subjects that I am passionate about, I am also learning how to be a post-primary teacher. At the moment, I am undertaking my first year-long teaching placement. I am really enjoying it because I can apply everything I am learning in lectures to my real-life teaching practice. My favourite thing about the degree, besides the content, is the incredibly supportive environment. All of my lecturers go above and beyond to support us students as we balance the life of a student teacher with UCD life.

- Serena O'Connor, Student

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2020: **533-625**

Length of Course: **5 Years (BSc 4 Years + MSc 1 Year)**

DN200 Places: **420**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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 course may be for you. It's designed so that from the start, you study physics and mathematics, along with education, in an integrated manner. In third year, you will gain teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor.

The four-year BSc in Physics, 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 Physics and Mathematics to Higher Level Leaving Certificate Level and Science to Junior Certificate Level.

What will I study?

This is a sample pathway for Physics, Mathematics & Education.

First Year

Physics · Mathematics · Education · Biology & Chemistry · Elective module

Second Year

Physics · Mathematics · Education · Elective modules

Third Year

Physics · Mathematics · Education · School placement – one placement in a post-primary school and one placement as a third-level tutor · Elective modules

Fourth Year

Education · School placement · Physics & Mathematics

Fifith Year

Education · School placement · Research project

Career & Graduate Study Opportunities

On completion of the BSc, students have guaranteed entry to the MSc in Mathematics & Science Education, provided they have achieved a GPA of 3.08. This is equivalent to a 2.1 Honours.

Placements are integrated into this course from first year. Care is taken to slowly introduce you to placements to enable you to build 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:

Biology, Mathematics & Education	116
Chemistry, Mathematics & Education	121
Applied Mathematics, Mathematics & Education	132
Computer Science, Mathematics & Education	133

www.ucd.ie/myucd/physmathed

Assistant Professor Aoibhinn Ní Shúileabháin
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ACTUARIAL & FINANCIAL STUDIES

BAFS (Hons) (NFQ Level 8)

I chose this course because I have always enjoyed mathematics and problem solving. Applying these skills in the financial world seemed like the most interesting and rewarding opportunity. My favourite aspect of the course is how diverse it is, encompassing areas such mathematics, finance and programming. In Second Year, I had the opportunity to speak at the Society of Actuaries annual convention. We were the first ever university students to speak at the event, which was a wonderful opportunity to gain an insight into the profession. I am currently completing my six-month work placement with an actuarial consultancy firm. I am really enjoying getting to work on a wide variety of projects for different clients while also learning more about the actuarial industry.

- Rebecca O' Mahoney, Student

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 multi-disciplined education in fields such as mathematics, economics, finance, statistics, risk management, psychology and professionalism and ethics. 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 life assurance and pensions industries but are increasingly moving into wider fields, where they can employ their multi-disciplined approach.

The course also opens up options to work in finance, investment and trading.

What will I study?

This is a sample pathway for a degree in Actuarial & Financial Studies. The course is broad and highly multi-disciplined.

First Year

Mathematics · Economics · Statistics · Accounting · Computer Science · Elective module

Second Year

Finance · Statistics · Actuarial Mathematics · Economic History · Elective modules

Third Year

Investment & Trading · Actuarial Statistics · Information Management · Workplace Skills · Six-month professional placement in an insurance and financial institution in Ireland (or in some cases in the UK or USA).

Fourth Year

Financial & Actuarial Maths · Actuarial Statistics · Actuarial Risk Management · Ethics & Professionalism · Elective module

Assessment for each module will vary and may comprise a written exam, multiple choice questionnaire and continuous assessment activities.

Career & Graduate Study Opportunities

Most graduates take positions as actuarial trainees in the following:

- Life insurance
- Pensions
- Health insurance
- General insurance
- 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.

CAO CODE: DN230

CAO Points Range 2020: **601-625**
Length of Course: **4 Years**
DN230 Places: **50**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
None

Mature Entry Route
See www.ucd.ie/maturestudents

www.ucd.ie/myucd/actuarialandfinancialstudies
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Other Courses of Interest:

Economics, Mathematics & Statistics	63
Economics & Finance	82
Financial Mathematics	123

COMPUTER SCIENCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN201

CAO Points Range 2020: **510-625**
Length of Course: **4 Years**
DN201 Places: **115**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
We recommend that all students in Computer Science should have a minimum Grade H4 in Leaving Certificate Mathematics, or equivalent.

Other Courses of Interest:

Commerce	80
Applied & Computational Mathematics	122

In school I was very interested in Maths and problem solving. After I found out more about Computer Science, I realised that it could provide me with an outlet for my love of problem solving with a practical element too. I picked UCD because I liked that their degree had more software elements than others, whilst still remaining balanced. For my Final Year project, I chose to develop a web application called Helping Hand. It connected people with others in their locality to get help with small favours such as asking for a drop of milk. After graduating I took up a position with Deloitte Ireland in their consulting department after previously completing an internship with them. Since then I've worked on different delivery teams in a large public sector client primarily in a full stack development role.
- Clíodhna Connolly, Graduate

Why is this course for me?

Do you ever wonder how Google, Skype, Internet banking 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 be for you.

What will I study?

Topics include advanced software engineering, theory of computer science, networks, security and the underlying mathematics behind logic and formal software. Students learn programming languages such as Java; software development tools and methodologies such as Git; web technologies such as JavaScript; and Big Data programming techniques. Students will use different operating systems.

First Year

Computer Science · Mathematics · Elective module

Second Year

Computer Science · Mathematics · Elective modules

Third Year

Computer Science · Five-month internship or software engineering project · Elective modules

Fourth Year

Computer Science · Computer Science project

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

A UCD Computer Science degree equips you with the necessary skills to work as a computer programmer, software engineer or architect, database designer, web developer, network engineer, systems administrator or manager, and IT consultant. Some graduates also go on to start their own companies. 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.

International Study Opportunities

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.

My UCD Computer Science degree provided me with the essential skills I need for my career as a software development engineer in Test in Microsoft.

- Siobhan Dunne, Software Development Engineer at Microsoft

www.ucd.ie/myucd/computerscience
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Growing up I loved taking things apart, understanding how they worked and the challenge of putting them back together. I loved Mathematics in school and studying Computer Science has given me an outlet to apply these problem-solving skills. I had an opportunity to gain a better understanding of my strengths and interests, which led me into opting for Computer Science with Data Science. A degree in data science provides endless career opportunities and studying in UCD makes it all the more enjoyable. UCD's elective modules have given me the ability to extend my love for sport to an academic level, completing modules in exercise and performance. As a GAA scholar, UCD has given 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 Range2020: **510-625**
Length of Course: **4 Years**
DN201 Places: **115**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
We 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 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?

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, Networks & Internet Systems, Data Science in Python, Data Mining, Information Visualisation, and Programming for Big Data.

First Year

Computer Science · Mathematics · Elective module

Second Year

Computer Science · Mathematics · Elective modules

Third Year

Computer Science · Data Science · Five-month internship or software engineering project · Elective modules

Fourth Year

Computer Science · Data Science (includes a research project)

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

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 Facebook
- 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) or the MSc Digital Forensics and Cybercrime Investigation.

International Study Opportunities

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.

www.myucd.ie/computer-science-data-science
Dr Derek Greene
UCD School of Computer Science
computerscience@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Other Courses of Interest:

Theoretical Physics 130
Actuarial & Financial Studies 135
Computer Science 136

HEALTH SCIENCES

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Health & Performance Science	152
Sport & Exercise Management	153

STUDYING UCD MEDICINE

YEAR 1 — Engage with the principles

Fundamentals of Medicine

- Physical Sciences
- Genetics
- Foundations of Patient Centered Care
- Cellular & Human Biology

YEAR 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

YEARS 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

YEARS 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)

Shape your career with UCD Medicine

- HOSPITAL CONSULTANT: Medicine, Surgery, Paediatrics, Obstetrics, Psychiatry, Radiology, Anaesthesia
- GENERAL PRACTITIONER
- PUBLIC HEALTH DOCTOR
- ACADEMIC CLINICIAN

Doctor

Internship / Residency

Specialise through UCD graduate study

Master's MD (Research) & PhD

Translational Research MD, PhD, MSc, MCh:

- Vascular Disease & Diabetes
- Infection & Inflammation
- Biological Imaging

Continue to develop your professional career with UCD

Clinical attachments have been the most enjoyable aspect of my medical degree, as this is where we put theory to practice, and gain a deeper understanding of patient care. We gain experience in a wide variety of specialist teaching hospitals around Dublin, and I was fortunate to complement this core clinical training with elective placements abroad in Austria, New Zealand and the USA. Though the course is challenging, there is still time to get involved with UCD's student societies and sports clubs in the early years. The School of Medicine also offers a wide range of extra-curricular opportunities for students, ranging from supervised research projects to inter-disciplinary summer schools abroad.

- Sinead Mulroy, UCD Ad Astra Scholar, Graduate

MEDICINE

MB, BCh, BAO (Hons)
(NFQ Level 8)

Why is this course for me?

Our 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 100 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. 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

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.

www.ucd.ie/myucd/med
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CAO CODE: DN400

CAO Points Range 2020: **555-625**
HPAT Score Range 2020: **171-218**
Combined Range 2020: **736-783**
Length of Course: **6 Years****
DN400 Places: **90**

**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 195 - 203

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

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 196

Other Courses of Interest:

Science	103
Biomedical Health & Life Sciences	143
Radiography	144
Physiotherapy	151

MEDICINE (GRADUATE ENTRY)

MB, BCh, BAO (Hons)
(NFQ Level 8)

CAO CODE: DN401

GAMSAT Score Minimum 2020: **58**
Length of Course: **4 Years**
DN401 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 196

Other Courses of Interest:

Diagnostic Radiography (Graduate Entry) 145
Veterinary Medicine (Graduate Entry) 177

I wanted to work clinically and I applied for Graduate Entry Medicine. I knew the facilities and academic staff in UCD were excellent, so I put UCD GEM as my number one. The GEM programme is a compact but comprehensive course and is open to students from all backgrounds; many of my class came from non-science degrees. The School of Medicine's unparalleled alumni network provides unique opportunities for international studies in both Lab Research and Clinical electives. Over two successive summers, I won scholarships offered by the School to carry out research in the University of Pennsylvania and a clinical elective in Lankenau Hospital, Philadelphia. This programme is very sociable, and I have made friends for life.

- Dr Naomi Smith, Graduate

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 100 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; and 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.

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.

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 8-week supervised laboratory, clinical or medical education projects 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.

www.ucd.ie/myucd/med
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Biomedical Health & Life Sciences is a course that has exceeded my expectations. With a wide range of classes available to me, I was able to delve into my particular area of interest, which is the field of cancer. Outside of classes, I had the opportunity to carry out summer electives and a 12-week research project with a PI to expand my knowledge and enhance my learning.

The four years spent at UCD studying this course have been invaluable to me, and I now feel well equipped to enter into the world of medical research with the ultimate goal of treating human diseases!

- Phoebe Ting, Student

BIOMEDICAL HEALTH & LIFE SCIENCES

BSc (Hons) (NFQ Level 8)

CAO CODE: DN440

CAO Points Range 2020: **589-625**

Length of Course: **4 Years**

DN440 Places: **40**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening
See page 196

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. You will learn how scientifically driven investigations can advance our knowledge of disease prevention, detection and treatment. The course will immerse you in modern medical and biological sciences and focus on the application of scientific developments. 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

Typically, graduates will follow scientific 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.

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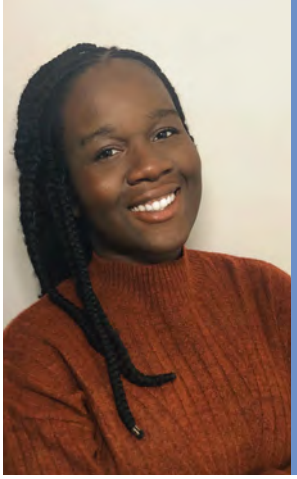
Other Courses of Interest:

Science	103
Medicine	141
Physiotherapy	151
Veterinary Medicine	176

RADIOGRAPHY

BSc (Hons) (NFQ Level 8)



I've really enjoyed the Radiography programme so far. The lecture-based trimesters are challenging but it all comes full circle once you meet patients on placement. Radiography has given me a strong medical knowledge base and insights into the healthcare system that I'm convinced I could've only received by doing this course. I'm also coming out of this degree with extremely versatile skills that I'm sure will stand to me in the long term.

- Blessing Folayan, Graduate

CAO CODE: DN410

CAO Points Range 2020: **531-625**
Length of Course: **4 Years**
DN410 Places: **99**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 196

Other Courses of Interest:

Medicine 141
Physiotherapy 151

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

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 modules

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 tests, continuous assessment, report writing and oral presentations.

Professional Work Experience

Radiography will first be demonstrated 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 one of our 18 clinical training centres across Ireland.

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.

International Study Opportunities

Erasmus opportunities exist in fourth year, where you may spend a three-month period in one of our current partner institutions in Austria, Belgium, Finland, Greece, the Netherlands, Norway, Malta, Portugal, Slovenia, Sweden and the UK. Further elective opportunities, including to the USA, are available at various stages within the course

Key Fact

Both radiography courses are recognised by CORU, the Irish Health and Social Care Professionals Regulatory Body, as approved programmes.

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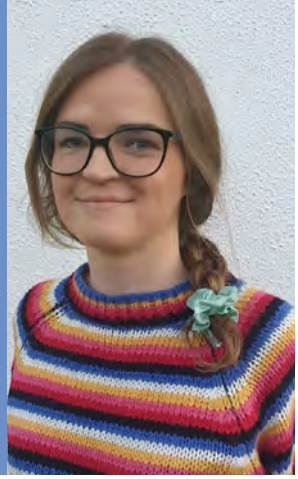
Instagram/Facebook/Twitter: @MyUCD

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 develop 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, Student



DIAGNOSTIC RADIOGRAPHY (GRADUATE ENTRY)

BSc (Hons) (NFQ Level 8)

CAO CODE: DN411

Length of Course: **2.5 Years**
DN411 Places: **20**

General Entry Requirements
See www.myucd.ie/radiograhygradentry

Health Screening & Garda Vetting
See page 196

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 the accelerated radiography course supports a robust learning of basic sciences and incorporates a wide range of radiography training that has been developed with respect to 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.

Students will be taught by our dedicated team of over 25 lecturers and clinical training will be enhanced by the inclusion of our new 'state of the art' virtual reality training equipment and our X-ray suite facilities on site, in UCD.

What will I study?

Throughout this course you will undertake modules in Technology of Radiography, Practice of Radiography and Clinical Practice of Radiography.

First Year

Anatomy · Physiology · Practice of Radiography · Technology of Radiography · Radiology IT systems · Evidence Based Practice

Second Year

Radiation Protection · Paediatric Radiography · Computed Tomography · Ultrasound · Magnetic Resonance Imaging · Nuclear Medicine · Mechanisms of Disease · Image interpretation · Mechanisms of Disease · 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, and enquiry-based learning in the classroom and in the clinical departments.

Assessment methods include practical skills-based exams, image-based assessments, continuous assessment, report writing, oral presentations, and written examinations.

Professional Work Experience

Radiography will first be demonstrated 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. Early clinical exposure, in your first 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.

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.

International Study Opportunities

There will be the possibility for students to undertake international elective opportunities at various stages within the programme.

www.ucd.ie/myucd/rad
diagnostic.imaging@ucd.ie
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Other Courses of Interest:

Medicine 141
Physiotherapy 151

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	Clinical Practice — 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 (12 weeks)		
Nursing or Midwifery Science		
Clinical Practice — 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 am a 2nd year Nursing student in UCD. Undertaking this degree was a big decision for me. Returning to education aged 40 with 3 children in school, I had a lot to juggle. It was a daunting task but the support available in UCD made it possible and thoroughly enjoyable. Online platforms provide excellent tools and resources and the provision of a writing and maths centre make it easy to get help when I need it. The lecturers are very friendly and are always readily available and willing to help. The mature student group is fantastic, we support each other every step of the way and I have made friends for life. I am loving my time in UCD.

- Caoimhe Guilfoyle, Student

NURSING (GENERAL)

BSc (Hons) (NFQ Level 8)

CAO CODE: DN450

CAO Points Range 2020: **421-555**

Length of Course: **4 Years**

DN450 Places: **167**

General Entry Requirements
See pages 195 - 203

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

Health Screening & Garda Vetting
See page 196

Why is this course for me?

Are you empathetic and reliable, a team player with good communication skills and an analytical, problem-solving mind? If so, 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 professional nurse who can 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 and tutorials are delivered on our Belfield campus, while practice placements will enhance your learning and develop your nursing skills.

Modules include:

First Year

Scholarship of Enquiry · Foundations of Nursing · Biosciences · Psychology · Practice experience in a hospital setting for approximately 10 weeks

Second & Third Year

Medical-Surgical Nursing Care · Pharmacology · Aging & Health · Ethical & Legal Context for Practice · Specialist clinical placements such as intensive care and maternity care

Fourth Year

Preparing for Internship · Health, Psychology & Sociology . Management & Quality Improvement · Evidence-Based Practice in Healthcare · Clinical placement/internship

Assessment is through a combination of end-of-trimester exams and continuous assessment, including assessment of performance on clinical placements.

Professional Clinical Experience

Clinical 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 Irish East Hospital Group (IEHG) network.

These clinical placement locations are centres of excellence, where you will work with multidisciplinary teams to provide first-class, 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.

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 medical and surgical 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, master's and doctorate level.

International Study Opportunities

In second year, you have the opportunity to study in Europe for a trimester.

See **www.nmhs.ucd.ie/study-with-us/erasmus.**

* Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.

Other Courses of Interest:

Medicine	141
Nursing (Children's & General)	148
Nursing (Mental Health)	149
Midwifery	150

www.ucd.ie/myucd/nursing

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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 2020: **499-601**
Length of Course: **4.5 Years**
DN451 Places: **42**

General Entry Requirements
See pages 195 - 203

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

Health Screening & Garda Vetting
See page 196

Why is this course for me?

Are you drawn towards helping adults and children, and making a difference to their lives while they're ill? Are you empathetic, resilient, reliable and a good communicator? Do you have an analytical, problem-solving mind? If so, this is the ideal career choice for you.

What will I study?*

Modules of theory are followed by clinical placements. Experienced lecturers and practitioners will facilitate your learning in a friendly and supportive environment, where you attend lectures, workshops and tutorials in our state-of-the-art facilities on Belfield campus. Clinical placements will help you to develop the required clinical competencies.

Modules include:

First Year

Scholarship of Enquiry · Scientific Principles · Foundations of Nursing · Psychology · Interpersonal Skills · Practice experience in a hospital setting for approximately 10 weeks

Second & Third Year

Caring for Children & Adults with Medical-Surgical Problems · Pharmacology · Applied Social Science · Patient Safety & Microbiology · Specialist clinical placements include maternity care and caring for people with an intellectual disability

Fourth Year

Health & Well-being – A Sociological Context for Nursing · Leadership, Management & Quality Improvement · Preparation for Professional Role · Clinical placement/internship

Assessment is through a combination of end-of-trimester exams and continuous assessment, including assessment of performance on clinical placements.

Professional Work Experience

The majority of clinical learning takes place in our affiliated partner hospitals, all of which are national specialist centres of clinical excellence: Children's Health Ireland at Crumlin, the Mater Misericordiae University Hospital, St Vincent's Healthcare Group, and in numerous other clinical sites within Dublin-based Health Services and within the Ireland East Hospital Group.

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, Master's and PhD level.

International Study Opportunities

You may have the opportunity to study in a choice of European locations for a trimester between stages 2 and 4.

See www.nmhs.ucd.ie/study-with-us/erasmus.

* Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.

Other Courses of Interest:

Medicine	141
Nursing (General)	147
Nursing (Mental Health)	149
Midwifery	150

www.ucd.ie/myucd/nursing

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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 clinical 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)

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.

Caring for others requires you to learn how to care for yourself; we will support your learning through instruction in mindfulness, self-awareness and reflection skills.

You will also learn from Professors, Researchers, Lecturers, Registered Psychiatric and other Nurses who work across mental health and associated specialist services in the Dublin and wider East Coast region.

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

Scholarship of Enquiry · Foundations of Mental Health Nursing · Scientific Principles · Psychology & Communication · Nursing practice experience in mental health services for 11 weeks.

Second & Third Year

Health Promotion · Ageing & Health · Pharmacology & Specialist Clinical Placements such as Forensic Psychiatry · Substance Misuse · Dual Diagnosis: Mental Health & Intellectual Disability · Child & Adolescent Psychiatry · Including a module in General Nursing. Further clinical placements will also occur each year.

Fourth Year

Leadership and Management · Evidence-based Practice in Healthcare · Clinical Placement/Internship · Preparation for the Professional Role.

Assessment is through a combination of end-of-trimester exams and continuous assessment, including assessment of performance on clinical placements.

Professional Clinical Experience

Clinical Placements, which form a significant part of the courseare 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.

Career & Graduate Study Opportunities

You will have the opportunity to work as a Registered Psychiatric Nurse to consolidate your learning and further develop your knowledge and expertise. You can later specialise and practice as a Clinical Nurse Specialist in a wide array of areas including for example: Child and Adolescent Psychiatry, Addictions, Recovery, Eating Disorders, Rehabilitation and Psychiatry of Later Life.

International Study Opportunities

In second year, you have the opportunity to study in Europe for a trimester. See www.nmhs.ucd.ie/study-with-us/erasmus.

* Please Note: Curriculum may be subject to change in line with NMBI Midwifery Registration Programmes Standards and Requirements.

www.ucd.ie/myucd/nursing

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CAO CODE: DN453

CAO Points Range 2020: **393-529**
Length of Course: **4 Years**
DN453 Places: **26**

General Entry Requirements
See pages 195 - 203

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

Health Screening & Garda Vetting
See page 196

Other Courses of Interest:

Medicine	141
Nursing (General)	147
Nursing (Children's & General)	148
Midwifery	150

MIDWIFERY

BSc (Hons) (NFQ Level 8)

My name is Amy and I am in my fourth year of BSc Midwifery. This course gave me the opportunity to work with the largest maternity hospital in Ireland, the National Maternity Hospital Dublin, where I have gained invaluable experience on placement. UCD's personal tutors, lecturers and other members of staff supported and guided me through the four-year degree and my placements on clinical practice. On campus in lecture halls, classrooms and labs I learnt the theoretical knowledge and skills needed while having access to all of UCD's excellent facilities and being part of its community here in Belfield. I enjoyed my time here and couldn't have imagined going anywhere else. I'd recommend anyone considering midwifery to choose UCD.
- Amy Ashe ,Student

CAO CODE: DN452

CAO Points Range 2020: **473-531**
Length of Course: **4 Years**
DN452 Places: **21**

General Entry Requirements
See pages 195 - 203

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

Health Screening & Garda Vetting
See page 196

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 · Clinical Placement

Fourth Year

Research, Leadership & Management · Obstetric Emergencies · Enhancing Knowledge & Clinical Skills for Midwifery Practice · Clinical Placement/Internship

Assessment is through a combination of end-of-trimester exams and continuous assessment, including assessment of performance on clinical placements.

Professional Work Experience

Clinical 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 clinical 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 master's 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:

Medicine	141
Nursing (General)	147
Nursing (Children's & General)	148
Nursing (Mental Health)	149

www.ucd.ie/myucd/nursing

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I chose the BSc Physiotherapy degree mainly due to my interest in sports and sporting injuries. However, I quickly realised how much more the course had to offer. Throughout the four years, you will learn a range of skills applicable to becoming a practising physiotherapist, across a range of fields. The course is very student oriented, and staff are continuously encouraging feedback from students to improve the course. Students are provided with the opportunity to work with sports teams, events and with a range of patients with a large variety of disabilities and impairments. I would highly recommend this course to anyone.

- Huw Rees, Student

PHYSIOTHERAPY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN420

CAO Points Range 2020: **568-625**

Length of Course: **4 Years**

DN420 Places: **56**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Graduate Entry Route
See www.myucd.ie/applying-to-ucd/physiogradentry

Health Screening & Garda Vetting
See page 196

Why is this course for me?

This course leads to one of the most rewarding careers in healthcare, as a Physiotherapist. Physiotherapy is the study and application of the scientific knowledge and professional skills required for the promotion of optimal health and well-being of adults and children through physical means. In addition to UCD-based learning, you will spend over 1,000 hours on supervised clinical education in hospitals and clinical centres throughout Ireland and abroad (optional). UCD's full-time BSc Physiotherapy degree will appeal to students who enjoy science and caring for people.

What will I study?

This is an overview of the modules in the course, progressing 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, Cardio-respiratory Neurological Physiotherapy · Clinical Exercise · Physiotherapy Clinical Education

Fourth Year

Professional Physiotherapy Practice · Physiotherapy in the Clinical Specialties · Physiotherapy Clinical Education · Pharmacology · Legal Medicine · Physiotherapy Research · Elective modules

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.

A wide variety of assessment methods is used, including continuous assessment, reflective writing, practical examinations, oral examinations, presentations and end-of-trimester written papers.

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.

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.

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 above).

Key Fact

The full-time UCD BSc Physiotherapy degree course is approved by CORU, the State Health and Social Care Regulator.

www.ucd.ie/myucd/physio
UCD Physiotherapy
physio.therapy@ucd.ie
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Other Courses of Interest:

Medicine	141
Biomedical Health & Life Sciences	143
Nursing (General)	148
Health & Performance Science	152
Sport & Exercise Management	153

HEALTH & PERFORMANCE SCIENCE

BSc (Hons) (NFQ Level 8)

The BSc Health & Performance Science degree laid a strong foundation for me to pursue a career in high-performance sport as a sports scientist. There was a strong emphasis on both individual and practical group work in the course that challenged my ability to think critically and work collaboratively. The degree acted as a catalyst for me to pursue further education in UCD in the forms of a Prof Dip, MSc and PhD. To this day, I still have great connections with former students, lecturers and mentors from my time in UCD.

- Peter Tierney, Graduate

CAO CODE: DN425

CAO Points Range 2020: **507-578**
Length of Course: **3 Years**
DN425 Places: **40**

General Entry Requirements
See pages 195 - 203

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
None

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

This Level 8 Bachelor of Science degree course produces graduates who pursue careers across a variety of settings, including high performance sport, clinical professions (e.g. physiotherapy, dietetics, medicine) and scientific research in sport and health sciences. Students develop a range of skills at the interface of science, sports performance and health across the lifespan.

What will I study?

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

Third Year

Behaviour Change · Sports Injury Management · Skill Acquisition · Statistics · Practical Case Study · Molecular Exercise Science · Research Thesis

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.

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.

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 can find employment in:

- 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.

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.

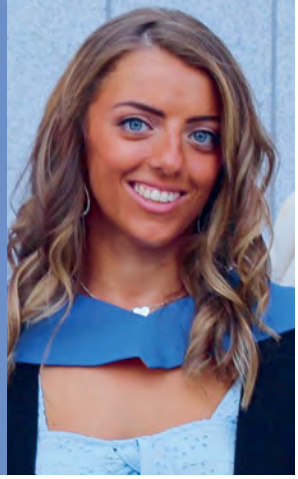
Other Courses of Interest:

Biomedical Health & Life Sciences	143
Physiotherapy	151
Sport & Exercise Management	153

www.ucd.ie/myucd/sportperformance
UCD Institute for Sport and Health
performance.science@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

The course is well-structured and organised. I developed my interpersonal skills through group projects, interactive classes, social events and much more! The course has equipped me to be an effective manager in the sports industry, while also preparing me for further studies. There are a wide range of opportunities for further studies from business-related disciplines like marketing to performance-related disciplines. I really enjoyed the course and highly recommend it. (Zoe was the student with highest GPA and recipient of the Professor Conal Hooper Medal in 2019.)

- Zoe Connolly, Student



SPORT & EXERCISE MANAGEMENT

BSc (Hons) (NFQ Level 8)

CAO CODE: DN430

CAO Points Range 2020: **433-520**
Length of Course: **3 Years**
DN430 Places: **40**

General Entry Requirements
See pages 195 - 203

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
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 196

Why is this course for me?

The multidisciplinary nature of the BSc in Sport & Exercise Management equips students 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?

The course offers a progressive pathway for students to specialise in second and third year. Modules include:

First Year: Learn Basic Principles

Sports Development · Theory of Coaching · Sports Legislation · Sports Marketing · Financial Management · Sports Management · Introduction to Exercise Science

Second Year: Apply Knowledge

Event Management · Economics of Sport · Sport/Health Psychology · Strategic Planning · Human Resource Management · Digital Sport Marketing

Students specialise in one of the following:

Player Development & Welfare · Psychology of Sport & Health · Application of Coaching Science

Work Placement

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 employment prospects upon graduation.

Third Year: Develop Experience

Exercise & Public Health · Research Methods for Sport · Professional Skills for Sport Managers · Communication & Media in Sport

Students study both core modules and their selected specialisation. They 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.

Students spend an average of 40 hours per week attending lectures, studying independently and preparing for assessment.

A combination of end-of-trimester exams, research papers, group projects, presentations, practical experiences and in-class tests are used throughout this course.

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

Further education opportunities are available on MSc and other graduate programmes.

International Study Opportunities

Sport & Exercise Management students can apply to study abroad for a trimester in the USA, Australia or New Zealand, through one of the Sport & Exercise exchange agreements.

www.ucd.ie/myucd/sportperformance
UCD Centre for Sports Studies
sports.studies@ucd.ie
Instagram/Facebook/Twitter: @MyUCD

Other Courses of Interest:

Social Policy & Sociology	74
Commerce	80
Physiotherapy	151
Health & Performance Science	152

BELFIELD

AGRICULTURE, FOOD & NUTRITION

Agricultural Science	158
Agri-Environmental Sciences	159
Agricultural Systems Technology	160
Animal & Crop Production	161
Animal Science	162
Animal Science – Equine	163
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Dairy Business	165
Food & Agribusiness Management	166
Food Business with Chinese Studies	167
Forestry	168
Horticulture	169
Food Science	170
Human Nutrition	171

Feeding and caring for a growing population, energy provision and the protection of the environment are among the greatest global challenges facing society today. These are areas where UCD Agriculture, Food & Nutrition graduates play a central role. If you are passionate about land, the animals and plants living on it and the food produced from it, you will thrive in any of our degrees.

Why UCD Agriculture, Food & Nutrition?

Agriculture and Food is Ireland's largest indigenous industry and is one that continues to show considerable growth, with great potential into the future.

The UCD School of Agriculture and Food Science is ranked number one in Ireland and is placed twenty-fourth globally and fifth in Europe, based on the latest U.S. News & World Report 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.

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. These sectors include: 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.

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.

Your First Year Experience

In your first year, we provide a range of supports to ensure your transition to university life is as smooth as possible. A comprehensive induction and orientation programme, Peer Mentoring, dedicated Student Advisers, committed Programme Directors and School Staff underpin our reputation for being the most friendly and close-knit community in UCD. Supports and initiatives such as the Maths Support Centre, tutorials, laboratories and continuous assessment are designed to assist you along the way.

Each of our 14 entry routes has a similar first year, designed to give you a strong foundation in the core sciences, maths and economics needed for the rest of your studies.

You will also have an opportunity to take one or more introductory modules from any of our courses in first year, providing you with an insight into the subsequent stages of each degree available within UCD Agriculture, Food & Nutrition. This is particularly beneficial for Agricultural Science (DN250) students, who choose their preferred degree at the end of first year.

Find out more:
UCD Agriculture, Food & Nutrition Virtual Tour

STUDYING UCD AGRICULTURAL SCIENCE

YEAR 1 — Explore your options

Biology	Chemistry	Maths	Physics

Agricultural Science Optional Modules

YEARS 2, 3 & 4 — Choose 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 Master's of Science (MSc)

- Agricultural Extension & Innovation
- Animal Bioscience
- Environmental Resource Management
- Food Business Strategy
- Food, Nutrition & Health
- Horticulture
- Humanitarian Action
- Sustainable Agriculture & Rural Development
- Wildlife Conservation & Management

Doctor of Philosophy (PhD)

Research & Academia

Shape your career with UCD Agriculture, Food & Nutrition

Nutritionist	Marketing Manager
Teacher	Journalist
Accountant	Business Manager
Farm Manager	Technical Sales Manager
Horticulturist	Communications Manager
Geneticist	Banker, Stockbroker

Food Safety Inspector	Technical Engineer
Quality Assurance Officer	Policy Analyst
Agricultural Consultant	Production Manager
Agricultural Inspector	Food Technologist
Data Analyst	Microbiologist

Scientist	Government Official
Researcher	Development Officer
Principal Investigator	Project Manager
Lecturer	County Heritage Officer
Professor	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**

AGRICULTURAL SCIENCE

BAgrSc (Hons) (NFQ Level 8)

Celebrating Success: Students from the UCD School of Agriculture & Food Science receiving their medals at the school awards ceremony, which celebrates over seventy student scholarships, prizes and medals awarded annually.

CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

Leaving Cert Subject Entry Requirements
- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- You can only apply for DN250 ONCE. If successful, you will be guaranteed a place in the degree option applied for.

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

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Agri-Environmental Sciences	159
Animal Science	162
Dairy Business	165
Forestry	168
Horticulture	169

Why is this course for me?

If you are interested in Agricultural Science but are not yet certain of which area 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. If you receive an offer on the Agricultural Science programme, you will be guaranteed a place in any of the eleven specialisations from second year. If, on the other hand, you know which of the following areas you would like to specialise in, you can select one of these areas on your CAO application. The degree specialisations offered are:

- 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

Students interested in progressing to the Food Business with Chinese Studies degree must undertake three Chinese language modules by the end of year one.

What will I study?

All our degrees have a similar first year, designed to give you a strong foundation in the core sciences, maths and economics needed for the rest of your studies. Science modules are taught on the basis that you have not studied the subject before.

First Year

Core subjects include: 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, Third & Fourth Year

You specialise in one of the course areas listed above and detailed on the following pages.

Students spend an average of 40 hours a week attending lectures, tutorials and laboratory-based practicals, and undertake independent study.

A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

BAgrSc graduates have an excellent record in obtaining challenging and fulfilling roles. Careers in sectors such as food, agriculture, business and services include:

- Enterprise management
- Technical service and consultancy
- Research
- Education
- Marketing and communications
- Primary production of quality food and fibre products

You can also pursue a wide range of graduate studies by research or examination (Master's and PhD) in areas such as:

- Environmental resource management
- Humanitarian action
- Rural development
- Business
- Information Technology
- Education

Higher and graduate diplomas are also available.

Professional Work Experience (PWE) & International Study Opportunities

PWE is an integral part of the degree 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.

There are opportunities to study abroad for one trimester during third year, in universities in Australia, New Zealand, Europe and the USA, among others.

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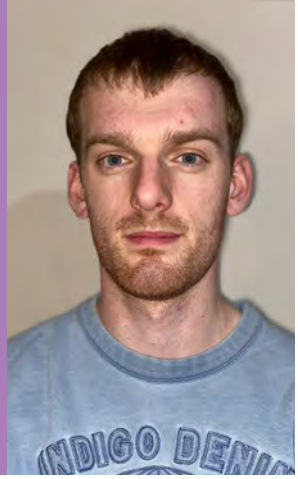
AGRI-ENVIRONMENTAL SCIENCES

BSc (Hons) (NFQ Level 8)

During my time at UCD I have had the opportunity to complete modules ranging from crop science and soil science to wildlife management and nutrient management. This diversity in learning leads to a very varied and interesting course. A highlight of the course for me was the practical field trip to The Burren, Co. Clare in second year. Not only is this an enjoyable social experience, but it also allows you to gain practical experience working in an important and rare habitat. This course also includes a sixteen-week PWE placement, where you get the opportunity to gain valuable experience with leading employers. The recent emphasis around biodiversity and climate makes Agri-Environmental Sciences a promising course for any student.

- Fergal Scully, Student



Why is this course for me?

This degree focuses on sustainable management of natural resources (soils, water, air, plants, animals, landscapes) within the context of agriculture and other land-based industries, and protection of the rural environment for future generations. This specialist applied science degree will equip you for a career at the interface between production agriculture and environmental protection, by giving you:

- An understanding of rural environmental issues in Ireland, the EU and globally.
- A detailed knowledge of sustainable agriculture and land management practices.
- The skills to contribute to farming and land-use industries, as either a scientist, advisor, consultant, planner or policymaker.
- First-hand experience of agri-environmental research as a basis for further studies.
- Interpersonal and professional skills required in a wide range of career paths.

What will I study?

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 including Land Use & the Environment.

Second Year

Focuses on the principles of crop and animal production and applied agri-environmental sciences. Modules include: Ecology · 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. management of soils, nutrients, pests, diseases), while you learn practical field and lab based skills e.g. landscape analysis using GIS. You will also 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.

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.

Professional Work Experience (PWE) & International Study Opportunities

A 16-weeks period of structured PWE takes place in third year. Assisted by a dedicated lecturer, students arrange the placements themselves, on a farm and with an environmental agency or company. 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 including:

- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia

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CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Agricultural Science	158
Animal & Crop Production	161
Forestry	168
Horticulture	169
City Planning & Environmental Policy	194

AGRICULTURAL SYSTEMS TECHNOLOGY

BSc (Hons) (NFQ Level 8)

I chose the Agricultural Systems Technology (AST) course, as I have always had a keen interest in not only farming but engineering, technology, and understanding why things do what they do. The course is a great way to understand the background of our farming practices and how we can use technology to improve them further. The course is small and close-knit, which means you know everyone, and it makes classes very enjoyable. AST has given me so many opportunities, including studying abroad at Queensland University in Australia. I completed my PWE with Self Help Africa, where I worked on projects where technology is used to create better farming practices for third world country farmers. With the way the world is changing and growing, I think studying AST is the way forward.
- Claudia McCormick, Student

CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

This course is aimed at students who wish to build their knowledge and skills-base to address the complexities of developing, deploying and managing technology for the agriculture sector. With a focus on design, numeracy and technology, our students will be committed and engaged with farming and food production, and specifically with technology, to enhance efficiency, sustainability and reliability. Technologies of interest range from computer systems, networks, data management and sensors, through machinery systems to 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.

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.

International Study Opportunities

There are opportunities to study abroad for one trimester in third year. Possibilities include:

- University of California, USA
- University of Queensland, Australia
- Michigan State University, USA
- Kansas State University, USA
- Purdue University, USA

Other Courses of Interest:

Agricultural Science	158
Agri-Environmental Sciences	159
Crop Science	164
Dairy Business	165
Forestry	168
Engineering	182

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Growing up on a dairy farm, I have always been interested in studying Agricultural Science at UCD. I chose the omnibus route on my CAO application as it allowed me to defer selecting my course specialisation until mid-way through first year. PWE in third year is an eye-opening experience and it allows you to put into practice what you have learnt in University and explore what career you might like in the future. A big part of my experience at UCD involved sport. I played Fitzgibbon Hurling with UCD, which is a huge honour and is something I will cherish forever. Through playing sport, I met many people that I would never have met otherwise and I have had some great times.

- Niall Heffernan, Student

ANIMAL & CROP PRODUCTION

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

This degree gives you a broad knowledge of the science and business of both animal and crop production and their interactions in a constantly changing environment. You will develop:

- Knowledge of the growth, development and improvement of farm animals and crops.
- Knowledge of the agribusiness industry.
- The capacity to formulate economical and sustainable animal and crop production systems.
- The capacity for lifelong learning so you remain informed of evolving technical, economic and regulatory frameworks.
- Communication and IT skills.

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.

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 Master's and PhD level are available.

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 including:

- Lincoln University, New Zealand
- Iowa State University, USA
- Texas A&M University, USA
- Purdue University, USA
- Michigan State University, USA
- Cornell University, USA

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Other Courses of Interest:

Agricultural Science 158
Agri-Environmental Sciences 159
Animal Science 162
Crop Science 164
Dairy Business 165

ANIMAL SCIENCE

BAgrSc (Hons) (NFQ Level 8)

When it came to filling out my CAO, I knew my heart was set on Agricultural Science and with UCD being the top ranked university in the country in this subject my choice was clear. The academia at the UCD School of Agriculture and Food Science are excellent, with many lecturers being world leaders in research and innovation. One of the best parts of the learning at UCD is the laboratory based practicals held in the O'Brien Centre of Science, Rosemount Environmental Research Station and UCD Lyons Farm. They give an excellent hands-on learning approach. I was fortunate throughout my time at UCD to have been involved in many extra-curricular activities including AgSoc, the school Equality, Diversity and Inclusion Committee and UCD GAA.
- Ciara Ryan, Student

CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

At the core of Animal Science is the study of the applied sciences that are fundamental to understanding how animals function and that underpin the principles of livestock production. This degree will give you an appreciation of:

- The growth and development of domestic farm animals and animal behaviour and welfare.
- Animal production systems and how the components are integrated and managed in an environmentally friendly and sustainable manner.
- The livestock industry in Ireland, the context in which it operates and its relationship to animal industries in Europe and worldwide.

What will I study?

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

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 require project work.

Career & Graduate Study Opportunities

A range of opportunities exists, including:

- Animal feed industry
- Procurement, processing and marketing of animal products
- Education
- Consultancy
- Farming and enterprise management
- Journalism

Graduate research opportunities exist at Master's and PhD levels.

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 take a trimester abroad. Possibilities include:

- University of Illinois, USA
- Kansas State University, USA
- University of Queensland, Australia
- Michigan State University, USA
- Purdue University, USA

Other Courses of Interest:

Agricultural Science	158
Animal & Crop Production	161
Crop Science	164
Dairy Business	165
Veterinary Medicine	176

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Having grown up surrounded by horses choosing Animal Science-Equine at UCD was a given for me. During my four years at UCD I have learnt about the theoretical and practical aspects of the equine industry through lectures and field trips. I took lectures in exercise physiology, nutrition and genetics given by leading academics who are passionate about the topic. Outside of the classroom I enjoyed engaging in college life and was an active member of AgSoc, RacingSoc and the Equestrian Club. I completed my PWE in third year with the world-renowned trainer Aidan O'Brien in Ballydoyle where I gained practical experience and an insight into the tremendous work and passion that goes into creating a successful racehorse.

- Megan Sheedy, Student

ANIMAL SCIENCE EQUINE

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2020: **453-601**

Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Animal Science – Equine focuses on the applied sciences that underpin animal and veterinary biosciences, with emphasis on the horse. The degree provides the scientific knowledge and transferable skills necessary for professional leadership roles within many aspects of the animal and equine science industries. You will learn about:

- The growth and development of farm animals, how they function and their behaviour and welfare.
- The equine industry in Ireland, its global context and entrepreneurial opportunities.
- Equine health, reproduction, genetics, breeding, nutrition and exercise physiology.
- Advances and future directions in research with emphasis on equine genetics and reproduction.

What will I study?

You will study the basic sciences at the start, which are complemented by specialist modules in:

First & Second 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 · Genetics & Biotechnology · Animal Nutrition · Equine Industries

Third & Fourth Year

Equine Anatomy & Physiology of Exercise · Equine Genetics · Equine Reproduction · Equine Nutrition · Farm Business Management · Equine Health & Husbandry

Animal practicals are delivered at UCD Lyons Farm, where excellent teaching and research facilities exist. Anatomy classes are conducted at UCD's Veterinary Hospital, while exciting research programmes in equine and animal science support the taught elements.

Students' time is spent primarily attending lectures and undertaking independent study. In most modules, this also involves attending practical sessions, laboratory workshops and/or tutorials.

A combination of continuous assessment (class quizzes, MCQ tests, presentations), research projects and end-of-trimester examinations are used.

Career & Graduate Study Opportunities

In addition to the career opportunities available to Animal Science graduates (see page 162), 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 Master's and PhD opportunities in Europe and the US.

Professional Work Experience (PWE) & International Study Opportunities

A five-month PWE placement is integral to your degree and is an invaluable learning and networking opportunity. Exciting options include placements on stud farms in the Kentucky Bluegrass region, Japan, Australia, top show-jumping yards in Ireland and the US, and with Tattersalls Ireland and Horse Sport Ireland.

There are also opportunities to participate in the Study Abroad Programme in third year.

- University of Illinois, USA
- Texas A&M University, USA
- Iowa State University, USA
- Purdue University, USA
- University of Queensland, Australia
- Cornell University, USA

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Other Courses of Interest:

Agricultural Science	158
Animal Science	162
Crop Science	164
Dairy Business	165
Veterinary Medicine	176

CROP SCIENCE

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Agricultural Science	158
Agricultural Systems Technology	160
Animal & Crop Production	161
Animal Science	162
Veterinary Medicine	176

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

Why is this course for me?

Agronomy is the science of crop production and soil management, leading to improvements in crop yield and quality. Environmental challenges, production of biofuels, and the growing demand for major food crops like wheat and rice, make agriculture and crop science a vital subject for our future well-being. You will learn about the science, production and management of crops, from genes and cells through to fields, farms and the development of future crops from subject experts who are active researchers in the most rapidly developing area of agriculture and agri-business.

What will I study?

First year concentrates on developing the basic sciences, before the focus moves to more applied sciences.

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 require project work.

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 master's and PhD level are available.

International Study Opportunities

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
- Texas A&M University, USA
- Purdue University, USA
- Michigan State University, USA
- Cornell University, USA

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The Dairy Business course combines both business and management elements while also having a strong focus on agricultural topics such as nutrition and genetics. As part of my PWE, I spent 20 weeks in New Zealand on an 1100-cow farm. I was fortunate to be awarded an industry sponsored travel bursary, which contributed towards some of the travel costs. For the second trimester of third year, we were based in Teagasc Moorepark where we were lectured by some of the top dairy researchers globally. The opportunity to be mentored by progressive, high class farmers to develop grassland management skills and to obtain an insight into their business, imparting the knowledge and skills they gained, makes this course unique.

- Mary Kate Condren, Student

DAIRY BUSINESS

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range2020: **453-601**

Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

The Irish dairy industry is in a time of significant change, following the abolition of EU milk quotas on March 31, 2015. This change brings significant challenges and opportunities for young, highly skilled graduates from the Dairy Business course. This degree is designed to equip future leaders of the dairy industry with the scientific, technical and business skills needed to cope with this business and enterprise expansion.

What will I study?

First & Second Year

You start with a range of business, science, mathematics and technology-related modules. You then build on this scientific base by taking a range of modules in relevant applied sciences, as well as business and communications-related modules.

Third & Fourth Year

In June of second year, you will undertake technical management of a dairy farm at Teagasc, Kildalton Agricultural College.

This is followed by Professional Work Experience (PWE) placement in the dairy industry from July to December.

For trimester two of third year, you study at Teagasc, Moorepark in areas including:

- Grassland Management & Nutrition
- Dairy Systems
- Applied Breeding & Fertility
- Herd Health
- Dairy Business Project

In fourth year, you will consolidate your understanding of earlier modules and pursue a range of business and science modules.

Students spend an average of 40 hours a week, including: lectures and tutorials; laboratory and practical workshops; and independent study.

Assessment varies but involves a combination of projects, continuous assessment and end-of-trimester examinations. Assessment of PWE involves monthly reports, a final report and an interview, upon completion.

Career & Graduate Study Opportunities

In addition to the highly skilled role of dairy farm management, opportunities exist in a wide variety of areas including:

- Research
- Animal feed industry
- Banking
- Teaching
- Consultancy

Research opportunities to Master's and PhD level are available.

Professional Work Experience (PWE)

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.

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Other Courses of Interest:

Agricultural Science	158
Animal & Crop Production	161
Animal Science	162
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Crop Science	164
Food & Agribusiness Management	166

FOOD & AGRIBUSINESS MANAGEMENT

BAgrSc (Hons) (NFQ Level 8)

I chose the Food and Agribusiness Management course at UCD as I was interested in both business and agricultural science. PWE and the opportunity to study abroad played a big part in my decision to choose this course. I completed my PWE with a specialist food and agribusiness consultancy company. This was a brilliant experience, allowing me to see first-hand the scale of agribusiness projects being undertaken around the world. The highlight of the course for me was the opportunity to travel. I spent the first trimester of third year in Cornell University in upstate New York, for which I received a Student Exchange Scholarship. The experience of studying at this Ivy League University is something I will never forget.

- Daniel Traas, Student

CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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 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, while also taking care of the natural environment. The four-year degree 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 jobs both within and outside the agri-food sector.

What will I study?

You will study core science subjects in first year, and then develop your agribusiness knowledge with specialist modules.

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

Management · Business Law · Economics · Biostatistics · Options in Animal, Crop, Food & Environmental Sciences

Third Year

Financial Planning & Control · Food Chain Integrity · Econometrics · Spreadsheets · Professional Work Experience (PWE)

Fourth Year

Enterprise Development & Strategy · Agricultural Policy · Farm Business Management · Communications · Marketing · Research Project · Agri-Taxation

Students spend an average of 40 hours a week attending lectures and tutorials, participating in laboratory-based practical classes and undertaking independent study.

A combination of end-of-trimester written examinations and innovative continuous assessment is used. In your final year, you will prepare a project on a specific agribusiness research topic of your choice.

Career & Graduate Study Opportunities

Our graduates have an excellent record of finding employment in various sectors, including:

- Food processing
- Food distribution and marketing
- Financial services
- Consultancy services
- 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.

International Study Opportunities

You will spend the second trimester of your third year 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:

- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia
- Purdue University, USA
- Lincoln University, New Zealand

Key Fact

Graduates of this degree have reached senior positions as chief executives, business owners, plant managers, marketing managers and media editors.

Other Courses of Interest:

Agricultural Science	158
Animal & Crop Production	161
Animal Science	162
Animal Science – Equine	163
Crop Science	164
Food & Agribusiness Management	166

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I am currently a second-year student studying Food Business with Chinese Studies at UCD. I chose this course as I have a keen interest in the Chinese language, culture, and business. China is a major opportunity market for Irish food products, and I believe the skills acquired on this course will be highly desirable by future employers. The Confucius Institute at UCD is a state-of-the-art facility for learning Chinese in Ireland. The class sizes are small and personal, and you get the opportunity to meet many different students from across the University. The food business aspect of the course is delivered by the UCD School of Agriculture and Food Science. The highlight of the course is in third year where you get to study at Renmin University, Beijing.

- Luke Greene, Student

FOOD BUSINESS WITH CHINESE STUDIES

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2020: **453-601**

Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Language Recommendations
Chinese speakers at HSK6 or native speaker standard are not eligible for Chinese language.

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.

Why is this course for me?

The Food Business with Chinese Studies course reflects the changing market landscape, and aims to develop graduates with the skills and talent urgently required by the Irish food industry.

With Brexit and the uncertainty involving the UK market, export expansion to the emerging markets has critical strategic importance to the Irish food industry and the overall economy.

The changing market landscape requires improved foreign language capability of Irish companies to facilitate access to new markets, and to help sustain and strengthen the modern agri-food and agribusiness companies.

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-oriented courses).

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 · Chinese Language Experience · Elementary Written Chinese · Elementary Spoken Chinese

Second Year

Business Management · Business Law · Applied Economic Analysis · Financial Planning & Control · Soil Science · Intermediate Spoken Chinese 1 & 2 · Intermediate Written Chinese 1 & 2 · Option 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 limited 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 and 2 · Chinese Economy · Doing Business in China · Option 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 reference to China.

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Other Courses of Interest:

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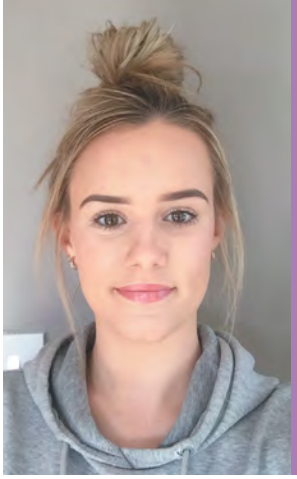
Dairy Business	165
Food & Agribusiness Management	166
Horticulture	169
Food Science	170

FORESTRY

BAgrSc (Hons) (NFQ Level 8)



The Forestry course at UCD offers a wide range of both practical and academic modules. This combination of learning provides a fun and interactive experience which makes the course thoroughly enjoyable. The PWE opportunity on this course provides students with leading practical experience from within the forestry sector and allows you to apply the skills you have learned in the classroom in the real world. Throughout the first two years you are provided with a high calibre of core science modules which give you a great foundation.The forestry industry in Ireland is growing and the demand for graduates in this field is increasing each year. As a result of my experience in UCD, I would highly recommend anyone who was thinking of choosing this course to do so.

- Emma Reilly, Student

CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Forestry is the science, art and practice of managing forests. Forestry in Ireland operates under the paradigm of 'Sustainable Forest Management'. This requires foresters to seek to achieve a balance across all the productive functions of our forests – economic, social and environmental.

The UCD Forestry degree provides the scientific knowledge and transferable skills to ensure our graduates contribute positively to the ongoing expansion of the Irish forestry sector.

Forestry students will:

- Learn about managing forest systems for the production of timber, renewable energy, carbon sequestration, biodiversity, adaptations for climate change, wildlife management, biodiversity, soil and water protection.
- Gain skills in forest planning, remote sensing, the use of geographical information systems and forest modelling.
- Develop the capacity for life-long learning that enables them to stay abreast of developments in policy, technology and the sciences that underpin forestry practice.

What will I study?

A broad science-based first year is followed by forestry-focused topics in subsequent years. Fourth year is largely project-based and allows students to combine all of their accumulated skills and knowledge, while further developing their ability to communicate effectively.

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

Tree Structure & Function · Principles of Forestry · Professional Forestry Practice · Soil Science · Business Management · Agricultural Botany · Elective modules

Third Year

Forest Management · Forest Protection · Silviculture · Forest Harvesting · GIS & Remote Sensing · Forest Inventory & Sampling · Elective modules · Professional Word Experience (PWE)

Fourth Year

Forest Inventory & Management Plan · Experimental Design · Forest Planning · Forest Policy & Law · Scientific Research Project · Elective modules

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 master's and PhD levels is available.

Professional Work Experience (PWE) & International Study Opportunities

Forestry students complete four months' PWE and are encouraged to gain experience in various aspects of forestry both in Ireland and abroad. In third year, a number of forestry students have studied for a trimester in:

- Michigan State University, USA
- University of Vermont, USA
- Iowa State University, USA

Other Courses of Interest:

Agricultural Science	158
Agri-Environmental Sciences	159
Horticulture	169
Food Science	170

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I have loved my time at UCD. I chose the Horticulture course because of my love of the outdoors and nature. You study a wide range of subjects from all the general sciences to the more horticulture-based subjects such as landscape management, food production and sportsturf management. The highlight of my time at UCD was my PWE where I got to put my theory-based knowledge into practice. I was honoured to receive a UCD Excellence in PWE Award. I would recommend this course to anyone who enjoys working within the natural environment and leading an outdoor lifestyle. During my time completing this course, I developed a keen interest in sustainability and design and I look forward to developing this further in my future career.

- Stuart Gordon, Student

HORTICULTURE

BAgrSc (Hons) (NFQ Level 8)

Why is this course for me?

Our world faces immense challenges; climate change, mass migration from the countryside to mega cities, food shortages, excess consumption, food waste and pollution. Through the sustainable cultivation of plants and an increase in plant-based diets, many of these challenges can be overcome. Plants provide the oxygen we breathe, the food we eat, our shelter and medicines. This course covers the sciences, environmental studies, business, management and communication skills related to growing food and non-food plants. You will also study the science behind developing and maintaining Ireland's designed landscapes, golf courses, tennis courts and sport pitches. The objectives of this degree are to give you:

- Knowledge of the growth, development and protection of plants, and use of plants for food, leisure, sports, social and environmental benefits.
- An understanding of horticultural plant production systems and how their components are integrated and managed in an environmentally friendly and sustainable manner.
- The skills to become a competent, competitive and confident leader who will excel in the national or global horticulture community as a professional horticulturist or horticultural scientist.

What will I study?

You will study core science subjects in first year, and then develop your horticulture knowledge with specialist modules.

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

Management · Soil Science Basics · Plant Ecology · Plant Biology · Fundamentals of Horticulture · Health, Welfare & Safety in Agriculture

Third Year

Plant Protection · Pests · Soil Science Applications · Plant Diseases: Biology & Control · Landscape, Trees & Shrubs · Professional Work Experience (PWE)

Fourth Year

Food Production: Mushrooms, Fruits, Vegetables etc & Post Harvest Physiology · Enterprise Development & Strategy · Research Project · Nursery, Garden Centre & Retail Horticulture · Professional Communications

Students spend an average of 40 hours a week attending lectures, tutorials and laboratory practicals, participating in industry site visits, field and greenhouse workshops, and undertaking independent study and research.

Assessment includes continuous assessment (e.g. class tests, essays) and end-of-trimester written examinations. In your final year, assessments are largely based on the project reports.

Career & Graduate Study Opportunities

This degree maintains strong links with the horticulture industry. Career opportunities include management, technical advisory, consultancy, research, quality assurance and sales or marketing positions, working for companies or within your own business. Opportunities also exist in state, semi-state, EU and international organisations. Your transferable skills will also make you highly employable in other industries. Master's and PhD degrees are also available.

Professional Work Experience (PWE) & International Study Opportunities

All or part of your five-month PWE in third year can be taken abroad, with possibilities including Japan, New Zealand, Australia, USA, Britain and Europe. Studying abroad for one trimester is also a popular option for many students.

- Cornell University, USA
- University of Queensland, Australia
- Lincoln University, New Zealand

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CAO CODE: DN250

CAO Points Range 2020: **453-601**
Length of Course: **4 Years**
DN250 Places: **267**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

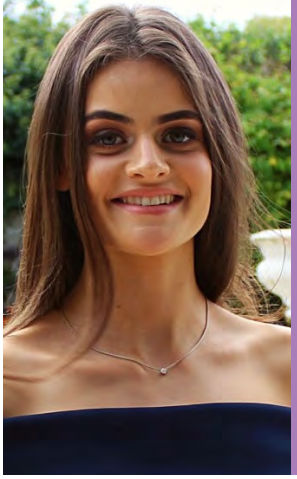
Mature Entry Route
See www.ucd.ie/maturestudents

Other Courses of Interest:

Agricultural Sciences	158
Agri-Environmental Sciences	159
Forestry	168
Food Science	170
Landscape Architecture	193

FOOD SCIENCE

BSc (Hons) (NFQ Level 8)



After researching the Food Science course at UCD I instantly knew this was the course for me. What stood out was how broad the course is. I have studied chemistry, physics, microbiology and more specific subjects such as food ingredients, sensory analysis and food processing technology. A unique feature of the course is that it is very practical. I have had lots of opportunity to apply through lab work the theory I learnt in the lectures. My favourite module was Product Development. Each group is tasked with developing a new product ready for market, which involved presenting commercially to a panel of experts. This was such a beneficial experience as it gives a real sense of what a potential career in the food industry might be like.

- Nicola Barton, Student

CAO CODE: DN261

CAO Points Range 2019: **476-589**
Length of Course: **4 Years**
DN261 Places: **46**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Accredited By:

Why is this course for me?

Food Science develops your scientific knowledge of how to produce high-quality, safe and nutritious foods for the global market. As a food scientist, you will have a role to play in all aspects of the food chain, from production at farm level to the retailer and to the consumer.

What will I study?

First Year

Focuses on the core sciences of physics, biology, chemistry and mathematics. There is also an Introduction to Food, Diet & Health module to give a flavour of later stages of your degree.

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 · 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.

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.

Career & Graduate Study Opportunities

Graduates have excellent employment prospects with national and international companies in:

- Production management
- Nutrition
- Food quality and safety
- Sales and marketing
- New product development and research

There are also excellent graduate study opportunities available.

Professional Work Experience (PWE) & International Study Opportunities

Five months PWE in the food industry in third year is an integral part of the degree. Students are also encouraged to take a trimester abroad and participate on the Study Abroad Programme. Possibilities include:

- Michigan State University, USA
- Purdue University, USA
- Kansas State University, USA
- University of California, Davis, USA
- University of Queensland, Australia
- Cornell University, USA.

Other Courses of Interest:

Agricultural Science	158
Food & Agribusiness Management	166
Food Business with Chinese Studies	167
Horticulture	169
Human Nutrition	171

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I chose Human Nutrition because of my fascination with nutrition and its interaction with the human body. Class sizes are small and I feel students really benefit from this. There are plenty of labs and tutorials, and great support from lecturers. I recommend joining lots of societies and sports clubs as well as enjoying the lovely lakes and walks that the campus has to offer. I became the auditor for the nutrition society in final year, which was an excellent experience. The highlight of the course for me was PWE, which I completed at Danone. This placement gave me a great insight into food business whilst focusing on nutrition, which I loved. This experience has helped my narrow my focus with regards to further study or career prospects.

- Aleksandra Mezynska, Student

HUMAN NUTRITION

BSc (Hons) (NFQ Level 8)

CAO CODE: DN262

CAO Points Range 2020: **531-589**
Length of Course: **4 Years**
DN262 Places: **33**

General Entry Requirements
See pages 195 - 203

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
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 198

Accredited By:

AfN ACCREDITED PROGRAMME
ACCREDITATION NO: AC211

Why is this course for me?

Nutrition – the interaction between food and health – is becoming increasingly important in society. This degree covers many aspects of nutritional sciences, from biochemistry to molecular and public health nutrition, and also includes topics such as nutrition communication and food regulatory affairs. Upon graduating, you will be able to apply your knowledge to many different areas of the food and health industry.

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), final year focuses on specific areas of human nutrition.

First & Second Year

Core material (chemistry, biology, nutritional biochemistry) · Nutrients & the Role of Nutrition in Lifestages · 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.

Career & Graduate Study Opportunities

Graduates have found employment in:

- The food industry
- Nutrition research
- Health promotion

You can also train as a public health nutritionist through further study and/ or applied practice. A number of students also progress to postgraduate taught study each year with the MSc in Clinical Nutrition & Dietetics programme at UCD a particularly popular option.

Building a healthy world is a core strategy for UCD and the internationally recognised research groups in food and health have resulted in substantially increased recruitment into PhD and MSc (research) posts.

Professional Work Experience (PWE) & International Study Opportunities

A 10-month PWE programme allows you to graduate with the skills necessary to enter the working world.

Opportunities for international study exist through the PWE component and, upon graduation, through world-class research groups in international universities.

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:

Medicine	141
Health & Performance Science	152
Agriculture Science	158
Horticulture	169
Food Science	170

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VETERINARY MEDICINE

Veterinary Medicine	176
Veterinary Medicine (Graduate Entry)	177
Veterinary Nursing	178

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 and European accreditation, it has 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

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

Master's (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)

Studying Veterinary Medicine in UCD is something that I had dreamed of. The actual course content, including the material we learn and practical skills we gain, is what I was most looking forward to and this definitely has lived up to my expectations! However, what I didn't anticipate and appreciate is the genuine sense of community and friendship in the Veterinary Building that exists among classes, across year groups and between staff and students alike. We are one massive faculty family and every day, it feels like I am at home. The opportunities open to us while studying veterinary in UCD are endless from assisting lambing on Irish farms, working in spay clinics in countries like India or carrying out research projects in California.

- Maria Lagan, Student

CAO CODE: DN300

CAO Points Range 2020: **589-625**

Length of Course: **5 Years**

DN300 Places: **82**

General Entry Requirements
See pages 195 - 203

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 15 hours practical experience relevant to animal handling between 1st February 2019 and 7th July 2022. 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

Level 5/6 QQI-FET
None

Graduate Entry Route
See www.myucd.ie/vetmedgradentry

Mature Entry Route
None

Other Courses of Interest:

Medicine	141
Biomedical Health & Life Science	143
Agricultural Science	158
Animal Science	162

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:

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.

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.

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.

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Over the last two years at UCD, I had the immense privilege of learning from world-class faculty specialising in every discipline of veterinary medicine imaginable. This exposure embodied UCD's mantra 'Ad Astra' (which is Latin for 'to the stars') as it showed me that there is no limit to the potential you can achieve with your veterinary degree. I was particularly captivated with the concept and ground-breaking research of One Health Medicine and I am delighted to have the opportunity to pursue research in that field this summer. All of that, coupled with the available student support, really demonstrated the holistic approach taken by our program, as it not only allowed me to receive an excellent education, but it also emphasized the importance of resilience and wellbeing within the veterinary profession.

- Fiona Sahyoun, Student

VETERINARY MEDICINE (GRADUATE ENTRY)

MVB (Hons) (NFQ Level 8)

CAO CODE: DN301

Length of Course: **4 Years**

DN301 Places: **6**

Entry Requirements

See www.myucd.ie/vetmedgradentry

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 Master's 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.

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Other Courses of Interest:

Medicine (Graduate Entry) 142

VETERINARY NURSING

BSc (Hons) (NFQ Level 8)

It has been a long road to get to the point that I am now and as I approach the final year at UCD, I can look back and see how far I have come to becoming a qualified veterinary nurse. I entered UCD as a mature student and the amount of help and support that I have received from both the university and the veterinary school's student support has been astounding. The time that I spent here has been both inspirational and rewarding, from the time spent at lectures to the hands-on practical skills I have gained. The experiences and connections that I have will only continue to grow and develop throughout my career. I am grateful that it all started within UCD's Veterinary Science building.

- Paul Hughes, Student

CAO CODE: DN310

CAO Points Range 2020: **466-567**
Length of Course: **4 Years**
DN310 Places: **44**

General Entry Requirements
See pages 195 - 203

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

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 year four 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:

Nursing (General)	147
Animal Science	161
Animal Science Equine	162
Veterinary Medicine	176

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ENGINEERING

Engineering	182
Biomedical Engineering	183
Chemical & Bioprocess Engineering	184
Civil Engineering	185
Electronic Engineering / Electrical Engineering	186
Mechanical Engineering	187
Structural Engineering with Architecture	188

As an engineer, you will make a real difference in the world and be responsible for leading the way in finding solutions to real problems. Will you develop alternative or new sources of energy, invent life-saving medical devices or create new modes of communication? UCD Engineering offers a particularly wide range of engineering specialisations, from the traditional disciplines to offerings in areas such as Biomedical Engineering, Structural Engineering with Architecture and Optical Engineering.

Why UCD Engineering?

At UCD, we provide 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). Whatever the specialisation, 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

Your first year in Engineering at UCD will see you immersed in a completely new life from both an educational and a social perspective. Educationally, the first year is a common year that allows you gain an understanding of the many engineering disciplines available, before you specialise. This year will be spent intensively learning and discovering how to solve problems through physics, chemistry, mathematics and computing, as well as gaining exposure to engineering subjects such as mechanics, energy engineering, creativity in design and electronic and electrical engineering.

Throughout the year, you will be presented with information about the various specialisations and given advice to guide you in making the right decision when choosing your engineering pathway at the end of first year.

Find out more:
UCD Engineering Virtual Tour

STUDYING UCD ENGINEERING

YEAR 1 Explore your options

Physics	Chemistry	Mathematics

Energy Engineering	Mechanics	Electrical/Electronic	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

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
- Materials Science & Engineering
- Mechanical
- Optical Engineering
- Structural Engineering with Architecture
- **Professional Work Experience**

Graduate with a Master of Engineering

Specialise further through UCD graduate study

Taught & Research Master's

- Biopharmaceutical Engineering
- Bioeconomy with Business
- Chemical Engineering
- Electronic & Computer Engineering
- Engineering Management
- Environmental Technology
- Food Engineering
- Optical Engineering
- 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

Taught & Research Master's

- Business & Media
- Construction
- Design
- Education
- Energy
- Environment
- Finance
- Food
- Healthcare
- Information & Communications Technology (ICT)
- Management
- Manufacturing
- Pharmaceuticals
- Research & Academia

*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).

ENGINEERING

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

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. Whether your interests lie in agri-food, business, communications, energy, environment, healthcare, materials, pharmaceuticals, physical infrastructure, transport or water, there is an option within UCD Engineering that will suit you. With international leaders in the fields of engineering, the courses will provide you with core knowledge in the subject, an expectation of attaining excellence and the development of your capacity for independent and creative thinking, problem solving and leadership in your chosen speciality.

- Professor Aoife Ahern, Dean of Engineering

CAO CODE: DN150

CAO Points Range 2020: **520-625**

Length of Course: **3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)**

DN150 Places: **265**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Accredited By:

ENGINEERS IRELAND
ACCREDITED PROGRAMME

Other Courses of Interest:

Sustainability	99
Physics	128
Computer Science	136
Medicine	141

Studying Engineering at UCD

As an engineer, you will make a real difference in the world and be responsible for leading the way in finding solutions to real problems. Will you invent life-saving medical devices, create new modes of communication, develop alternative sources of renewable energy or tackle worldwide environmental issues?

At UCD, we offer the widest possible choice of engineering disciplines and are committed to the on-going development of both discipline specific and interdisciplinary teaching and research. 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. 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 disciplines available, before being offered an unrestricted choice of specialisation, subject to health and safety-based capacity constraints. We have 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 or 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 master's level. The range of study and career opportunities that can be accessed through our bachelor's and master's 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 master's 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 · Design · Education · Energy/ Clean Technology · Environment · Food · Healthcare · Information & Communications technology · Infrastructure · Research.

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 master's degrees with specialisations in:

- Biomedical Engineering
- Biosystems & Food Engineering
- Chemical & Bioprocess Engineering
- Civil, Structural & Environmental Engineering
- Electrical Power Engineering
- Electronic & Computer Engineering
- Engineering with Business
- Energy Systems Engineering
- Materials Science & Engineering
- Mechanical Engineering
- Optical Engineering
- Structural Engineering with Architecture

There are also research programmes available to students at both master's and PhD level.

Key Fact

All of the ME Programmes have an embedded internship element.

www.ucd.ie/myucd/eng

UCD Engineering and Architecture College Office
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Instagram/Facebook/Twitter: @MyUCD

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 ME 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

BIOMEDICAL 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 2020: **520-625**

Length of Course: **3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)**

DN150 Places: **265**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

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:

Chemistry · Creativity in Design · Electrical/Electronic Engineering · Energy Engineering · Engineering Computing · Mathematics · Mechanics · Physics

Second to Fifth Year

Sample modules for Biomedical Engineering students include:

Bioinstrumentation · Biomechanics · Biomaterials · Neural Engineering · Biomechanics of Cells & Tissues · Cell Culture & Tissue Engineering · Biosignal Processing · Medical Device Design · Rehabilitation Engineering · Medical Sciences for Engineers · Introduction to Physiology · Electrical & Electronic Circuits · Computer Engineering · Electromagnetics · Control Theory · Mechanics of Fluids · Mechanics of Solids · Applied Physics · Applied Dynamics · Medical Sciences for Biomedical Engineers

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops 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.

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.

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 France, Spain, China, Australia, Canada, USA, Singapore, New Zealand.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the 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.

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Other Courses of Interest:

Medicine	141
Engineering	182
Electrical/Electronic Engineering	186
Mechanical Engineering	187

CHEMICAL & BIOPROCESS ENGINEERING

BE (Hons) (NFQ Level 8) leading to ME (NFQ Level 9)

My time in UCD studying Chemical & Bioprocess Engineering enabled me to grow both academically and personally. The school was supportive and flexible, offering me a huge range of experiences, from short term placements, to a Junior Year abroad and a research project in the National Institute of Bioprocessing Research & Training. I've gained global exposure to the front line of chemical and bioprocess biotechnology innovation. The empowering teaching and responsibility extended to me gave me the tools and environment to achieve my goals. After I graduated in 2019, I was able to put my knowledge and skills gained throughout the course into direct practice as a graduate engineer in a biopharmaceutical company.

- Eleanor Thornton, Graduate

CAO CODE: DN150

CAO Points Range 2020: **520-625**

Length of Course: **4 Year (BE) + 1 Year (ME)**

DN150 Places: **265**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology.

At the end of Year 2, students can choose either the BE in Chemical & Bioprocess Engineering or the BE in Chemical Engineering with Biochemical Engineering Minor. Both can lead to the ME in Chemical & Bioprocess Engineering.

At the end of Stage 3, students can choose either to pursue a 4-year BE or 5-year Integrated ME degree pathway, subject to meeting GPA requirements.

Other Courses of Interest:

Chemistry	117
Chemistry with Biophysical Chemistry	118
Engineering	182
Biomedical Engineering	183

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 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: Chemistry · Creativity in Design · Electrical/Electronic Engineering · Energy Engineering · Engineering Computing · Mathematics · Mechanics · Physics

Second to Fifth Year

Sample modules for Chemical & Bioprocess Engineering students include: Organic Chemistry for Engineers · Inorganic & Physical Chemistry for Engineers · Chemical & Bioprocess Engineering Measurement · Biotechnology for Engineers · Computing in Chemical & Bioprocess Engineering · Chemical & Bioprocess Reaction Engineering · Chemical & Bioprocess · Engineering Thermodynamics & Kinetics · Commercial Pharmaceutical & Bioprocessing Technology · Chemical & Bioprocess Engineering Design · Professional Engineering (Finance) · Environmental Engineering · Advanced Separation Processes · Advanced Experimental Design

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops 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.

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 Master's and PhD opportunities, and our graduates also enter Master's and PhD programmes in leading international universities.

Both the BE and ME degrees are accredited at the master's level by the Institution of Chemical Engineers, while our ME has achieved master's level accreditation by Engineers Ireland.

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 France, Spain, China, Australia, Canada, USA, Singapore, New Zealand.

Professional Work Experience (PWE)

PWE is incorporated in the ME Chemical & Bioprocess Engineering programme. Six- to twelve-month paid 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.

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Although I started the engineering course without a notion as to what discipline to pursue, with the help of the support services available in UCD, I elected for the Civil Engineering degree and haven't regretted it since. The course allowed me to develop strong relationships with the students and staff alike. With the assistance of UCD Global and the engineering faculty, I embarked on the Erasmus programme and spent a summer internship abroad. I went on to pursue my master's in Civil, Structural & Environmental Engineering in UCD and as part of that I did a placement in the Netherlands with an offshore geotechnical company called Fugro that involves a lot of travel and hands-on practical work, something that attracted me to civil engineering in the first place. I am now a PhD candidate in TU Delft.

- Kevin Duffy, Graduate

CIVIL 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 2020: **520-625**

Length of Course: **3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)**

DN150 Places: **265**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

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:

Chemistry · Creativity in Design · Electrical/Electronic Engineering · Energy Engineering · Engineering Computing · Mathematics · Mechanics · Physics

Second to Fifth Year

Areas of study for Civil Engineering include:

Theory, Design & Analysis of Structures · Hydraulic Engineering · Treatment Processes for Water & Wastewater · Geotechnics · Construction Materials & Practice · Transportation Engineering · Highway Engineering · 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.

Career & Graduate Study Opportunities

Graduates can find employment in:

- Environmental industries
- Transportation engineering
- Water resource and hydraulic engineering
- Management and project management
- Financial services
- Research

Graduates can apply for taught and research master's 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.

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, Spain, China, Australia, Canada, USA, Singapore, New Zealand.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME 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.

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Other Courses of Interest:

Engineering	182
Mechanical Engineering	187
Structural Engineering with Architecture	192
Landscape Architecture	193

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 2020: **520-625**

Length of Course: **3 Years (BSc) (Hons)+ 2 Years (ME) or 4 Years (BE)**

DN150 Places: **265**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology.

Other Courses of Interest:

Mathematics	124
Computer Science	136
Computer Science with Data Science	137
Biomedical Engineering	183

At school, I was attracted to engineering because I love maths and physics and wanted to apply these in the real world. After getting the opportunity to try out all the disciplines of engineering in my first year, I was surprised that I loved electronic engineering the most. I had no experience in coding or circuits but it didn't matter as you can learn it all as you go. I would highly recommend anyone thinking of engineering to choose UCD. It offers students a high standard of education and stretches the students to achieve their potential. Having completed the undergraduate degree, there was no shortage of jobs to choose. I chose to join Qualcomm as a Hardware Engineer. Here, I help to design cutting-edge chips that are in everything from 5G phones to cars and I really love my job.

- Aileen McCabe, Graduate.

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:

Chemistry · Creativity in Design · Electrical/Electronic Engineering · Energy Engineering · Engineering Computing · 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. Modules include:

Electrical & Electronic Circuits · Electromagnetics · Digital Electronics · Electrical Energy Systems · Communication Systems · Electromagnetic Waves · Signal Processing · Analogue Electronics · Power System Engineering · Radio-Frequency Electronics · Neural Engineering · Renewable Energy Systems · Power System Operation.

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based assignments 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.

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 Master's degree, e.g. ME in Biomedical Engineering, ME in Electronic & Computer Engineering, ME in Electrical Power Engineering, ME in Engineering with Business or ME in Optical Engineering.

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, France, Germany, Singapore, Switzerland and USA.

Professional Work Experience (PWE)

Professional Work Experience (PWE) is incorporated into the 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, Mainstream Renewable Power, Microsoft, Workday and Xilinx.

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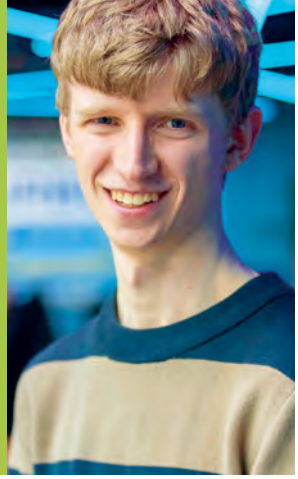
UCD has opened up so many opportunities for me, from meeting new people to developing many valuable skills to allow me to choose from a wide range of career paths. I decided to study Mechanical Engineering because it has a great balance between theory and practical problems as well as being a very flexible degree. From day one, you are challenged with the task of becoming a problem solver, critical thinker but with an important focus on being able to communicate and present ideas to others. There has always been a very clear connection between the work we do and real-world application, making it very satisfying.

-Aaron Gilmartin, Student



MECHANICAL 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 2020: **520-625**

Length of Course: **3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)**

DN150 Places: **265**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

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

Sample modules for Mechanical Engineering students 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 · Biomechanics · Measurement & Instrumentation · Control Theory

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops, design 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.

Career & Graduate Study Opportunities

Opportunities are extraordinarily diverse, making graduates highly resilient to changing economic circumstances. Recent graduates are currently employed in:

- Energy, Biomedical, Aeronautical, Automotive and Manufacturing Sectors
- IT Companies
- Management and Project Management.

Graduates can pursue taught or research master's 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.

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, France, Germany, New Zealand, Singapore, UK, USA.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME 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 Nypro.

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Other Courses of Interest:

Agricultural Systems Technology 160
Engineering 182
Biomedical Engineering 183
Structural Engineering with Architecture 188

STRUCTURAL ENGINEERING WITH ARCHITECTURE

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9)

CAO CODE: DN150

CAO Points Range 2020: **520-625**

Length of Course: **3 Years (BSc) (Hons) + 2 Years (ME)**

DN150 Places: **265**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology.

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 Stage 3 can exit their studies at the end of Stage 3 with a BSc (Engineering Science) degree.

Other Courses of Interest:

Civil Engineering	184
Architecture	192
City Planning & Environmental Policy	194

I chose Structural Engineering with Architecture because it was a great way of combining my interests in maths, physics, art and the built environment. UCD offers an excellent balance of technical knowledge and soft skills. I was able to develop my knowledge of structural analysis and design while also working on skills such as communication, creative-thinking, and problem-solving. My fourth-year work placement allowed me to further develop my understanding of structures and to contribute to live construction projects. My UCD degree gave me the best possible start to my career as a structural engineer.
My work is challenging but very rewarding. I can see the value of my designs when they become physically realised on site to become buildings that people can enjoy.

- Roseanne Dizon, Graduate

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 master's 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: Chemistry · Creativity in Design · Electrical/Electronic Engineering · Energy Engineering · Engineering Computing · Mathematics · Mechanics · Physics.

Second Year

Engineering & Architecture of Structure 2 · Design & Communications · Construction Materials & Practice · Solid Mechanics · Geotechnics 1 · History & Theory of Structures 3 · Computer Applications · Statistics, Probability & Multivariable Calculus 1

Third Year

Structural Analysis 1 & 2 · Structural Design 1 · Geotechnics 2 · Group Design Project · History & Theory of Structures 4 · Energy Systems · 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)

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops 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.

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.

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 France, Spain, China, Australia, Canada, USA, Singapore, New Zealand.

Professional Work Experience (PWE)

Professional Work Experience (PWE) is incorporated in the ME 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.

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ARCHITECTURE, PLANNING & ENVIRONMENTAL POLICY

Architecture 192

Landscape Architecture 193

City Planning & Environmental Policy 194

The UCD School of Architecture, Planning & 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 by the Royal Institute of British Architects, the Royal Institute of the Architects of Ireland, 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

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

MArch (Honours)

Specialise through UCD graduate study

Master's (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

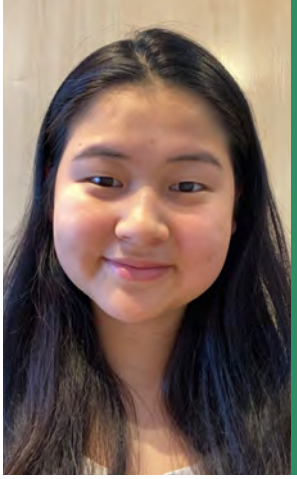
Continue to develop your professional career with UCD

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)



I chose architecture because I could express many of my interests in one course. Architecture is an amalgamation of art and design, engineering, history and construction. The skills I have learnt throughout this course will let me move forward in architecture or I can transfer my knowledge and skills to other areas in design, history or construction. Studying architecture, especially in UCD has helped me gain confidence in my work, especially under the guidance of qualified tutors that are all practicing architects, recognised nationally and internationally for their work. UCD has also been a great place to study, being able to try out new sports that have proven a good outlet for stress and a way to make new friends.
- Li Lu Savage, Student

CAO CODE: DN100

CAO Points Range 2020: **510-613**

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)

DN100 Places: **57**

General Entry Requirements
See pages 195 - 203

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

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
Yes, see www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

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. It plays a central role in society, leading innovation and development on every scale. The Architecture course at UCD offers a means to engage creatively and constructively with society. If you have a capacity and passion for creativity, for making things through technological invention or artistic experimentation, and you are excited by the idea of designing buildings, urban environments and landscapes, then this course is for you. The design process is central to Architecture, harnessing the mind's analytical and creative powers to produce innovative solutions to everyday and future challenges.

What will I study?

There are two main elements to the Architecture course – project work (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.

The lecture programme can be grouped under three broad headings:

Technical: Architectural Technologies · Structures · Environmental Science

Cultural: Architectural History & Theory · Ecology · Conservation · Perspectives on Architecture

Managerial: Professional Studies

A combination of continuous assessment and end-of-trimester written examinations is used. In your final year, you will also submit a report of your design research project.

Career & Graduate Study Opportunities

Most architectural graduates go into architectural practice or on to further academic study in architecture or related subjects.

Your skills are transferable, which enables you to work anywhere in the world. Some architects also work in other areas such as:

- Planning
- Heritage site management
- Landscape
- Cultural and artistic practice
- Curatorial work

UCD Architecture offers a wide range of taught master's, research master's and doctorate programmes, including:

- Urban Design (research)
- Conservation & Heritage (research)
- Regional & Urban Planning (taught)
- Urban Design & Planning (taught)
- Irish and European Landscape & Urbanisation (research)
- History & Theory of Architecture (PhD)
- Architecture, Urbanism & Climate Action
- Landscape Architecture (taught)

International Study Opportunities

UCD Architecture has a very extensive list of 30+ partners in Europe and worldwide, opportunities to date have included:

- University of Sydney, Australia
- Kungl Tekniska Hogskolan Stockholm, Sweden
- University of British Columbia, Vancouver, Canada
- National University of Singapore
- Technische Universität München, Germany
- University of California, Berkeley, USA

Key Fact

Studios are largely taught by practising architects and many alumni are leading figures, whose work is recognised nationally and internationally.

Key Fact

UCD Architecture is the only college in Ireland with professional accreditation/ international certification from RIAI, RIBA & NAAB.

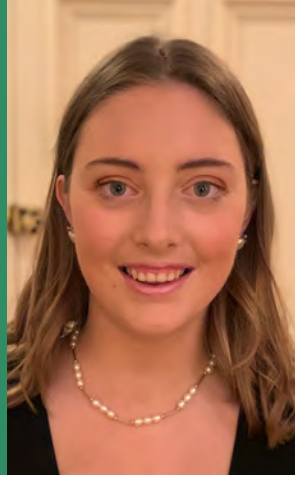
Other Courses of Interest:

Structural Engineering with Architecture	188
Landscape Architecture	193
City Planning & Environmental Policy	194

www.ucd.ie/myucd/arch

UCD Engineering and Architecture College Office
+353 1 716 1868
eng.arch@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 at UCD offers a wide range of exciting modules in various related topics such as land use, the environment, planning, ecology, and urban design. The design studio is central and 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 degree 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, Student



LANDSCAPE ARCHITECTURE

BSc (Hons) (NFQ Level 8)

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:

Ecological and Environmental Sciences

Land Use & the Environment · Environmental Impact Assessment · Landscape Ecology · Soils, Biology, Botany, Trees & Shrubs

Human Sciences, Technology and Culture

Landscape History & Theory · Archaeology · Rural & Landscape Planning · Materials & Construction · Aesthetics, Drawing & Landscape Representation · Placemaking

Professional and Managerial Skills

Professional Practice · Law · Research & Writing

A combination of regular studio reviews, reports, as well as end-of-trimester written and portfolio examinations, is used to assess your work. The fourth year concludes with a design thesis based on a subject of your own choosing

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).

A Master of Landscape Architecture is available for those who wish to pursue the subject at taught graduate level. The School of Architecture also offers related Masters by Research and Doctoral programmes.

Internship / International Study Options

Internship Option

There is an optional 6-8 month internship module in Stage 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

Students have the opportunity in their third year to study abroad in a partner University in Europe, Australia or the U.S.

Key Fact

UCD is currently the only university in Ireland to offer an undergraduate degree in Landscape Architecture.

www.ucd.ie/myucd/arch

UCD Engineering and Architecture College Office
+353 1 716 1868
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Instagram/Facebook/Twitter: @MyUCD

CAO CODE: DN120

CAO Points Range 2020: **407-507**

Length of Course: **4 Years (BSs)(Hons)**

DN120 Places: **27**

General Entry Requirements
See pages 195 - 203

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

Level 6/7 Progression Routes
None

Mature Entry Route
See www.ucd.ie/maturestudents

Accredited By:

IRISH LANDSCAPE INSTITUTE
INSTITIÚID TÍRDHREACHA NA hÉIREANN

IFLA
INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS

Other Courses of Interest:

Forestry	168
Horticulture	169
Architecture	192
City Planning & Environmental Policy	194

CITY PLANNING & ENVIRONMENTAL POLICY

BSc (Hons) (NFQ Level 8)

I have always had a keen interest in the urban environment, how the world surrounding us works and the impact it has on our daily lives. For that reason, studying Planning & Environmental Policy at UCD was a perfect choice for me. The course exposed me to a wide range of topics including planning policy, housing, transport planning, urban economics and many more. Two years into my degree, I chose to study abroad for a year at the University of Illinois Urbana Champaign which was a life changing experience. Following my undergraduate degree, I went on to do the one year Master of Regional and Urban Planning degree. The knowledge and skills that I gained throughout my studies at UCD have been invaluable in preparing me for my current career as a Planning Consultant.

- Sally O'Sullivan, Graduate

CAO CODE: DN130

CAO Points Range 2020: **390-579**

Length of Course: **3 Years (BSc) (Hons)(+1 Year CPEP International)(+ 1 Year Master's) (NFQ Level 9)**

DN130 Places: **31**

General Entry Requirements
See pages 195 - 203

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

Mature Entry Route
See www.ucd.ie/maturestudents

Accredited By:

RTPI Chartered Town Planners

IRISH PLANNING INSTITUTE
Institiúid Pleanála Na hÉireann

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, urban designer 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 Spatial 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 · Smart Cities · Urban & Regional Economics · Case Studies in Environmental Policy · Social Spatial Dynamics · Rural Change, Development & Planning

Third Year

Environmental Management · Climate Policy & Politics · Place Making · Planning Law · Rural & Landscape Planning · Energy Transitions · Planning, Society & Diversity

The modules are delivered in a variety of formats including lectures, labs and studios. They provide opportunities for interdisciplinary research, field work and guest lectures from leading researchers, advocates and practitioners. Dublin and the surrounding region are viewed as a living lab for students learning.

Career & Graduate Study Opportunities

The final step towards your career as a planner, urban designer or environmental policy analyst is to complete a one-year specialist Master's in Planning at UCD: The Master of Regional & Urban Planning, the Master of Urban Design & Planning or the Master of Environmental Policy. This will ensure you gain the necessary professional accreditations, including that of the Irish Planning Institute and the Royal Town Planning Institute.

Graduates find employment in:

- Government and local authorities
- Planning and environmental consultancies
- Local and regional development organisations
- Private companies (marketing/location/ real estate/infrastructure)
- Non-governmental organisations (environmental/heritage/ international development)

International Study Opportunities

Students have the opportunity in their third year to spend a year studying abroad either inside or outside Europe. Students who opt for this international experience will complete their undergraduate studies in four years (rather than three).

Other Courses of Interest:

Geography	67
Sustainability	99
Civil Engineering	185
Architecture	192
Landscape Architecture	194

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APPLYING TO UCD

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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 2022, your date of birth must be on or before 15 January 2006. 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 pass in Irish (06/H7) 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.

Are there any other subjects that are always required?

As English is the teaching language of the University, all applicants must have a pass (06/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.

For graduate entry to Medicine or Veterinary Medicine, GAMSAT is required

See the Mature and Graduate Entry sections on page 202 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), and Human Nutrition (DN262) Nursing & Midwifery (DN450, DN451, DN452, DN453).

Further information on the health screen processes and policies is available at: **www.nmhs.ucd.ie**

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 & Midwifery (DN450, DN451, DN452, DN453) and Sports & Exercise Management (DN430). 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?

Applying to UCD is very straightforward. There is online help available, or you can come to our Open Days for detailed sessions on applying. Of course, you can always contact us for advice at www.ucd.ie/askus

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 2022, but there is a reduced application fee for applications made prior to 20 January 2022.

All applications are processed in accordance with the regulations, procedures and timetable described in the CAO Handbook, which is available from the CAO office and on **ww.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 2022, 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**).

How do I know if I am an EU or non-EU applicant?

Applicants who are unsure whether to apply as an EU applicant via the CAO or direct as a non-EU applicant should follow the EU fee assessment link on **www.ucd.ie/fees** – please note, students admitted as non-EU cannot change their fee status subsequently.

Transfer Routes

Applicants who have previously attended third level and wish to start a new course in first year should apply via the CAO. They must declare their previous third-level attendance on the form. 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 the 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 2022, 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.

CONTACT

For full admissions policy and other relevant policies, please see www.ucd.ie/askus or www.ucd.ie/admissions

INFORMATION FOR APPLICANTS APPLYING ON THE BASIS OF:

Irish Leaving Certificate

Minimum entry requirements

- To matriculate 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 for Matriculation Registration purposes. This concession applies to Matriculation 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 for Matriculation Registration purposes, with the following exceptions and qualifications:

i. Gaeilge – Bonnleibhéal (Irish – Foundation Level) will not be accepted for Matriculation Registration purposes.

ii. 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.

NB 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 normally based on the points system for students presenting Irish Leaving Certificate examinations. Points are awarded as follows.

%	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

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.
- 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**

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.

A-Level/GCSE examinations

NB 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.

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 pints 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**.

Indicative points equivalence

Indicative equivalence of A and AS-level examination grades with Irish Leaving Certificate points will operate for entry. The comparison 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.

  NB Mathematics and Pure Mathematics cannot be counted separately for points purposes.

Applicants from EU and European Economic Alliance (EEA) countries

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.**

www.ucd.ie/myucd/apply

Other school-leaving examinations

Non-EU applicants

UCD welcomes applicants from non-EU countries. Further information on application and entry requirements is available at **www.ucd.ie/global.**

NB If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to UCD.

ACCESS ADMISSION PATHWAYS

Mature Applicants

What is a mature applicant?

A mature applicant is 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 2022, your date of birth must be on or before **1 January, 1999**.

How do I apply?

For all our full-time, and some of our part-time, undergraduate degree programmes, mature applicants must apply through the Central Applications Office (CAO). The application can be completed online at **www.cao.ie**.

Some programmes require specific tests (e.g. HPAT) or personal statements. Please see: **www.ucd.ie/maturestudents** for details of what is required for programmes. For most of our programmes the closing date is **1 February 2022**. Some courses may accept late applications up to **1 May 2022** but this is subject to the availability of places.

What should be included with my application?

Mature applicants may need to provide supplementary information in addition to their CAO application form. Any supplementary information required (e.g. examination results, CV, personal statement) must be sent to the CAO with the completed application form. Those applying online (via **www.cao.ie**) must ensure that they forward supplementary information to the CAO immediately after submitting the online application. The CAO Handbook contains useful advice regarding the application process.

Note You must ensure that all relevant information is submitted to the CAO. There is no separate UCD application form, although some courses require a supplementary statement. **www.ucd.ie/maturestudents** provides advice for personal statements. Your documents must arrive in the CAO within ten days of the submission of the online application.

Contact us with your queries

For assistance with the application process, contact us at **www.ucd.ie/askus** or call: **01 716 1608**.

Higher Education Access Route (HEAR)

The Higher Education Access Route (HEAR) scheme offers places on reduced points and extra college support to school leavers from socio-economically disadvantaged backgrounds who are resident in the Republic of Ireland.

Who should apply to HEAR?

School leavers from socio-economically disadvantaged backgrounds who are under the age of 23 as of **1 January, 2022**, and who are resident in the Republic of Ireland may apply to HEAR. More information on HEAR is available from your school guidance counsellor of the UCD Access & Lifelong Learning. Information can also be found on **www.accesscollege.ie**, **www.cao.ie** and **www.ucd.ie/all**.

University Access Courses

UCD offers part-time access courses, which prepare adults for third level study. University Access is available to Arts, Humanities, Social Sciences, Law, Science, Medicine, Engineering and Agricultural Sciences. For more information, contact UCD Access & Lifelong Learning: Call **+353 1 716 7584** or visit **www.ucd.ie/all/study**.

Open Learning

Over 350 modules across a range of subjects are available for adult learners who wish to study on a part-time basis. Each module carries 5 ECTS credits. Modules can be taken for credit or audit. Students may combine modules to receive a certificate or diploma award. For further information visit **www.ucd.ie/all/study** or call **+353 1 716 7123**.

QQI-FET Applicants

Applicants with appropriate QQI-FET (Level 5 or 6) qualifications and modules, with a minimum of distinction in five modules, can be admitted to a broad range of programmes on a competitive basis to programmes in: Science, Agriculture, Veterinary Nursing, Nursing, Arts and Humanities, Social Sciences, Law and Commerce.

Please see **www.ucd.ie/FET** for full details and information on other programmes under consideration.

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

Further information is available on our website **www.ucd.ie/grad_entry**.

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, 2022**. Further information is available at **www.gamsat.acer.edu.au/**.

Disability Access Route to Education (DARE)

The Disability Access Route to Education (DARE) is a supplementary admissions scheme for school leavers with disabilities. School leavers who meet the eligibility criteria compete for a quota of places allocated to applicants on a reduced-points basis in UCD. All applicants must meet the Irish Leaving Certificate (or equivalent) matriculation/ minimum entry and subject requirements.

Who should apply to DARE?

DARE is for school leavers (under 23 years old as at **1 January 2022**) 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. Mature and QQI-FET students have different admissions routes – please see relevant sections on page 20.

Conditions of a DARE Offer

Students who receive a DARE offer must register with the UCD Access & Lifelong Learning Centre for Disability Support and agree to a schedule of meetings.

More information on DARE is available from your school guidance counsellor or from the UCD Access & Lifelong Learning Centre.

Information can also be found on: **www.accesscollege.ie**, **www.cao.ie** and **www.ucd.ie/all**.

For more informaton:

www.ucd.ie/myucd/apply

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 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 2022 will be available from summer 2021, when fees are set by the Department of Education and Skills.

Student Contribution Charge

- As a guide, the Student Contribution Charge for 2021/22 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 semester one and at the start of semester 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 2021/22 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.cdvec.ie**
- **+353 761 087874**
- **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)	821	7,392
Utilities (Electricity /Gas/ Bins/ Internet)	35	315
Food	300	2,700
Travel (monthly short hop ticket)	120	1,080
Books & Materials	70	630
Clothes & Medical	45	405
Mobile	20	180
Social Life/Miscellaneous	130	1,170
TOTAL	**1,541**	**13,872**

COST OF LIVING AT HOME

EXPENSE	MONTHLY (€)	ANNUAL (€) NINE MONTHS (ACADEMIC YEAR)
Contribution to Bills	35	315
Food	100	900
Travel (monthly short hop ticket)	120	1,080
Books & Materials	70	630
Clothes & Medical	45	405
Mobile	20	180
Social Life/Miscellaneous	115	1,035
TOTAL	**505**	**4,545**

TOP TEN TIPS FOR APPLYING TO UCD

1. 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: If you are repeating your Leaving Certificate, ensure you include all exam numbers. 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 2022 exams, mention them in your CAO Application and forward the results as soon as they are issued and not later than 1 August 2022.
- Send transcripts of any previous third-level attendance.
- Send a personal statement if applying as a mature applicant. (A template is available 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?

Applicants who are unsure whether to apply as an EU applicant via the CAO or direct as a non-EU applicant should follow the EU fee assessment link on **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 **12 Sept 2022**. However, there are also compulsory orientation events for first-year students in the previous week and you should expect to be on campus from **5 Sept 2022**.

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?

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 2022 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

UCD is located five kilometres from Dublin city centre on the N11. With over seven million journeys being made to the university each year, there are many public transport options from various parts of the city, and indeed the whole country.

Getting to UCD by Bike

UCD has over 4,000 bicycle parking spaces and a bicycle shop with friendly and experienced staff located on campus. Changing and shower facilities are available in many buildings throughout campus. Public repair stations with tools and pumps are located throughout the campus and may help in a tight spot! UCD provides a secure parking area, equipped with CCTV, which is free-of-charge and accessed via students UCard.

For those who do not have a bicycle and need to move around campus quickly, Bleeperbikes are available for hire.

Getting to UCD by Bus

Dublin Bus Services

Over 20 bus routes serve the Belfield campus, linking UCD to the city centre and suburban areas. A number of express buses also serve UCD offering fast direct routes from suburban areas and the greater Dublin region.

Commuter Coaches

Bus Éireann and Go-Ahead Ireland operate nationwide bus services, with most major areas having a regular link to Dublin. The majority of services terminate in Busáras (Central Bus Station, Dublin), which is a short walk to O'Connell Street for connecting buses to UCD.

Several commuter coach services directly serve UCD Belfield Campus during the peak morning and evening hours. To find out more, visit:

www.buseireann.ie www.goaheadireland.ie

Private Coaches

A number of private coaches serve campus every day from regional and commuter towns.

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 throughout term. The 175 bus departs from campus every 30 minutes and connects to the Luas station at Dundrum. Heuston Station is directly linked to campus via the 145 bus departing directly from the station. Connolly Station is served by many routes to campus, which pass through the city centre.

For those want to use the Train / Dart to UCD should use the Transport for Ireland Journey Planner and Real Time information to get the best possible routes.

Getting to UCD by Car

UCD operates a paid permit parking system during term time. Parking spaces are very limited during peak term times, 8am to 5pm, Monday to Friday and are a first come, first served basis. Holding a permit does not entitle the holder to a space or ensure that a space will be available. Students who live on campus in UCD Residences are not entitled to purchase a parking permit.

Bus routes

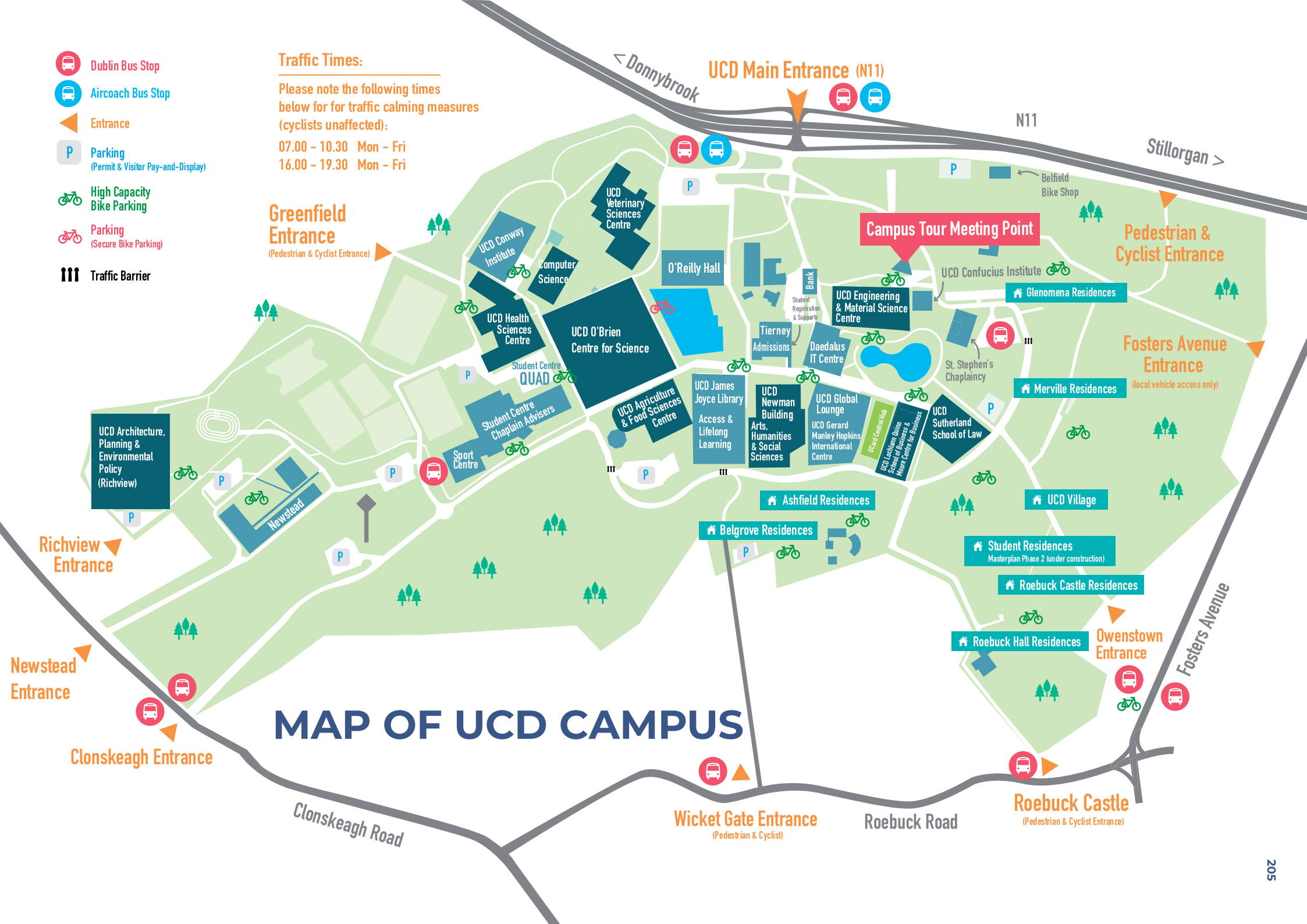
7b	From Mountjoy Sq. Towards Shankill
7d	From Mountjoy Sq. Towards Dalkey
11	From Wadelai Park To Sandyford Business District
17	From Rialto to Blackrock
25x	From UCD Belfield Towards Clare Hall
25x	From UCD Belfield Towards Lucan
27x	From UCD Belfield Towards Clare Hall
32x	From Malahide Towards UCD Belfield
39a	From UCD Belfield Towards Ongar
41x	From UCD Belfield Towards Knocksedan
46a	Phoenix Park Towards Dún Laoghaire
46e	From Blackrock Station Towards Mountjoy Sq.
47	From Poolbeg St. To Belarmine
51x	From Dunawley To UCD Belfield

66x	From UCD Belfield Towards Maynooth
67x	From UCD Belfield Towards Celbridge (Salesian College)
77x	From Citywest To UCD Belfield
84x	From Hawkins Street Towards Newcastle / Kilcoole
116	From Parnell Sq. to Whitechurch
118	From Kilternan Towards Eden Quay
142	From Portmarnock Towards UCD Belfield
145	From Heuston Rail Station To Ballywaltrim
155	Ikea Towards Bray Rail Station
175	Kingswood Citywest to UCD
910	Bettystown-Laytown-UCD (Matthews
904/901	Dundalk-Drogheda-UCD (Matthews)
181	Clones-Monaghan-UCD (McConnons)
194	Ratoath-Ashbourne-UCD (Ashbourne Connect)

179	Shercock-Navan-Dunshaughlin-UCD (Sillian)
823	Sligo-Longford-Mullingar-UCD (TheBus.ie)
845	Birr-Tullamore-Enfield-UCD (Kearns)
UCD01	Portarlington-Kildare-Newbridge-UCD (Silver Dawn
824	Mountmellick-Portlaoise-UCD (Martleys)
181	Glendalough-Roundwood-UCD (St. Kevins Bus)
740	Dublin Airport-UCD-Wexford (Wexfordbus)
533	Skerries-UCD (Fingal Express)

Contact us with your queries

For further information contact:
UCD Estate Services
(01) 716 7000
commuting@ucd.ie
www.ucd.ie/commuting


Dublin Bus Stop
Aircoach Bus Stop
Entrance
Parking
(Permit & Visitor Pay-and-Display)
High Capacity Bike Parking
Parking
(Secure Bike Parking)
Traffic Barrier
Traffic Times:
Please note the following times below for for traffic calming measures (cyclists unaffected):
07.00 – 10.30 Mon – Fri
16.00 – 19.30 Mon – Fri
< Donnybrook
UCD Main Entrance (N11)
N11
Stillorgan >
Belfield Bike Shop
Pedestrian & Cyclist Entrance
Greenfield Entrance
(Pedestrian & Cyclist Entrance)
UCD Veterinary Sciences Centre
UCD Conway Institute
Computer Science
O'Reilly Hall
Campus Tour Meeting Point
UCD Confucius Institute
Glenomena Residences
Bank
Student Registration & Supports
UCD Engineering & Material Science Centre
UCD Health Sciences Centre
UCD O'Brien Centre for Science
Tierney Admissions
Daedalus IT Centre
St. Stephen's Chaplaincy
Fosters Avenue Entrance
(local vehicle access only)
Student Centre QUAD
Merville Residences
UCD Architecture, Planning & Environmental Policy (Richview)
Student Centre Chaplain Advisers
Sport Centre
UCD Agriculture & Food Sciences Centre
UCD James Joyce Library
Access & Lifelong Learning
UCD Newman Building
Arts, Humanities & Social Sciences
UCD Global Lounge
UCD Gerard Manley Hopkins International Centre
UCard Central Hub
UCD Lochlann Quinn School of Business & Moore Centre for Business
UCD Sutherland School of Law
Newstead
Ashfield Residences
UCD Village
Belgrove Residences
Student Residences
Masterplan Phase 2 (under construction)
Roebuck Castle Residences
Roebuck Hall Residences
Owenstown Entrance
Fosters Avenue
Richview Entrance
Newstead Entrance
Clonskeagh Entrance
MAP OF UCD CAMPUS
Wicket Gate Entrance
(Pedestrian & Cyclist)
Roebuck Road
Roebuck Castle
(Pedestrian & Cyclist Entrance)
Clonskeagh Road

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FIND OUT MORE ABOUT UCD

Choosing your university is a big decision. Here are a few ways to find out more about UCD from our Open Days right through to Summer School.

School Talks
From September to May each year, our school liaison staff are available to visit your school or meet virtually to talk about our range of courses and student life. To arrange a visit email **schoolsliaison@ucd.ie** or call **+353 1 716 1504**.

School Groups & Individual Tours
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**

Careers Fairs
UCD is represented at all of the major nationwide Institute of Guidance Counsellors career and regional fairs. To arrange a representative to attend a careers fair, contact **schoolsliaison@ucd.ie**

Subject Events
A number of subject-specific events are held throughout the year. For example, the Science Careers & Information Evening and other Open Evenings. Visit **www.myucd.ie/visiting-ucd**

Summer School, 7 - 10 June 2022
An opportunity to experience university life. Aimed at students entering their final year in September 2022 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**

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**

OPEN DAY

Saturday 13th November 2021
10am – 4pm

- Course Talks
- Mini Seminars
- Campus Tours
- Information Stands

Open to 6th Years, their parents, mature students, teachers, guidance counsellors.

KEEP IN TOUCH

Follow @MyUCD on Instagram for event alerts, information on courses, student Q&As and more.

Register for email alerts
www.myucd.ie

USEFUL CONTACTS

UCD STUDENT RECRUITMENT

Web: www.myucd.ie
Tel: +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
Email: campustours@ucd.ie
Tel: +353 1 716 1504

FOR INFORMATION ON UCD SCHOOLS LIAISON

contact the UCD Schools Liaison Officer
Email: schoolsliaison@ucd.ie
Tel: +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:
Email: all@ucd.ie
Web: www.ucd.ie/openingworlds

FOR STUDENTS WITH A DISABILITY, CONTACT

Email: disability@ucd.ie

UCD STUDENT DESK

www.ucd.ie/askus
www.ucd.ie/admissions
www.ucd.ie/fees (for fees information)
www.ucd.ie/maturestudents

A detailed list of useful dates is available at:
www.ucd.ie/registryforprospectivestudents/admissions/admissions-keydates/

FOR DETAILS ON UCD ACCOMMODATION, CONTACT

UCD Residences, UCD, Belfield, Dublin 4
Email: residences@ucd.ie
Tel: +353 1 716 1031
Web: www.ucd.ie/residences

FOR INFORMATION ON CAO APPLICATION PROCEDURES & HANDBOOK SEE

Web: www.cao.ie

FOR INFORMATION ON MATRICULATION, CONTACT

National University of Ireland,
49 Merrion Square,
Dublin 2
Web: www.nui.ie

FOR IMPORTANT DATES FOR APPLICANTS

Check the website for the relevant organisations:
www.cao.ie
www.hpat-ireland.acer.edu.au
www.gamsat.ie.org
msap-ie.acer.edu.au

TALK TO OUR STUDENTS & STAFF

If you have any questions about life at UCD, you can ask our student ambassadors and our staff. Go to www.myucd.ie/chat

For further information please contact us.
We will be happy to deal with your enquiry or direct you to the best person to answer your questions.

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